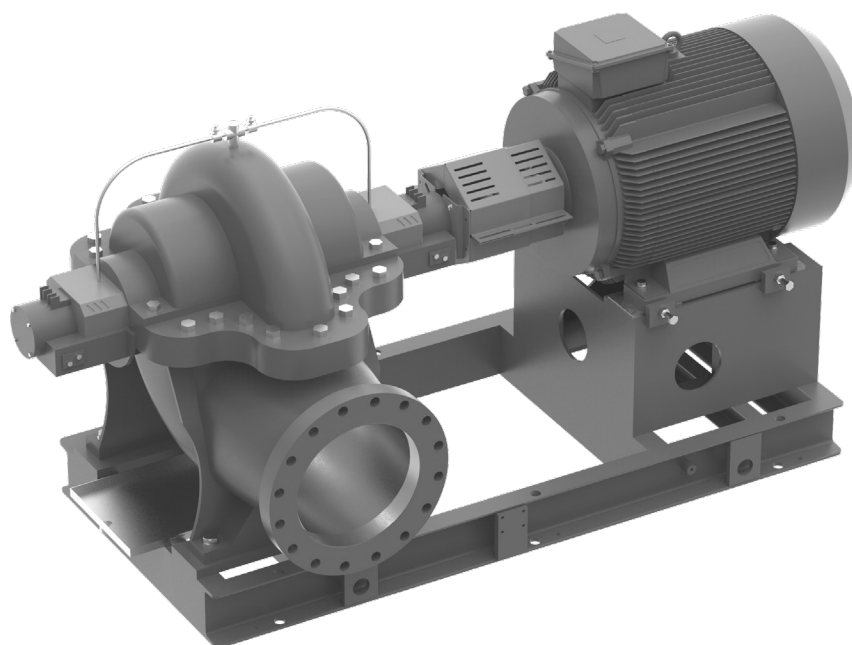




e-XC Series

DOUBLE SUCTION CENTRIFUGAL PUMPS

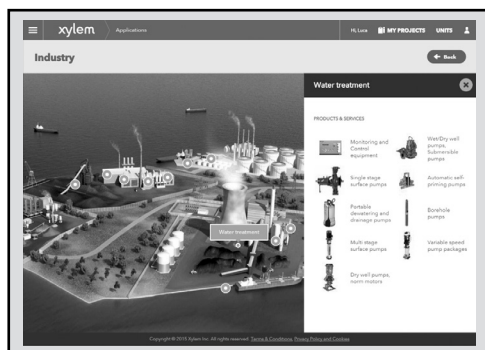
DESIGNED IN COMPLIANCE WITH ISO 5199 STANDARD

Xylect

Xylect is a pump selection software with an extensive online database of product information across the entire range of pumps and related products, with multiple search options and helpful project management facilities. The system holds up-to-date product information on thousands of products and accessories.

Xylect is available:

On the website – www.xylect.com



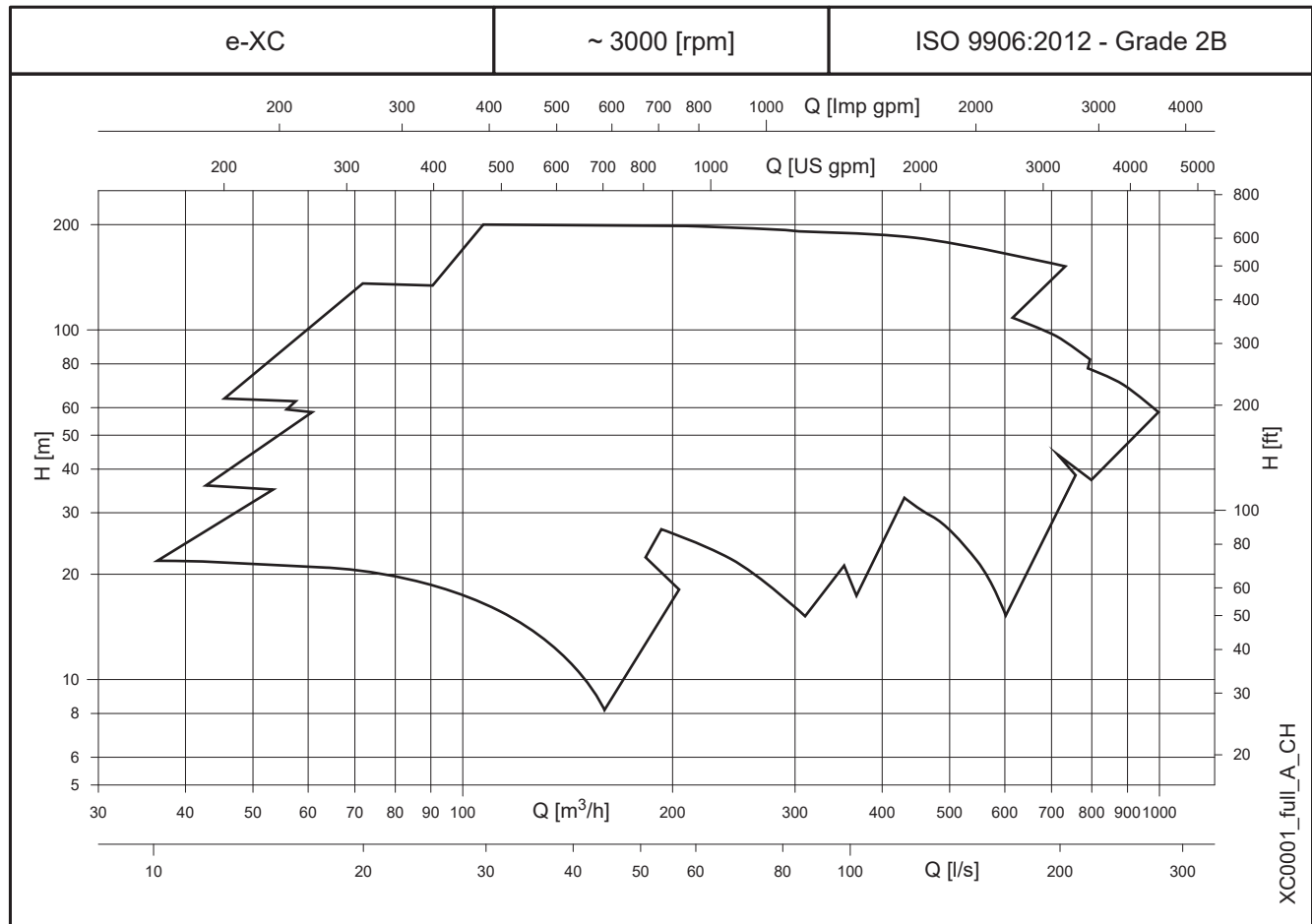
For more information, please, see page 158-159.

SUMMARY

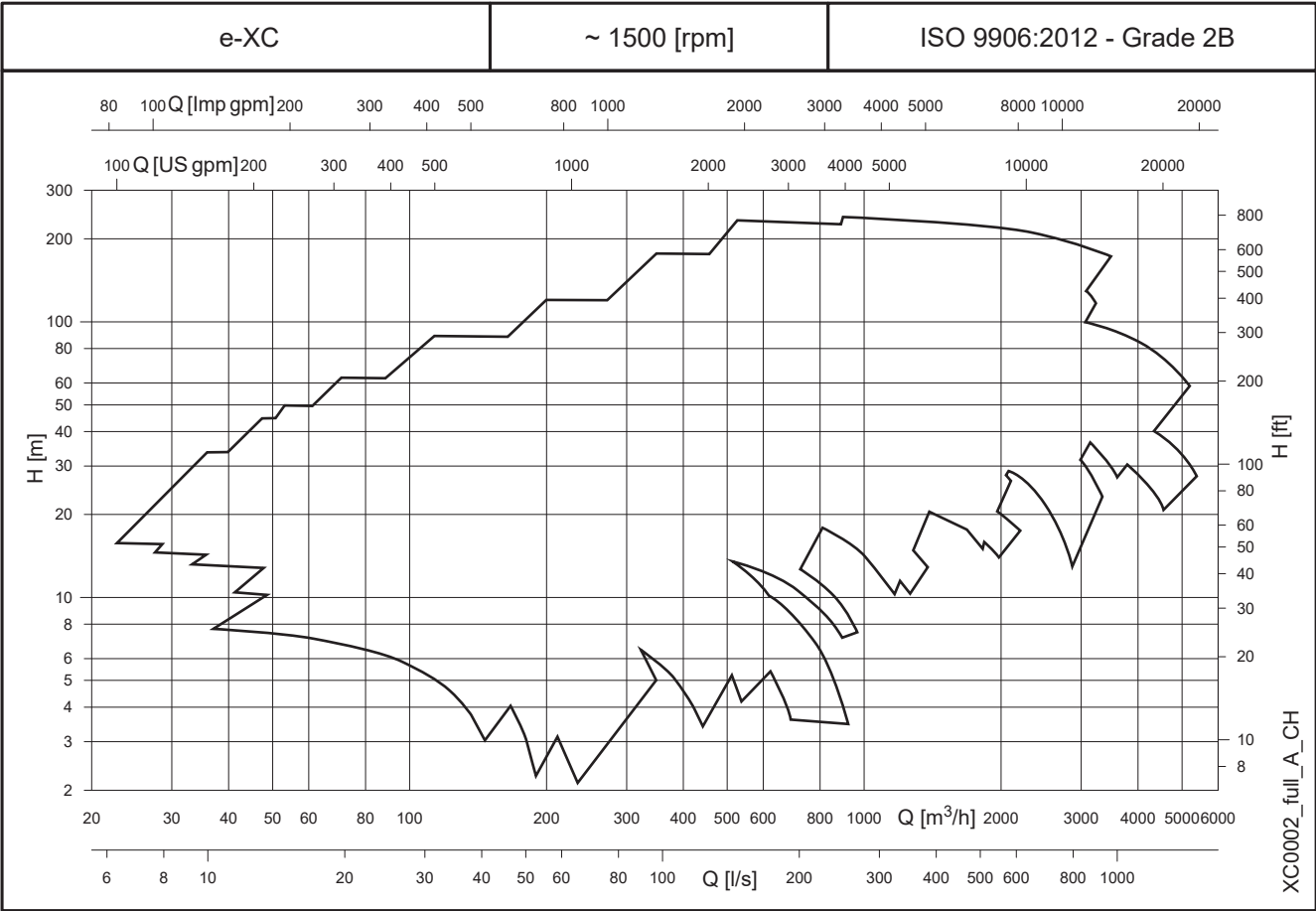
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e-XC SERIES

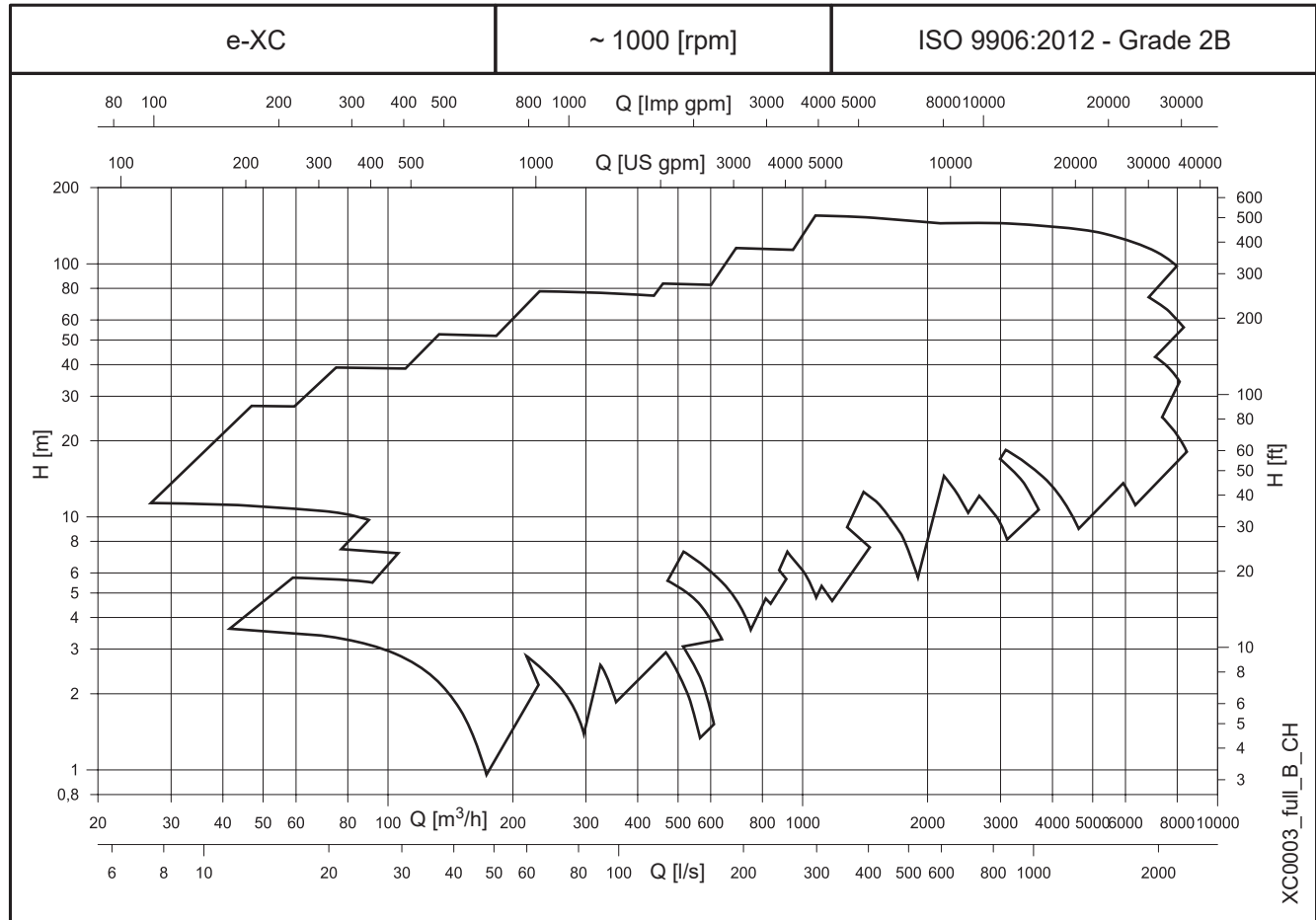
HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 2 POLES



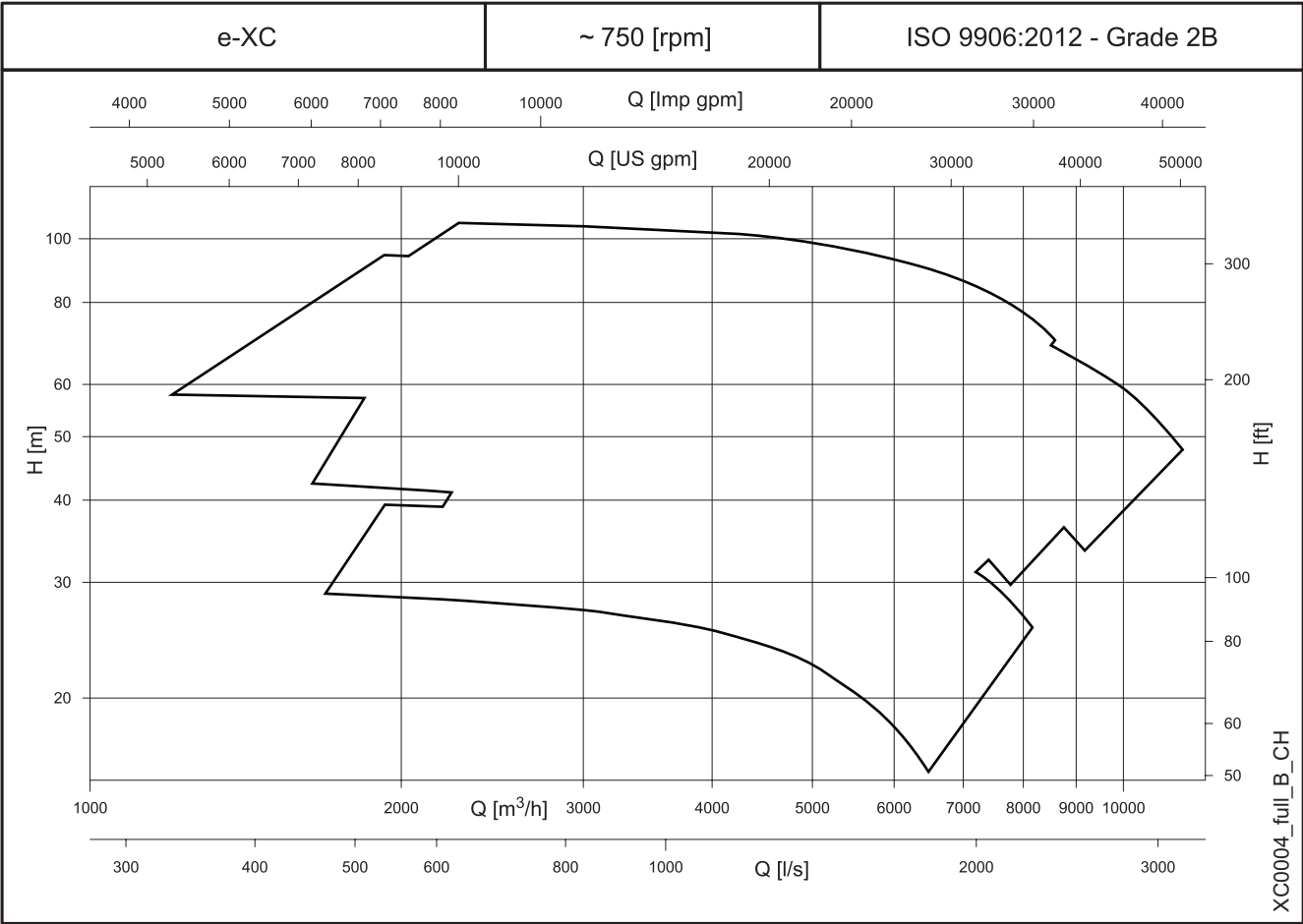
e-XC SERIES
HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 4 POLES



e-XC SERIES
HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 6 POLES



e-XC SERIES
HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 8 POLES



e-XC SERIES

GENERAL INTRODUCTION

The new e-XC is a configurable single-stage horizontal split-case pump with extensive flow and head coverage and a common in-line configuration for easier installation of new and retrofit pumping systems.

Pump design

The **new e-XC** is a **single-stage horizontal double suction split-case pump** designed with common in-line nozzle configuration built to comply with ISO 5199 Standard. Maximum casing pressure depends on size and material, and can be PN16, PN25 or PN31.

Optimized hydraulics guarantees high efficiency and wide hydraulic coverage. e-XC pumps are available in a **wide range of materials** from Cast Iron to Super Duplex Stainless Steel which allows you to perfectly configure it for any system requirements.

The pumps are **standard** wise equipped with **unbalanced mechanical seal**, but can be provided with many different **seal options** from packing to **balanced mechanical** and **cartridge seals**.

A wide range of options and accessories is available to make a custom-built pump that suits any kind of need.

The e-XC series pumps are available in the following **constructions**:

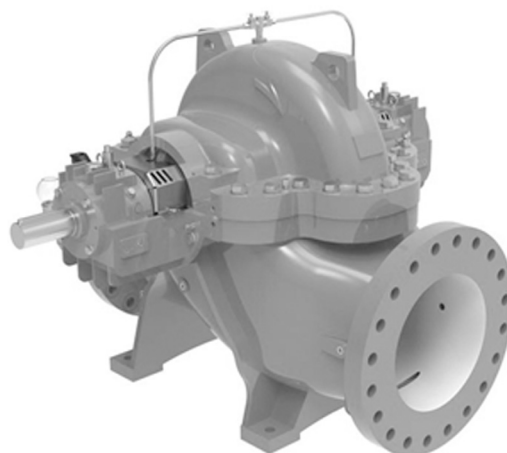
- **Pump with Basement, Coupling and Motor (PBCM)**, that is a frame mounted pump, where the hydraulic part is coupled to an electric motor using a flexible coupling (a standard three-part non spacer or an optional spacer).
- **Pump with Basement and Coupling, but without motor (PBC)**. In this case the pump can be coupled to an electric motor by the customer.
- **Pump End Only (PEO)** or bare shaft pump.

Motor specifications

Squirrel cage in short circuit enclosed construction with external ventilation (TEFC).

- 2-pole, 4-pole, 6-pole or 8-pole ranges
- IP55 protection degree as motor (EN 60034-5)
- Performances according to EN 60034-1.
- IE3 efficiency level for power $0,75 \text{ kW} \leq P \leq 55 \text{ kW}$ and power $> 200 \text{ kW}$ and IE4 efficiency level for power $75 \text{ kW} \leq P \leq 200 \text{ kW}$ as standard according to EN 60034-30:2009 and EN 60034-30-1:2014.
- Insulation class F (155°C)
- Standard voltage: $3 \times 380-415/660-690 \text{ V } 50\text{Hz}$
- PTC as standard offering

Note: clockwise rotation when facing on pump shaft



Hydraulic specifications

- Maximum delivery:
 - up to **11.400** m³/h
- Maximum head:
 - up to **220** m
- Hydraulic performance compliant with ISO 9906:2012 (Grade 2B) and ANSI/HI 14.6
- Fluid temperature range: **-20 to 120°C**
- Maximum operating pressure:
 - Cast Iron, Stainless Steel: 16 bar
 - Ductile Iron, Duplex, Superduplex: 25 bar (few casings are restricted to 16 bar).

Seal Configurations

- Unbalanced rubber mechanical seal on shaft sleeve (std execution)
- Balanced metal pusher mechanical seal on shaft
- Cartridge seal single or double on shaft sleeve
- Optional all mechanical seal versions are available on wet shaft
- Packing on shaft sleeve

Flanges

- **Flanges are drilled according to EN 1092/ISO7005**, PN16, PN25 or PN40.
- Optional flanges ASME/ANSI B16.1 Class 125 and Class 250, or ASME/ANSI B16.5 Class 150 and Class 300 or AWWA Class D, Class F
- Pump does not include counter-flanges.
- Standard execution for all flanges is Flat Face.

Pump Selection

Using Xylem's Xylect selection software for pump selection will save you time due to its easy to use platform and selection flexibility. With ability to be designed and configured in a multitude of ways, the Xylem e-XC single stage, double suction centrifugal pump is available in a variety of sizes, models and materials which allow you to perfectly configure it for your system requirements.

e-XC SERIES for INDUSTRY APPLICATIONS & BENEFITS

Applications

The **e-XC split case pumps** provide a powerful and efficient solution for a wide range of industries including oil & gas, power generation, water utilities, general industry, leisure and mining. It is a configurable single-stage horizontal split-case pump with extensive flow and head coverage and a common in-line configuration for easier installation of new and retrofit pumping systems.

The e-XC series can be used in the following applications:

- Water intake
- Water transfer & circulation
- Water treatment
- Pressure boosting
- Process cooling and heating
- Industrial building cooling and heating
- Industrial fluid transfer & transport
- Produced water transfer & boosting
- Boiler feed booster
- Water park applications

Pumped fluids include:

- Groundwater
- Potable water
- Process water
- Gray/used water
- Seawater, brackish water
- Industrial fluids
- Heat transfer fluids
- Produced water
- Solvents/oil



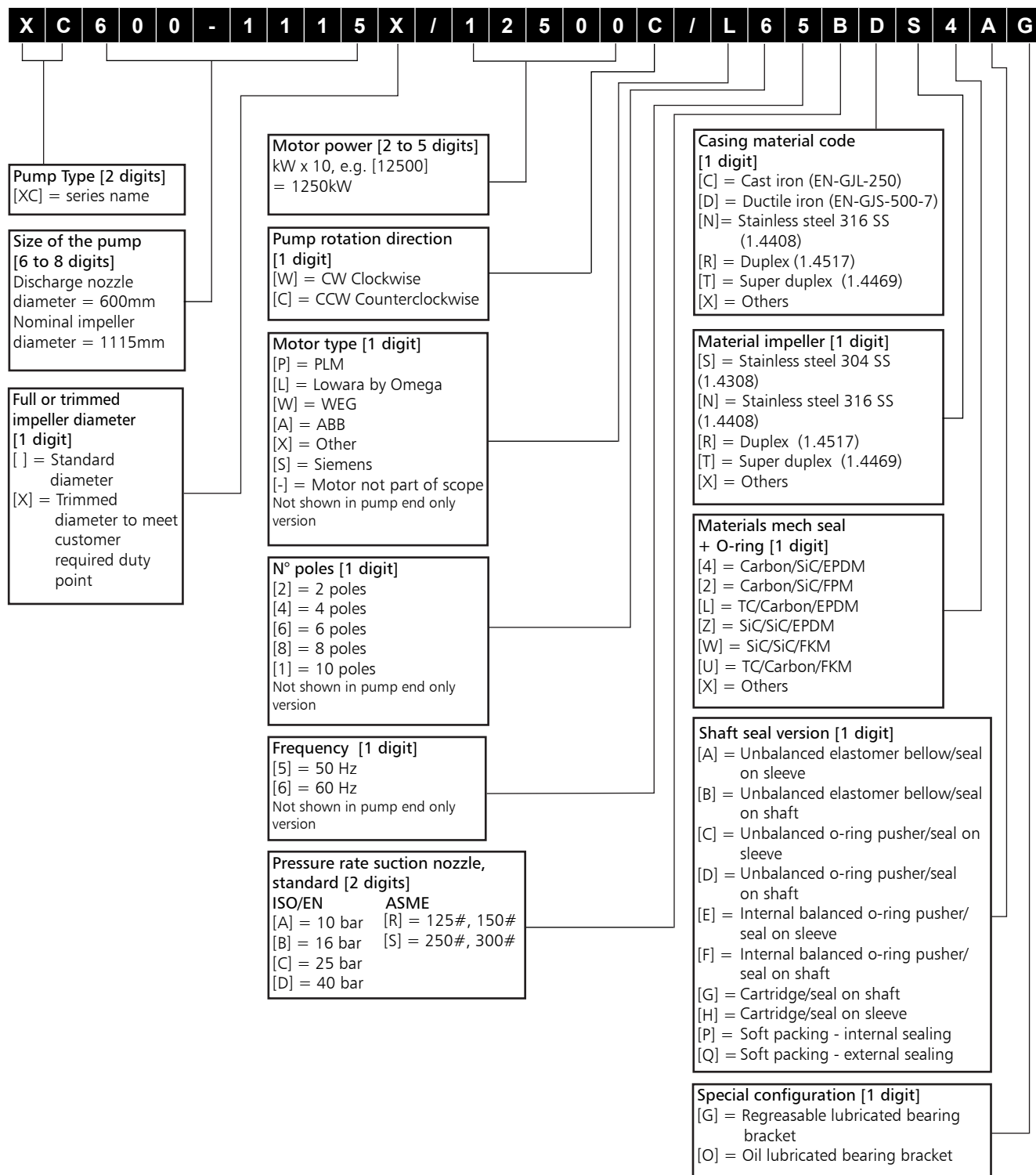
Benefits

The e-XC pump permits to achieve the following benefits:

- **RELIABILITY:** This is a built to perform pump, designed for demanding industrial and municipal application. The robust construction and operation, the choice of materials and the high quality production guarantee a continuous operation without faults and a shorter down time. Features like impeller and casing wear rings, durable dry shaft in stainless steel ASTM 420 and heavy duty bearing brackets have been selected to grant pump robustness and durability.
- **VERSATILITY:** A full range of model sizes matches all needed duty point. A wide range of materials and shaft seals options allow to handle different type of liquids at different conditions. The pump can be suitable for a wide range of applications in public utilities and industrial market.
- **SIMPLICITY:** The modular design optimizes spare parts management and reduces lead time.
- **EFFICIENCY:** The new hydraulics with stainless steel impeller significantly reduce life cycle cost and boost pump performances. With 142 different size options, and hydraulics optimised by computational fluid dynamics calculations, the e-XC range allows you to select the most efficient pump for any duty point up to more than 11.000 m³/h.
- **OPTIMIZATION:** Thanks to the optional Xylem *optimize*, pumps health can be always under control. Data collected in x-Cloud allow predicting maintenance, generating reports and sharing data with other users. Info on vibration, temperature and magnetic flux can be always visualized on a smart device via a dedicated APP. Optional temperature and vibration sensors on the bearing bracket can make real time measurement available to help predict maintenance needs.



e-XC SERIES IDENTIFICATION CODE



EXAMPLES

XC600-540/4000W/-65BNN4FO - Pump mounted on frame, with coupling, motor not part of scope

XC split case pump with base frame and std coupling, discharge size DN600, nominal impeller diameter 540 mm, 400 kW motor, clock wise rotation, motor not part of scope, 6-pole, 50Hz, 16 bar flanges, Stainless Steel 316ss casing, Stainless steel 316ss impeller, Carbon/SiC/EPDM internal balanced o-ring pusher, seal on shaft, oil lubricated bearing bracket.

XC250-390/W/RCSXPG - Pump end only

XC bare shaft split case pump, discharge size DN250, nominal impeller diameter 390 mm, clock wise rotation, ASME 125lbs flanges, Cast Iron casing, Stainless steel 304ss impeller, soft packing internal sealing, grease lubricated bearing bracket.

e-XC SERIES RATING PLATE

The diagram shows a rectangular rating plate with the following fields and features:

- Fields:**
 - TYPE
 - PN
 - kPa
 - Code
 - Year / No.
 - t max
 - °C
 - ØF
 - mm
 - t min
 - °C
 - ØT
 - mm
 - Q [m³/h]
 - H [m]
 - n [rpm]
 - P2 [kW]
 - ηp [%]
- Callouts:**
 - 1: TYPE
 - 2: Code
 - 3: Year / No.
 - 4: Serial number, or order number + order position number
 - 5: kPa
 - 6: t max
 - 7: t min
 - 8: ØF
 - 9: ØT
 - 10: Q [m³/h]
 - 11: H [m]
 - 12: n [rpm]
 - 13: P2 [kW]
 - 14: ηp [%]
 - 15: Weight (kg)
- Other:**
 - UK, CA, CE, EAC logos
 - CAUTION: AFTER STARTING DO NOT OPERATE AGAINST CLOSED VALVE

exc_ratingplate_a

LEGEND

- 1 - Electric pump unit / Pump type
- 2 - Electric pump unit code / Pump code
- 3 - Year of production
- 4 - Serial number, or order number + order position number
- 5 - Maximum operating pressure
- 6 - Maximum operating liquid temperature
- 7 - Minimum operating liquid temperature
- 8 - Full impeller diameter (only filled in for trimmed impellers)
- 9 - Trimmed impeller diameter (only filled in for trimmed impellers)
- 10 - Flow
- 11 - Head
- 12 - Speed
- 13 - Nominal or maximum pump power
- 14 - Hydraulic efficiency in best efficiency point (50 Hz)
- 15 - Weight

Note: for electric pump unit refer to motor data plate for electrical data.

e-XC SERIES

LIST OF MODELS AT 50 Hz

e-XC Pump Model		2-Pole	4-Pole	6-Pole	8-Pole
80-215	80-205	•	•		
80-285	80-270	•	•		
80-315	80-300	•	•		
80-345	80-330		•		
100-165	100-155	•			
100-260	100-250	•	•		
100-325	100-310	•	•		
100-365	100-350	•	•		
100-410	100-390		•	•	
125-195	125-185	•			
125-225	125-215		•		
125-245	125-235	•	•		
125-300	125-285	•	•		
125-355	125-335	•			
125-390	125-370		•	•	
125-475	125-450		•	•	
150-170	150-160		•		
150-300	150-285		•	•	
150-355	150-340		•	•	
150-455	150-435		•	•	
150-560	150-535		•	•	
150-280	150-265	•			
200-200	200-190		•	•	
200-250	200-235		•	•	
200-345	200-330		•	•	
200-425	200-405		•	•	
200-530	200-505		•	•	
200-655	200-625		•	•	
250-200	250-190		•	•	
250-390	250-370		•	•	
250-480	250-455		•	•	
250-610	250-580		•	•	
250-770	250-730		•	•	
300-225	300-215		•	•	
300-255	300-245		•	•	
300-330	300-315		•	•	

e-XC Pump Model		2-Pole	4-Pole	6-Pole	8-Pole
300-450	300-430		•	•	
300-550	300-525		•	•	
300-705	300-680		•	•	
350-300	350-285		•	•	
350-385	350-365		•	•	
350-690	350-655		•	•	
350-780	350-745		•		
350-450	350-430		•	•	
350-530	350-505		•	•	
350-685	350-650			•	
350-845	350-805			•	
400-340	400-325		•	•	
400-525	400-500			•	
400-535	400-510			•	
400-580	400-550		•	•	
400-800	400-760			•	
400-970	400-925			•	
450-390	450-370		•	•	
500-450	500-430		•	•	
500-525	500-500			•	
500-625	500-605			•	
500-715	500-690			•	
500-920	500-875			•	
600-575	600-540			•	
600-610	600-580			•	
600-810	600-770			•	
600-1000	600-950			•	
600-1115	600-1060				•
700-535	700-505			•	
700-615	700-585			•	
700-670	700-635			•	
700-775	700-735				•
700-870	700-830				•
700-995	700-945				•
800-590	800-560			•	

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e-XC SERIES
GENERAL TECHNICAL MECHANICAL DATA

SIZE	DNs	DNd	FRAME SIZE	IMPELLER						SHAFT DIAMETER [mm]			SEAL DIAMETER [mm]				
				Diameter [mm]		Outlet Width [mm]	Suction Eye [mm]	No. Of Vanes	Max. Ball Passage [mm]	at Impeller	at Bearing	at Coupling	Mechanical Seal		Stuffing Box		
				MAX	MIN								Unbalanced & Internal balanced & Cartridge		seal on shaft	seal on sleeve	Packing Dimension
80-215	125	80	35	220	158	24,8	110	6	9	45	35	35	40	60	60	92	16x16
80-205	125	80	35	210	156	23,5	104,5	6	8,5	45	35	35	40	60	60	92	16x16
80-285	125	80	35	285	158	20,4	118	6	9,5	45	35	35	40	60	60	92	16x16
80-270	125	80	35	270	158	19,5	112,2	6	9	45	35	35	40	60	60	92	16x16
80-315	125	80	35	310	130	17,8	111,2	6	9,5	45	35	35	40	60	60	92	16x16
80-300	125	80	35	295	126	16,9	107,4	6	9	45	35	35	40	60	60	92	16x16
80-345	125	80	35	350	162	21,9	128,5	5	12	45	35	35	40	60	60	92	16x16
80-330	125	80	35	335	160	20,7	122,1	5	11,5	45	35	35	40	60	60	92	16x16
100-165	125	100	35	165	128	29,6	105	5	8,5	45	35	35	40	60	60	92	16x16
100-155	125	100	35	155	125	28,3	99,8	5	8	45	35	35	40	60	60	92	16x16
100-260	150	100	35	265	180	29	130	6	10,5	45	35	35	40	60	60	92	16x16
100-250	150	100	35	255	175	27,2	123,5	6	10	45	35	35	40	60	60	92	16x16
100-325	150	100	45	330	178	23,2	137	6	10,5	55	45	45	50	70	70	102	16x16
100-310	150	100	45	315	175	21,9	130,2	6	10	55	45	45	50	70	70	102	16x16
100-365	150	100	45	375	155	21,2	136,8	6	10,5	55	45	45	50	70	70	102	16x16
100-350	150	100	45	355	151	20,2	130	6	10,5	55	45	45	50	70	70	102	16x16
100-410	150	100	35	410	176	26,1	137,4	5	14	45	35	35	40	60	60	92	16x16
100-390	150	100	35	390	172	24,8	130,6	5	13,5	45	35	35	40	60	60	92	16x16
125-195	150	125	35	195	155	38,8	122	6	11,5	45	35	35	40	60	60	92	16x16
125-185	150	125	35	185	150	36,9	116	6	10,5	45	35	35	40	60	60	92	16x16
125-225	150	125	35	220	178	37,6	138,1	6	13	45	35	35	40	60	60	92	16x16
125-215	150	125	35	210	176	35,6	131,2	6	12,5	45	35	35	40	60	60	92	16x16
125-245	200	125	45	250	193	43,2	157,7	6	16	55	45	45	50	70	70	102	16x16
125-235	200	125	45	240	193	40,6	149,8	6	14,5	55	45	45	50	70	70	102	16x16
125-300	200	125	45	310	193	37	158,9	6	16	55	45	45	50	70	70	102	16x16
125-285	200	125	45	295	189	35,1	150,9	6	15	55	45	45	50	70	70	102	16x16
125-355	200	125	55	355	184	28,1	177	6	18	65	55	55	60	80	80	120	20x20
125-335	200	125	55	340	184	25,4	171	6	17	65	55	55	60	80	80	120	20x20
125-390	200	125	45	395	201	33,4	160,8	6	16	55	45	45	50	70	70	102	16x16
125-370	200	125	45	375	196	31,7	152,8	6	15	55	45	45	50	70	70	102	16x16
125-475	200	125	45	480	196	28	157,6	6	16	55	45	45	50	70	70	102	16x16
125-450	200	125	45	455	192	26,6	155,5	6	15,5	55	45	45	50	70	70	102	16x16
150-170	200	150	35	182	165	43,6	126	6	12	45	35	35	40	60	60	92	16x16
150-160	200	150	35	173	157	41,4	121	6	11,5	45	35	35	40	60	60	92	16x16
150-280	250	150	55	285	233	49,2	189,8	6	16	65	55	55	60	80	80	120	20x20
150-265	250	150	55	270	228	46,9	180,3	6	15,5	65	55	55	60	80	80	120	20x20

C.F. = please Consult Factory

e-XC_b-en_id 1

e-XC SERIES
GENERAL TECHNICAL MECHANICAL DATA

SIZE	DNs	DNd	FRAME SIZE	Diameter [mm]		IMPELLER				SHAFT DIAMETER [mm]			SEAL DIAMETER [mm]					
						Outlet Width [mm]	Suction Eye [mm]	No. Of Vanes	Max. Ball Passage [mm]	at Impeller	at Bearing	at Coupling	Mechanical Seal		Stuffing Box			
				Unbalanced & Internal balanced & Cartridge	seal on shaft								seal on sleeve					
														Inner Ø	Outer Ø	Packing Dimension		
150-300	200	150	45	305	228	52,1	191,4	6	19	55	45	45	50	70	70	102	16x16	
150-285	200	150	45	290	223	49,4	181,8	6	18	55	45	45	50	70	70	102	16x16	
150-355	200	150	45	370	228	44,1	189,5	6	18,5	55	45	45	50	70	70	102	16x16	
150-340	200	150	45	350	224	42	180	6	18	55	45	45	50	70	70	102	16x16	
150-455	200	150	55	455	238	38,8	195,5	6	18	65	55	55	60	80	80	120	20x20	
150-435	200	150	55	435	234	36,7	188,9	6	17	65	55	55	60	80	80	120	20x20	
150-560	200	150	65	565	241	32,8	198,4	6	18,5	75	65	65	70	90	90	130	20x20	
150-535	200	150	65	540	237	31	188,5	6	17,5	75	65	65	70	90	90	130	20x20	
200-200	200	200	35	205	166	58,2	144,6	6	17,5	45	35	35	40	60	60	92	16x16	
200-190	200	200	35	165	160	55,2	137,3	6	16	45	35	35	40	60	60	92	16x16	
200-250	250	200	45	255	208	70,4	176,1	6	20	55	45	45	50	70	70	102	16x16	
200-235	250	200	45	240	198	67,1	167,3	6	19	55	45	45	50	70	70	102	16x16	
200-345	250	200	55	350	263	60,5	220,9	6	21,5	65	55	55	60	80	80	120	20x20	
200-330	250	200	55	335	256	57	209,9	6	20,5	65	55	55	60	80	80	120	20x20	
200-425	250	200	55	430	273	52,7	224,9	6	21,5	65	55	55	60	80	80	120	20x20	
200-405	250	200	55	410	266	49,9	212,3	6	20,5	65	55	55	60	80	80	120	20x20	
200-530	250	200	65	535	273	45,1	228,1	6	21	75	65	65	70	90	90	130	20x20	
200-505	250	200	65	510	266	42,7	216,7	6	20	75	65	65	70	90	90	130	20x20	
200-655	250	200	75	655	283	38,8	235	6	21	85	75	75	80	100	100	140	20x20	
200-625	250	200	75	625	277	36,7	223,3	6	20	85	75	75	80	100	100	140	20x20	
250-200	250	250	35	205	195	84,5	165,2	6	20	45	35	35	40	60	60	92	16x16	
250-190	250	250	35	195	185	80,1	157	6	19	45	35	35	40	60	60	92	16x16	
250-390	300	250	65	390	303	69,7	250,2	6	24,5	75	65	65	70	90	90	130	20x20	
250-370	300	250	65	370	297	66,4	237,7	6	23,5	75	65	65	70	90	90	130	20x20	
250-480	300	250	65	490	306	58,1	250,3	6	24	75	65	65	70	90	90	130	20x20	
250-455	300	250	65	465	299	55,3	237,8	6	23	75	65	65	70	90	90	130	20x20	
250-610	300	250	85	610	318	52,3	262,8	6	24	95	85	85	90	110	110	150	20x20	
250-580	300	250	85	580	311	49,4	249,7	6	23	95	85	85	90	110	110	150	20x20	
250-770	300	250	85	770	300	44,2	262,5	6	34	95	85	85	90	110	110	150	20x20	
250-730	300	250	85	730	293	42,1	253	6	33	95	85	85	90	110	110	150	20x20	
300-225	300	300	45	235	215	113	199,3	4	32	55	45	45	50	70	70	102	16x16	
300-215	300	300	45	224	205	106	189,4	4	30,5	55	45	45	50	70	70	102	16x16	
300-255	300	300	45	250	238	101	206,4	6	24,5	55	45	45	50	70	70	102	16x16	
300-245	300	300	45	240	228	94,8	196,1	6	23	55	45	45	50	70	70	102	16x16	

C.F. = please Consult Factory

e-XC_b-en_td 2

e-XC SERIES
GENERAL TECHNICAL MECHANICAL DATA

SIZE	DNs	DNd	FRAME SIZE	IMPELLER						SHAFT DIAMETER [mm]			SEAL DIAMETER [mm]				
				Diameter [mm]		Outlet Width [mm]	Suction Eye [mm]	No. Of Vanes	Max. Ball Passage [mm]	at Impeller	at Bearing	at Coupling	Mechanical Seal		Stuffing Box		
													Unbalanced & Internal balanced & Cartridge				
				MAX	MIN	seal on shaft	seal on sleeve	Inner Ø	Outer Ø	Packing Dimension							
300-330	350	300	65	335	278	95,5	237	6	27,5	75	65	65	70	90	90	130	20x20
300-315	350	300	65	320	274	90,5	225	6	26,5	75	65	65	70	90	90	130	20x20
300-450	400	300	75	455	343	80	289,4	6	27,5	85	75	75	80	100	100	140	20x20
300-430	400	300	75	430	335	76,4	274,9	6	26	85	75	75	80	100	100	140	20x20
300-550	400	300	85	565	345	68,5	292,1	6	28	95	85	85	90	110	110	150	20x20
300-525	400	300	85	540	338	64,8	277,5	6	27	95	85	85	90	110	110	150	20x20
300-705	400	300	95	720	365	52	300	6	26,5	105	95	95	100	120	120	160	20x20
300-680	400	300	95	685	356	49,3	285	6	25	105	95	95	100	120	120	160	20x20
350-300	350	350	45	290	265	113	229,2	6	27,5	55	45	45	50	70	70	102	16x16
350-285	350	350	45	275	250	108	217,8	6	26,5	55	45	45	50	70	70	102	16x16
350-385	400	350	75	385	321	108	268,6	6	31	85	75	75	80	100	100	140	20x20
350-365	400	350	75	365	312	102	255,2	6	29,5	85	75	75	80	100	100	140	20x20
350-450	450	350	85	455	368	126	315,6	6	36	95	85	85	90	110	110	150	20x20
350-430	450	350	85	435	359	120	299,8	6	34,5	95	85	85	90	110	110	150	20x20
350-530	450	350	85	540	405	92,8	339,9	6	C.F.	95	85	85	90	110	110	150	20x20
350-505	450	350	85	515	393	87,8	322,9	6	31	95	85	85	90	110	110	150	20x20
350-685	500	350	85	C.F.	C.F.	82,2	350,8	6	28	95	85	85	90	110	110	150	20x20
350-650	500	350	85	C.F.	C.F.	78	333	6	27	95	85	85	90	110	110	150	20x20
350-690	400	350	105	705	383	76,3	306	7	29,7	115	105	105	110	130	130	170	20x20
350-655	400	350	105	670	371	72,5	290,7	7	28	115	105	105	110	130	130	170	20x20
350-780	400	350	120	C.F.	C.F.	60,1	340	6	C.F.	130	120	120	125	150	150	190	20x20
350-745	400	350	120	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	130	120	120	125	150	150	190	20x20
350-845	500	350	95	C.F.	C.F.	63,1	343,3	6	C.F.	106	95	95	100	120	120	160	20x20
350-805	500	350	95	C.F.	C.F.	60,1	326,9	6	C.F.	106	95	95	100	120	120	160	20x20
400-340	400	400	55	333	315	134	266,3	6	32,5	65	55	55	60	80	80	120	20x20
400-325	400	400	55	305	290	129	253	6	31	65	55	55	60	80	80	120	20x20
400-525	500	400	95	530	505	125	344,5	7	34	105	95	95	100	120	120	160	20x20
400-500	500	400	95	418	408	119	327,8	7	32,5	105	95	95	100	120	120	160	20x20
400-535	500	400	75	C.F.	C.F.	114	329,1	6	C.F.	86	75	75	80	100	100	140	20x20
400-510	500	400	75	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	86	75	75	80	100	100	140	20x20
400-580	500	400	105	585	433	102	370,5	6	36	115	105	105	110	130	130	170	20x20
400-550	500	400	105	555	428	96,9	352	6	34,5	115	105	105	110	130	130	170	20x20

C.F. = please Consult Factory

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e-XC SERIES

GENERAL TECHNICAL MECHANICAL DATA

SIZE	DNs	DNd	FRAME SIZE	IMPELLER						SHAFT DIAMETER [mm]			SEAL DIAMETER [mm]				
				Diameter [mm]		Outlet Width [mm]	Suction Eye [mm]	No. Of Vanes	Max. Ball Passage [mm]	at Impeller	at Bearing	at Coupling	Mechanical Seal		Stuffing Box		
				MAX	MIN								Unbalanced & Internal balanced & Cartridge	seal on shaft			
													seal on sleeve		Inner Ø	Outer Ø	Packing Dimension
400-800	600	400	105	C.F.	C.F.	95,1	404,5	6	C.F.	116	105	105	110	130	130	170	20x20
400-760	600	400	105	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	116	105	105	110	130	130	170	20x20
400-970	600	400	120	C.F.	C.F.	74,1	399,2	6	C.F.	130	120	120	125	150	150	190	20x20
400-925	600	400	120	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	130	120	120	125	150	150	190	20x20
450-390	500	450	65	381	350	151	302,6	6	36,5	75	65	65	70	90	90	130	20x20
450-370	500	450	65	362	330	143	287,5	6	35	75	65	65	70	90	90	130	20x20
500-450	600	500	85	435	400	180	351,1	6	43	95	85	85	90	110	110	150	20x20
500-430	600	500	85	415	380	170	333,5	6	41	95	85	85	90	110	110	150	20x20
500-525	600	500	85	C.F.	C.F.	138	333,4	7	C.F.	95	85	85	90	110	110	150	20x20
500-500	600	500	85	C.F.	C.F.	131	316,7	7	C.F.	95	85	85	90	110	110	150	20x20
500-625	600	500	95	C.F.	C.F.	132	380,8	6	C.F.	105	95	95	100	120	120	160	20x20
500-605	600	500	95	C.F.	C.F.	126	361,8	6	C.F.	105	95	95	100	120	120	160	20x20
500-715	700	500	120	C.F.	C.F.	151	435,2	6	C.F.	130	120	120	125	150	150	190	20x20
500-690	700	500	120	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	130	120	120	125	150	150	190	20x20
500-920	700	500	140	C.F.	C.F.	111	471,5	6	C.F.	151	140	140	145	170	170	215	22x22
500-875	700	500	140	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	151	140	140	145	170	170	215	22x22
600-575	700	600	95	C.F.	C.F.	208	431,7	6	C.F.	105	95	95	100	120	120	160	20x20
600-540	700	600	95	C.F.	C.F.	199	410,7	6	C.F.	105	95	95	100	120	120	160	20x20
600-610	700	600	105	C.F.	C.F.	147	415,4	6	C.F.	116	105	105	110	130	130	170	20x20
600-580	700	600	105	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	116	105	105	110	130	130	170	20x20
600-810	800	600	140	C.F.	C.F.	170	489,6	6	C.F.	151	140	140	145	170	170	215	22x22
600-770	800	600	140	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	151	140	140	145	170	170	215	22x22
600-1000	800	600	160	C.F.	C.F.	118	505	6	C.F.	171	160	150	165	190	190	235	22x22
600-950	800	600	160	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	171	160	150	165	190	190	235	22x22
600-1115	800	600	170	C.F.	C.F.	133	569,8	6	C.F.	181	170	160	165	190	190	235	22x22
600-1060	800	600	170	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	181	170	160	165	190	190	235	22x22
700-535	700	700	95	C.F.	C.F.	153	410	5	C.F.	106	95	95	100	120	120	160	20x20
700-505	700	700	95	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	106	95	95	100	120	120	160	20x20
700-615	800	700	120	C.F.	C.F.	234	484,4	6	C.F.	130	120	120	125	150	150	190	20x20
700-585	800	700	120	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	130	120	120	125	150	150	190	20x20
700-670	800	700	120	C.F.	C.F.	164	465,5	6	C.F.	131	120	120	125	150	150	190	20x20
700-635	800	700	120	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	131	120	120	125	150	150	190	20x20
700-775	800	700	140	C.F.	C.F.	183	518,9	0	C.F.	151	140	140	125	150	150	190	20x20
700-735	800	700	140	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	151	140	140	125	150	150	190	20x20
700-870	800	700	140	C.F.	C.F.	185	533,1	6	C.F.	151	140	140	145	170	170	215	22x22
700-830	800	700	140	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	151	140	140	145	170	170	215	22x22
700-995	900	700	170	C.F.	C.F.	207	594,7	6	C.F.	181	170	160	175	200	200	250	25x25
700-945	900	700	170	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	181	170	160	175	200	200	250	25x25
800-590	800	800	120	C.F.	C.F.	171	455,1	5	C.F.	130	120	120	110	130	130	170	20x20
800-560	800	800	120	C.F.	C.F.	C.F.	C.F.	C.F.	C.F.	130	120	120	110	130	130	170	20x20

C.F. = please Consult Factory

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e-XC SERIES AVAILABLE MATERIALS

Various material configurations are available to fit the needs of different pumped mediums and applications requirements. Below are the specifics regarding the material configurations and their availability for the different pump sizes. The material identification codes are the same used in the pump description.

Ref	PART	STANDARD		MATERIAL			
				AVAILABLE OPTIONS*			
1	External flush line	304 SS	316 SS	Nylon			
2	Upper casing	Cast Iron EN GJL 250	Ductile Iron EN-GJS-500-7	316 SS	Duplex SS	Super Duplex	-
3	Gasket (parting flange)	Cardboard					
4	Outboard end cap	1.0038					
5	Gasket (bearing gland)	Fishpaper					
6	Bearing housing	Cast Iron, EN GJL 200					
7	Shaft guard	1.0038		304 SS	316 SS		
8	Locknut and tab washer (outboard bearing only)	Ck45					
9	Deep groove ball bearing (single row)	Bearing Steel					
10	Shoulder ring (outboard bearing only)	Ck45					
11	Bearing gland	1.0038					
12	Bearing seal ring (labyrinth seal)	Cast Iron, EN GJL 250					
13	Seal gland	1.0038		304 SS	316 SS	Duplex SS	Super Duplex
14	O-ring (seal gland)	FKM					
15	Stuffing box with O-rings	Cast Iron, EN GJL 200 / FKM					
16	Mechanical seal*	Unbalanced Elastomer Bellow	Unbalanced O-Ring Pusher	Internal Balanced O-Ring Pusher	Cartridge	-	-
17	Drive Ring (unbalanced elastomer Bellow only)	304 SS		316 SS	Duplex SS	Super Duplex	
18	Shaft sleeve nut	304 SS		316 SS	Duplex SS	Super Duplex	
19	Tab washer (shaft sleeve nut)	304 SS				-	-
20	Shaft sleeve	304 SS		316 SS	Duplex SS	Super Duplex	-
21	O-ring (shaft sleeve)	FKM					
22	Impeller hub sleeve	304 SS		316 SS	Duplex SS	Super Duplex	
23	Gasket (impeller hub sleeve)	PTFE					
24	Casing wear ring	Bronze		304 SS	Duplex SS	Nitronic 60	Super Duplex
25	O-ring (casing wear ring)	FKM					
26	Impeller wear rings	304 SS		316 SS	Super Duplex		
27	Impeller	304 SS		316 SS	Super Duplex	-	-
28	Impeller Key	CK45					
29	Shaft	1.4021 wet design	1.7035 dry design	1.4462 wet design	1.7220 dry design	-	-
30	Heterotype key (shaft sleeve)	304 SS					
31	Coupling key	CK45					
32	Lower casing	Cast Iron EN GJL 250	Ductile Iron EN-GJS-500-7	316 SS	Duplex SS	Super Duplex	-

*For mechanical seal material configuration details, see "Mechanical Seals" section.

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REFERENCE STANDARD

	MATERIAL		REFERENCE STANDARDS		
	DESIGNATION	CODE	EN	CHINESE	US*)
Cast Products	Cast Iron	EN-GJL-200	EN-GJL-200	HT200	ASTM A48-class 30
	Cast Iron	EN-GJL-250	EN-GJL-250	HT250	ASTM A48-class 35
	Ductile Iron	EN-GJS-500-7	EN-GJS-500-7	QT500-7	ASTM A536, 80-55-06
	Bronze	Bronze	CuSn8Zn4	CuSn8Zn4	ASTM - C90300
	Stainless steel Silicon	Nitronic 60	-	-	Nitronic 60
	Stainless steel	304 SS	1.4308	ZG0Cr18Ni9	ASTM - CF8
	Stainless steel	316 SS	1.4408	ZG07Cr19Ni11Mo3	ASTM - CF8M
	Duplex	Duplex SS	1.4517	GX2CrNiMoCuN25-6-3-3	ASTM - CD4MCuN
Fabricated Products	Super Duplex	Super Duplex	1.4469	GX2CrNiMoN26-7-4	ASTM - CE3MN
	Bearing Steel (Carbonst.)	Bearing Steel	-	-	-
	Carbon Steel	Ck45	1.1191	45	AISI - 1045
	Carbon Steel Plate	1.0038	1.0038	Q235-B	ASTM - A36
	Stainless steel	304 SS	1.4301	0Cr18Ni9	AISI - 304
	Stainless steel	316 SS	1.4401	0Cr17Ni12Mo2	AISI - 316
	Duplex Stainless Steel	Duplex SS	1.4462	X2CrNiMoN22-5-3	ASTM - F51, AISI - 2205
	Super Duplex Steel	Super Duplex	1.4410	X2CrNiMoN25-7-4	ASTM - F53
	Stainless steel - shaft	1.7220	1.7220	35CrMo	AISI - 4135
	Stainless steel - shaft	1.7035	1.7035	40Cr	AISI - 5140
	Stainless steel - shaft	1.4021	1.4021	2Cr13	ASTM - 420
	Duplex - shaft	1.4462	1.4462	X2CrNiMoN22-5-3	ASTM - F51, AISI - 2205
Gasket Products	FKM	Fluoro-Elastomer	-	-	-
	PTFE COMPOUND	Modified PTFE	-	-	-
	FISHPAPER	Vulcanized Fibre Paper	-	-	-
	CARDBOARD	Free of Asbestos	-	-	-

*) ... Similar Grade

eXC-mat-en_a_tm

e-XC SERIES

PUMP CASING DATA 50 Hz

Pump casing designs and characteristics vary within the e-XC pump family. The table below outlines casing properties by pump model. Cast iron is the standard casing material, in case option both cast iron and ductile iron casings are available for the same pump model. Pressure ratings indicate max working pressure of the pump. For details regarding drop-in and integrated seal chamber designs, see 'e-XC Pump Casing Variants'.

No.	e-XC Pump Model		Seal Chamber Type	Volute Type	Cast Iron (16 bar)	Ductile Iron (16 bar)	Ductile Iron (25 bar)	Ductile Iron (31 bar)	Stainless steel (PN16)	Duplex Superduplex (PN16)	Duplex Superduplex (PN25)	Duplex Superduplex (PN31)
1	80-215	80-205	Drop-in	Single	•		•		•	•	•	
2	80-285	80-270	Drop-in	Single	•		•		•	•	•	
3	80-315	80-300	Drop-in	Single			•				•	
4	80-345	80-330	Drop-in	Single	•		•		•	•	•	
5	100-165	100-155	Drop-in	Single	•		•		•	•	•	
6	100-260	100-250	Drop-in	Single	•		•		•	•	•	
7	100-325	100-310	Drop-in	Single	•			•	•	•		•
8	100-365	100-350	Drop-in	Single	•		•		•	•	•	
9	100-410	100-390	Drop-in	Single	•		•		•	•	•	
10	125-195	125-185	Drop-in	Single	•		•		•	•	•	
11	125-225	125-215	Drop-in	Single	•		•		•	•	•	
12	125-245	125-235	Drop-in	Single	•		•		•	•	•	
13	125-300	125-285	Drop-in	Single	•		•		•	•	•	
14	125-355	125-335	Drop-in	Single				•				•
15	125-390	125-370	Drop-in	Single	•		•		•	•	•	
16	125-475	125-450	Drop-in	Single	•		•		•	•	•	
17	150-170	150-160	Drop-in	Single	•		•		•	•	•	
18	150-300	150-285	Drop-in	Single	•		•		•	•	•	
19	150-355	150-340	Drop-in	Single	•		•		•	•	•	
20	150-455	150-435	Drop-in	Single	•		•		•	•	•	
21	150-560	150-535	Drop-in	Dual			•				•	
22	150-280	150-265	Drop-in	Single			•				•	
23	200-200	200-190	Drop-in	Single	•		•		•	•	•	
24	200-250	200-240	Drop-in	Single	•		•		•	•	•	
25	200-345	200-330	Drop-in	Single	•		•		•	•	•	
26	200-425	200-405	Drop-in	Single	•		•		•	•	•	
27	200-530	200-505	Drop-in	Dual			•				•	
28	200-655	200-625	Drop-in	Dual				•				•
29	250-200	250-190	Drop-in	Dual	•		•		•	•	•	
30	250-390	250-370	Drop-in	Single	•		•		•	•	•	
31	250-480	250-455	Drop-in	Single	•		•		•	•	•	
32	250-610	250-580	Drop-in	Dual			•				•	
33	250-770	250-730	Drop-in	Dual			•				•	
34	300-225	300-215	Drop-in	Dual	•		•		•	•	•	
35	300-255	300-245	Drop-in	Dual	•		•		•	•	•	

Seal Chamber Type: Drop-in or Integrated see page 23... Pump Casing Variants

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Volute Type: Single means without splitter in discharge - Dual means with splitter in discharge

e-XC SERIES

PUMP CASING DATA 50 Hz

Pump casing designs and characteristics vary within the e-XC pump family. The table below outlines casing properties by pump model. Cast iron is the standard casing material, option both cast iron and ductile iron casings are available for the same pump model. Pressure ratings indicate max working pressure of the pump. For details regarding drop-in and integrated seal chamber designs, see 'e-XC Pump Casing Variants'.

No.	e-XC Pump Model		Seal Chamber Type	Volute Type	Cast Iron (16 bar)	Ductile Iron (16 bar)	Ductile Iron (25 bar)	Ductile Iron (31 bar)	Stainless steel (PN16)	Duplex Superduplex (PN16)	Duplex Superduplex (PN25)	Duplex Superduplex (PN31)
36	300-330	300-315	Drop-in	Single	•		•		•	•	•	
37	300-450	300-430	Drop-in	Single	•		•		•	•	•	
38	300-550	300-525	Drop-in	Single			•				•	
39	300-705	300-680	Drop-in	Dual				•				•
40	350-300	350-285	Drop-in	Dual	•		•		•	•	•	
41	350-385	350-365	Drop-in	Single	•		•		•	•	•	
42	350-690	350-655	Drop-in	Dual				•				•
43	350-780	350-745	Integrated	Dual			•				•	
44	350-450	350-430	Drop-in	Dual	•		•		•	•	•	
45	350-530	350-505	Drop-in	Dual	•		•		•	•	•	
46	350-685	350-650	Integrated	Dual	•				•	•		
47	350-845	350-805	Integrated	Dual		•				•		
48	400-340	400-325	Drop-in	Dual	•		•		•	•	•	
49	400-525	400-500	Drop-in	Dual	•		•		•	•	•	
50	400-535	400-510	Drop-in	Dual	•				•	•		
51	400-580	400-550	Drop-in	Dual			•				•	
52	400-800	400-760	Integrated	Dual		•				•		
53	400-970	400-925	Integrated	Dual			•				•	
54	450-390	450-370	Drop-in	Dual	•		•		•	•	•	
55	500-450	500-430	Drop-in	Dual	•		•		•	•	•	
56	500-525	500-500	Integrated	Dual	•				•	•		
57	500-625	500-605	Integrated	Dual	•				•	•		
58	500-715	500-690	Integrated	Dual	•				•	•		
59	500-920	500-875	Integrated	Dual		•				•		
60	600-575	600-540	Integrated	Dual	•				•	•		
61	600-610	600-580	Integrated	Dual	•				•	•		
62	600-810	600-770	Integrated	Dual		•				•		
63	600-1000	600-950	Integrated	Dual			•				•	
64	600-1115	600-1060	Integrated	Dual		•				•		
65	700-535	700-505	Integrated	Dual	•				•	•		
66	700-615	700-585	Integrated	Dual	•				•	•		
67	700-670	700-635	Integrated	Dual	•				•	•		
68	700-775	700-735	Integrated	Dual	•				•	•		
69	700-870	700-830	Integrated	Dual	•				•	•		
70	700-995	700-945	Integrated	Dual	•				•	•		
71	800-590	800-560	Integrated	Dual	•				•	•		

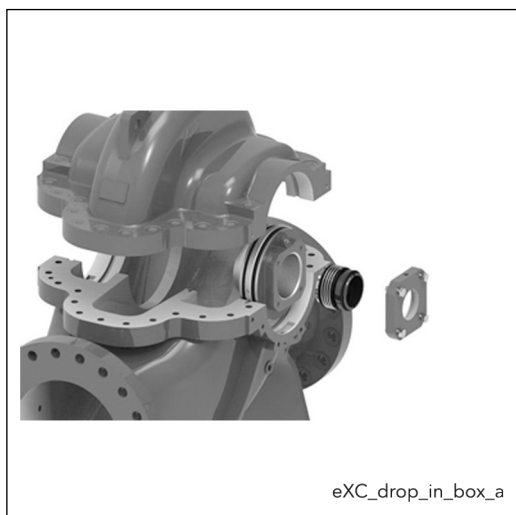
Seal Chamber Type: Drop-in or Integrated see page 23... Pump Casing Variants

XC_casing-data_50Hz_b_sc 2

Volute Type: Single means without splitter in discharge - Dual means with splitter in discharge

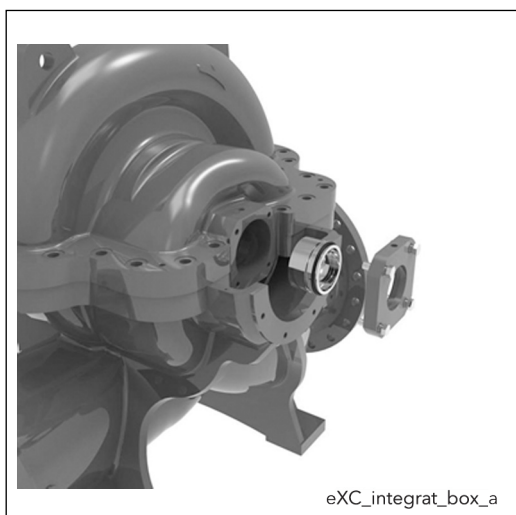
e-XC SERIES PUMP CASING VARIANTS

Drop-in Stuffing Box Design (Drop-in Seal Chamber)



The drop-in stuffing box design utilizes a removable stuffing box. This design allows a pre-assembled rotating assembly to be installed into the lower casing. Seal gland, cartridge seals, and packing glands are affixed to the stuffing box in for this design variant. Flush lines connect to seal gland or stuffing box ports for all sealing configurations.

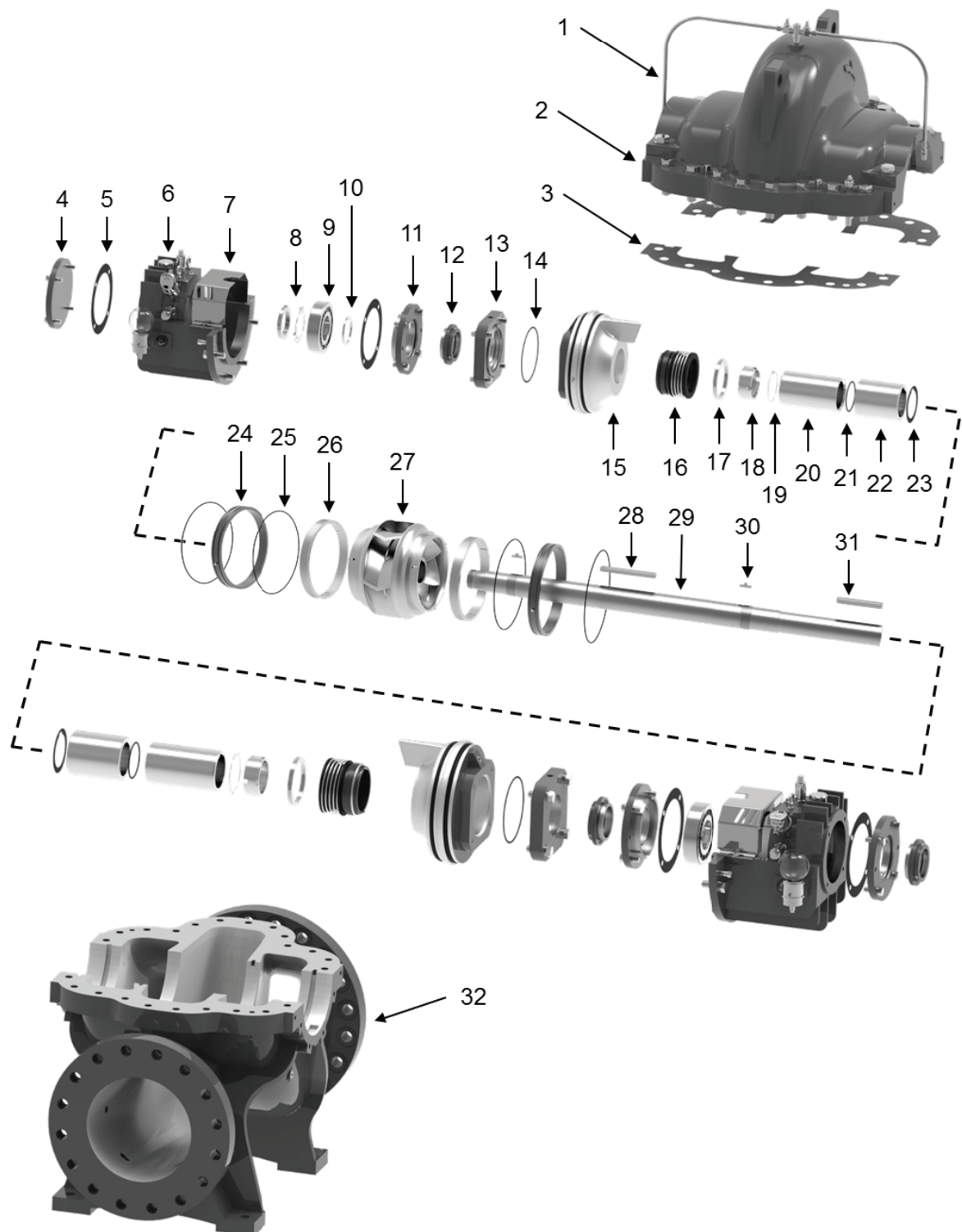
Integrated Stuffing Box Design (Integrated Seal Chamber)



The integrated stuffing box design omits the need for a separate stuffing box. Instead, the upper and lower casing halves form a seal chamber when the pump is assembled. Seal gland, cartridge seals, and packing glands are fastened directly to the pump casing. Flush lines connect to seal gland ports for mechanical and cartridge seal configurations. Flush lines connect to ports located on top of the upper casing for the packing seal configuration.

e-XC SERIES

ELECTRIC PUMP CROSS-SECTION AND MAIN COMPONENTS

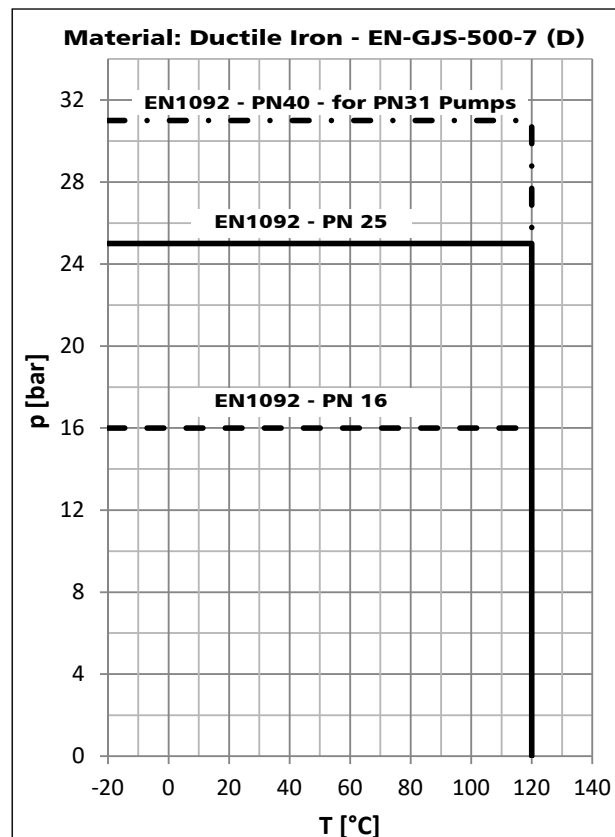
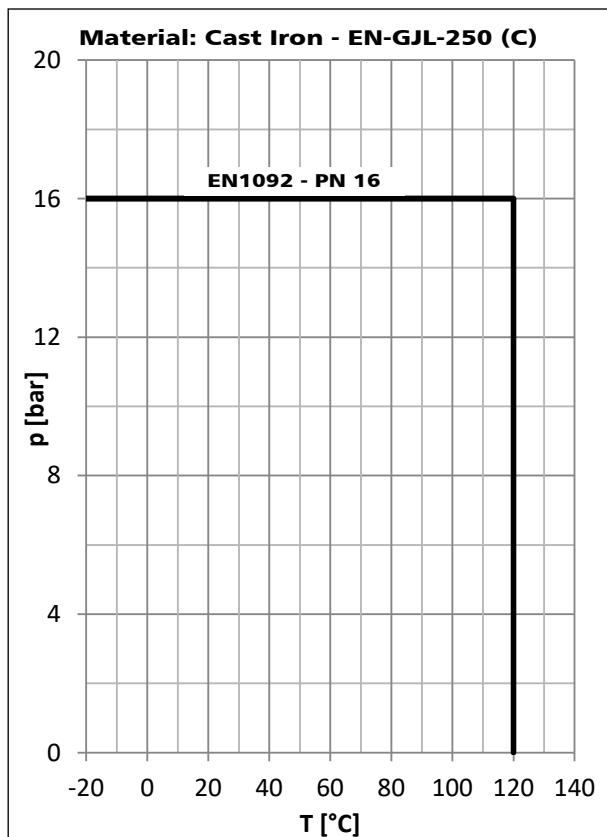


eXC_components_a

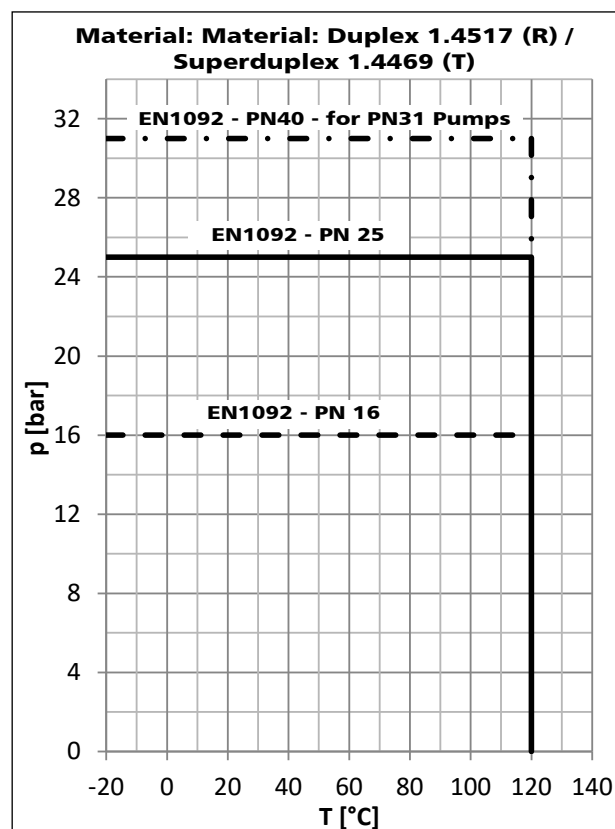
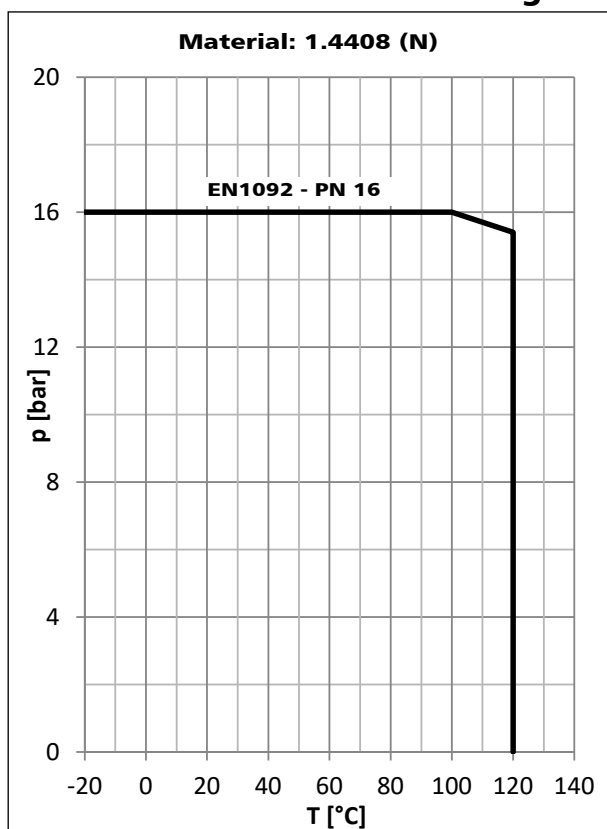
e-XC SERIES

PRESSURE/TEMPERATURE FOR PUMP FLANGES ACCORDING TO CASING MATERIAL

Flange Standard EN1092-2

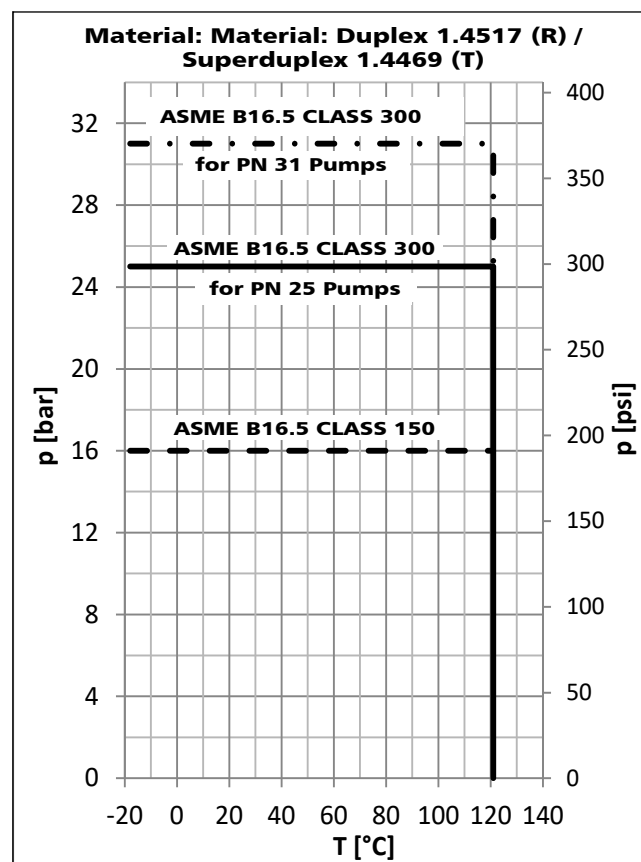
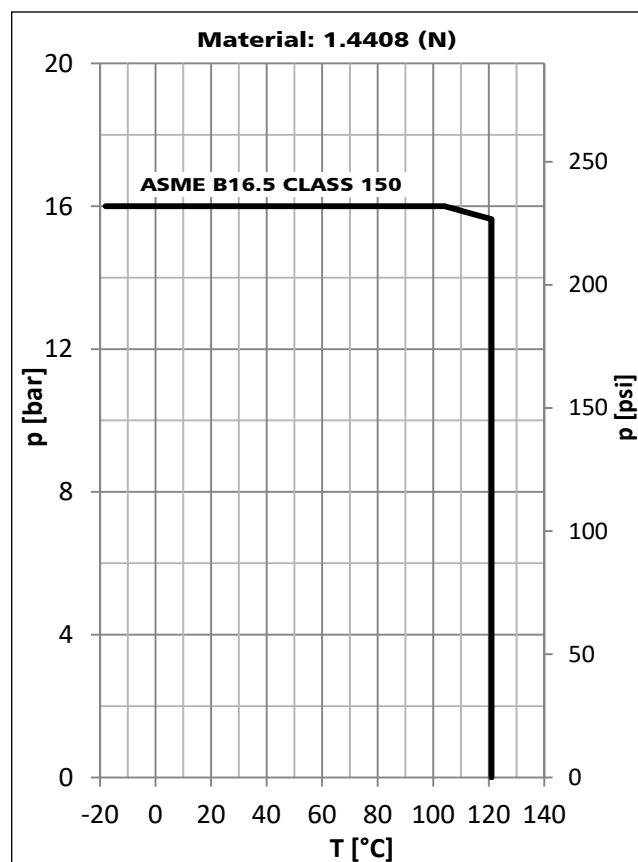
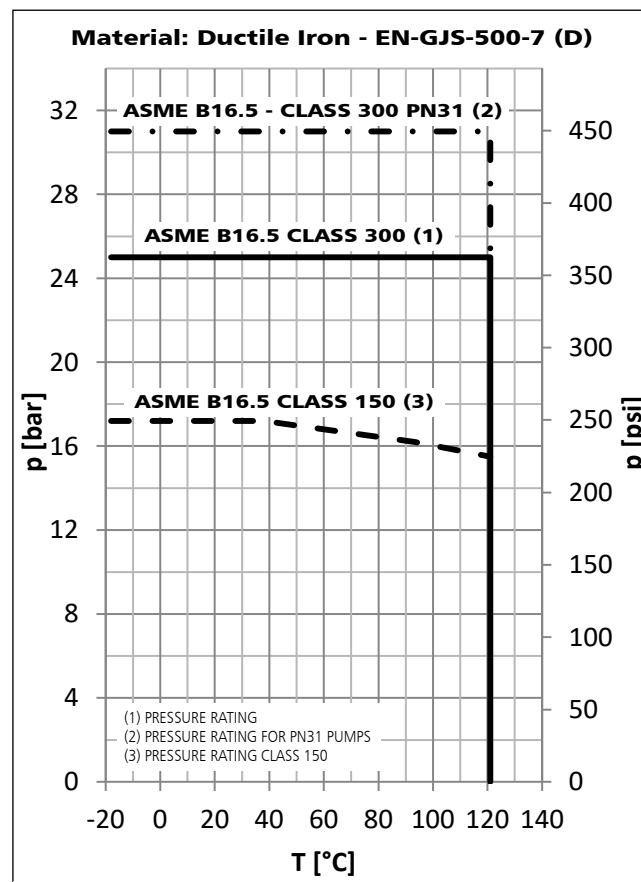
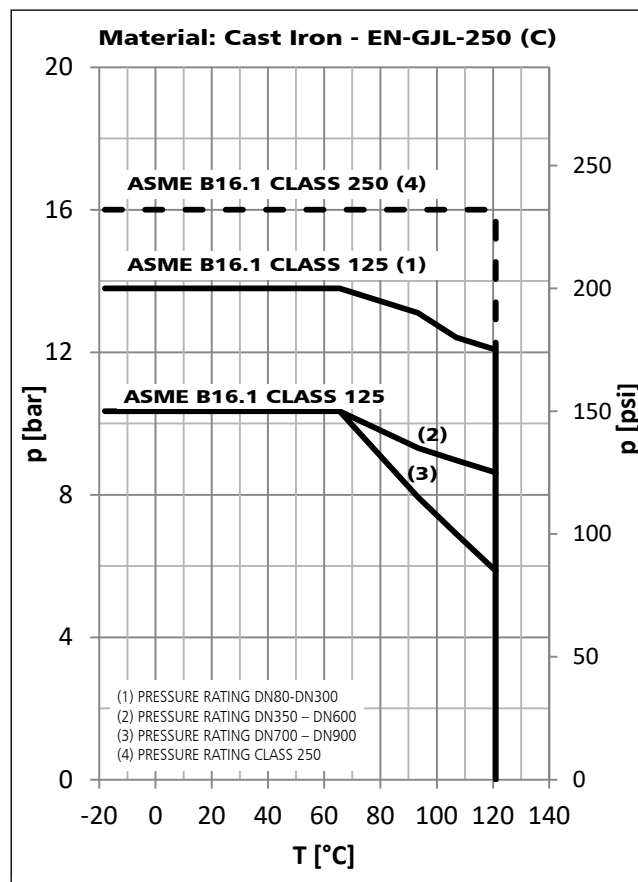


Flange Standard EN1092-1



e-XC SERIES

PRESSURE/TEMPERATURE LIMITS FOR PUMP FLANGES ACCORDING ASME AND CASING MATERIAL



e-XC SERIES

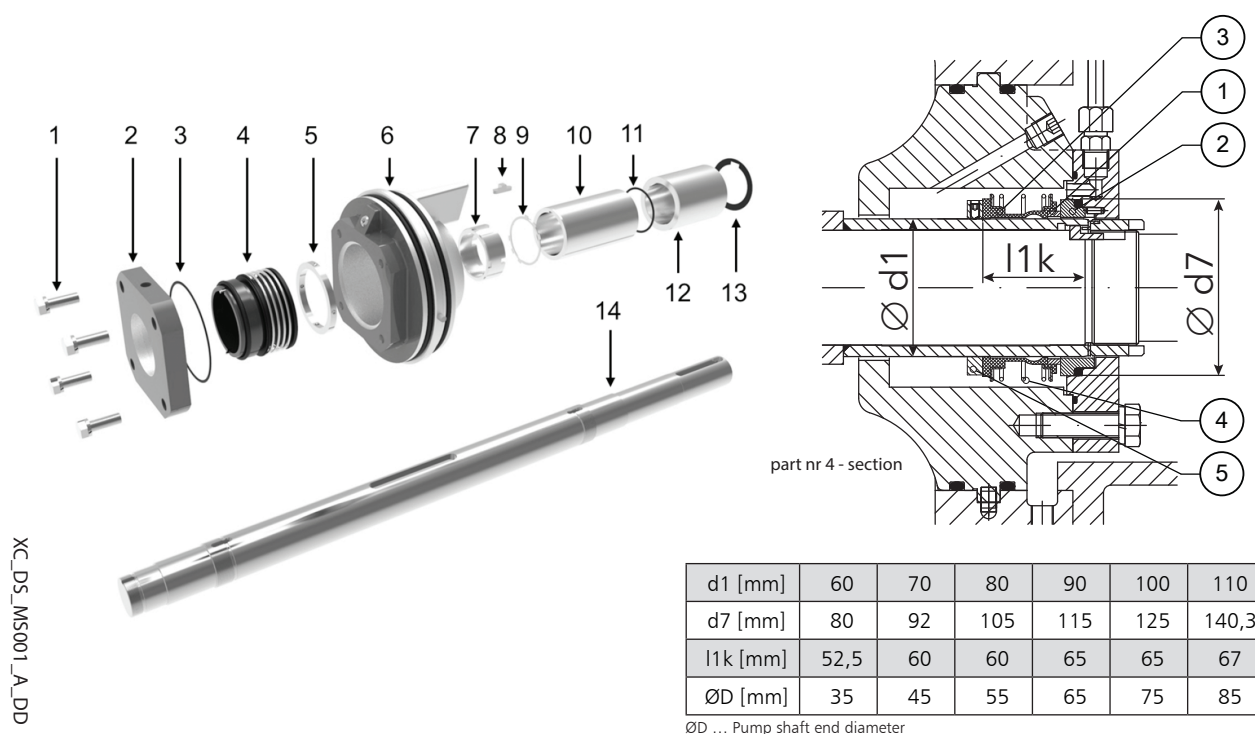
MECHANICAL SEAL ARRANGEMENT - API PLAN 11

UNBALANCED ELASTOMER BELLOW - SEAL ON SLEEVE - SEAL Version A

CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

DRY SHAFT DESIGN



LEGEND

- 1 Seal gland fasteners (bolt and washer)
- 2 Seal gland
- 3 O-ring (seal gland)
- 4 Mechanical seal
- 5 Drive ring
- 6 Stuffing box (with pin, O-rings, and plug)
- 7 Sleeve nut

- 8 Heterotype key (shaft sleeve)
- 9 Tab washer (shaft sleeve nut)
- 10 Shaft sleeve
- 11 O-ring (shaft sleeve)
- 12 Impeller hub sleeve
- 13 Gasket (impeller hub sleeve)
- 14 Shaft

POSITION 1 - 2	POSITION 3	POSITION 4 - 5
B : Resin impregnated carbon	E : EPDM	G : AISI 316
Q₇ : Silicon carbide	V : FKM (FPM)	

xc_ten-mecT1-en_a_tm

TYPE	POSITION					MAX. SEAL OPERATING PRESSURE (bar)		SEAL OPERATING TEMPERATURE (°C)	HYDROSTATIC TEST PRESSURE (bar)
	1	2	3	4	5	DIAMETER (mm)			
	FACE RING	SEAT RING	ELASTOMERS	SPRINGS	OTHER COMPONENTS	60-70	80-110		
UNBALANCED ELASTOMER BELLOW									
B Q ₇ E G G	B	Q7	E	G	G	10,8	5,7	-20 ... 120	25
B Q ₇ V G G	B	Q7	V	G	G	12	6,7	-20 ... 80	25
Q ₇ Q ₇ E G G	Q7	Q7	E	G	G	10,8	4,4	-20 ... 120	25
Q ₇ Q ₇ V G G	Q7	Q7	V	G	G	12,8	6,4	-20 ... 80	25

xc_ten-mec_typeA-en_b_tc

Operation limits for water. Different liquids on request

e-XC SERIES

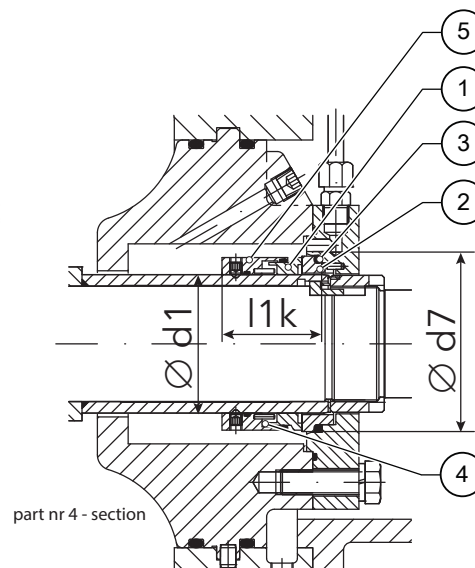
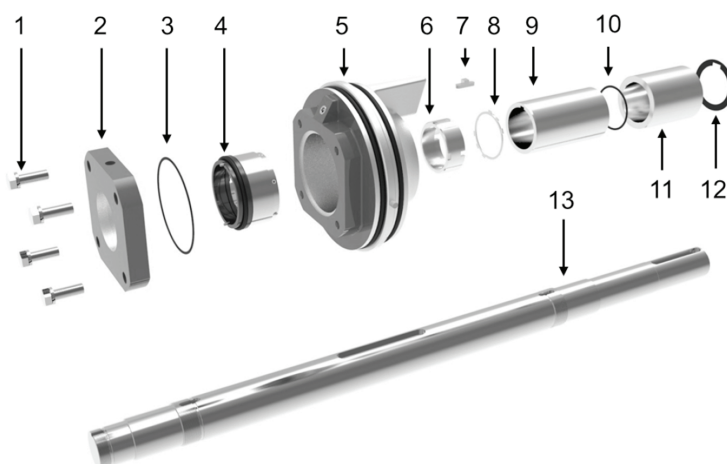
MECHANICAL SEAL ARRANGEMENT - API PLAN 11

UNBALANCED O-RING PUSHER - SEAL ON SLEEVE - SEAL Version C

CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

DRY SHAFT DESIGN



XC_DS_MS002_A_DD

d1 [mm]	60	70	80	90	100	110	120	130	150	170	190	200
d7 [mm]	80	92	105	115	125	140,3	150,3	158,3	180,3	200,3	229,3	239,3
l1k [mm]	52,5	60	60	65	65	67	67	67	69	80	84	84
ØD [mm]	35	45	55	65	75	85	95	105	120	140	160	170

ØD ... Pump shaft end diameter

LEGEND

- | | |
|--|-----------------------------------|
| 1 - Seal gland fasteners (bolt and washer) | 8 - Tab washer (shaft sleeve nut) |
| 2 - Seal gland | 9 - Shaft sleeve |
| 3 - O-ring (seal gland) | 10 - O-ring (shaft sleeve) |
| 4 - Mechanical seal | 11 - Impeller hub sleeve |
| 5 - Stuffing box (with pin, O-rings, and plug) | 12 - Gasket (impeller hub sleeve) |
| 6 - Sleeve nut | 13 - Shaft |
| 7 - Heterotype key (shaft sleeve) | |

POSITION 1 - 2	POSITION 3	POSITION 4 - 5
B : Resin impregnated carbon	E : EPDM	G : AISI 316
Q₁ : Silicon carbide	V : FKM (FPM)	

n-mecT2-en_a_tm

TYPE	POSITION					MAX. SEAL OPERATING PRESSURE (bar)			SEAL OPERATING TEMPERATURE (°C)	HYDROSTATIC TEST PRESSURE (bar)	
	1	2	3	4	5	DIAMETER (mm)				Single Spring	Multi Spring Ø<120 (≥120)
	FACE RING	SEAT RING	ELASTOMERS	SPRINGS	OTHER COMPONENTS	60	70-100	110-200			
UNBALANCED O-RING Pusher											
Q ₁ B E G G	Q1	B	E	G	G	10	8	6	-20 ... 110	35	16(12)
Q ₁ B V G G	Q1	B	V	G	G	16	10	8	-20 ... 80	35	16(12)
Q ₁ Q ₁ E G G	Q1	Q1	E	G	G	8	8	8	-20 ... 80	35	12(12)
Q ₁ Q ₁ V G G	Q1	Q1	V	G	G	8	8	8	-20 ... 80	35	12(12)

xc_ten-mec_typeC-en_b_tc

Operation limits for water. Different liquids on request

e-XC SERIES

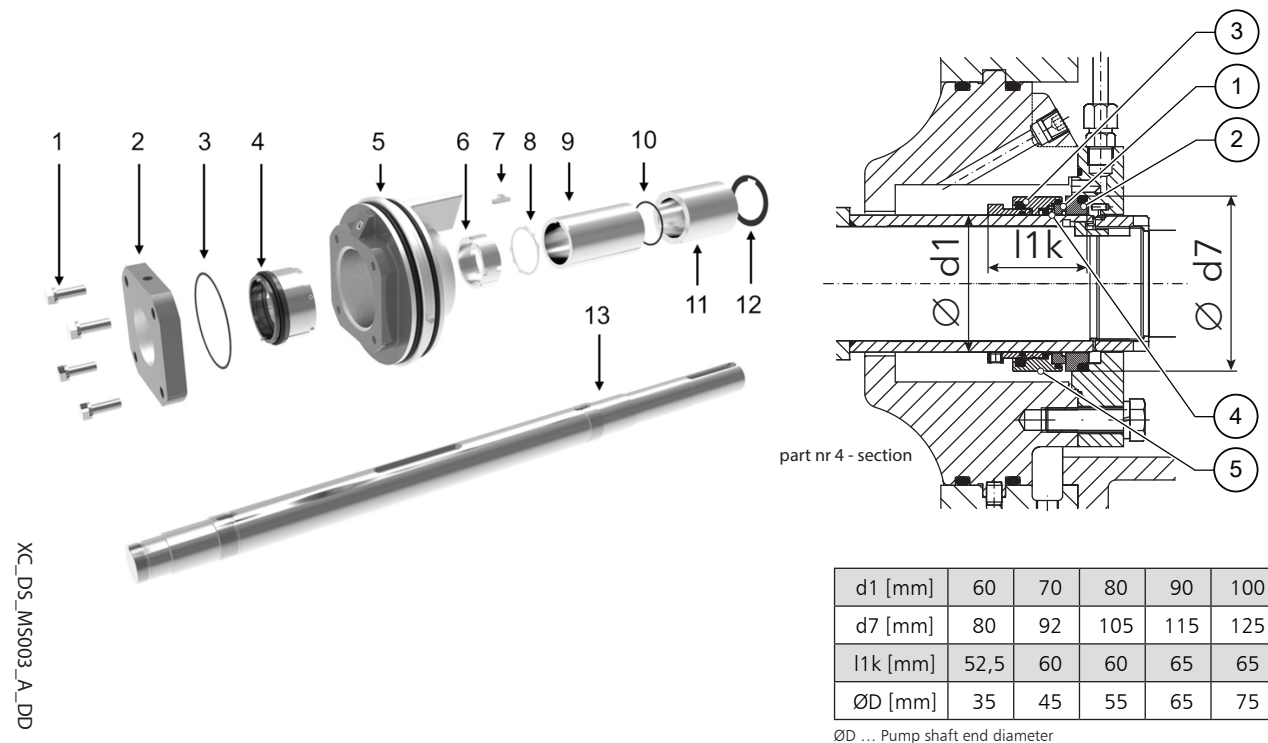
MECHANICAL SEAL ARRANGEMENT - API PLAN 11

INTERNAL BALANCED O-RING PUSHER - SEAL ON SLEEVE - SEAL Version E

CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

DRY SHAFT DESIGN



LEGEND

- 1 - Seal gland fasteners (bolt and washer)
- 2 - Seal gland
- 3 - O-ring (seal gland)
- 4 - Mechanical seal
- 5 - Stuffing box (with pin, O-rings, and plug)
- 6 - Sleeve nut
- 7 - Heterotype key (shaft sleeve)

- 8 - Tab washer (shaft sleeve nut)
- 9 - Shaft sleeve
- 10 - O-ring (shaft sleeve)
- 11 - Impeller hub sleeve
- 12 - Gasket (impeller hub sleeve)
- 13 - Shaft

POSITION 1 - 2	POSITION 3	POSITION 4 - 5
B : Resin impregnated carbon	E : EPDM	G : AISI 316
Q₇ : Silicon carbide	V : FKM (FPM)	

xc_ten-mecT1-en_a_tm

TYPE	POSITION					MAX. SEAL OPERATING PRESSURE (bar)	SEAL OPERATING TEMPERATURE (°C)	HYDROSTATIC TEST PRESSURE (bar)
	1	2	3	4	5	DIAMETER (mm)		
	FACE RING	SEAT RING	ELASTOMERS	SPRINGS	OTHER COMPONENTS	60-100		
INTERNAL BALANCED O-RING PUSHER								
B Q ₇ E G G	B	Q ₇	E	G	G	16	-20...120	30
B Q ₇ V G G	B	Q ₇	V	G	G	20	-20...80	30
Q ₇ Q ₇ E G G	Q ₇	Q ₇	E	G	G	20	-20...120	30
Q ₇ Q ₇ V G G	Q ₇	Q ₇	V	G	G	25	-20...80	30

Operation limits for water. Different liquids on request

xc_ten-mec_typeE-en_b_tc

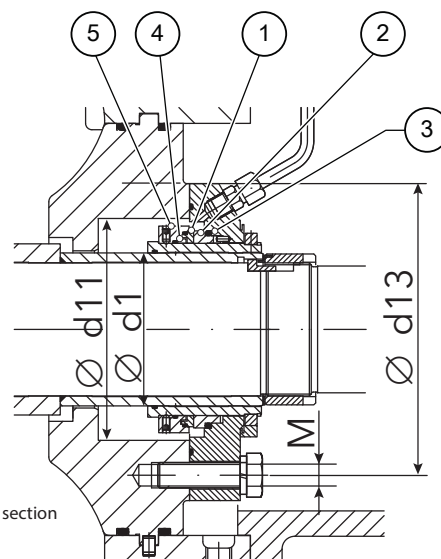
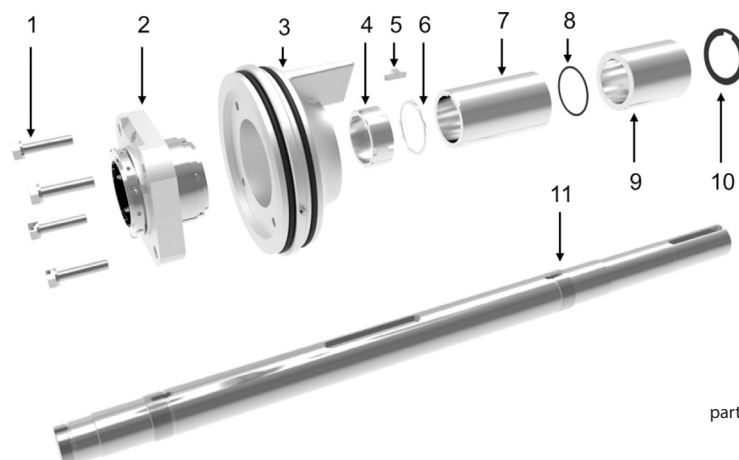
e-XC SERIES

MECHANICAL SEAL ARRANGEMENT - API PLAN 11

CARTRIDGE - SEAL ON SLEEVE - SEAL Version H

CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

DRY SHAFT DESIGN



XC_DS_MS004_A_DD

d1 [mm]	60	70	80	90	100	110	120	130	150	170	190	200
d11 [mm]	96	109	125	135	145	160	175	185	210	230	TBD	TBD
d13 [mm]	130	140	170	180	190	205	230	240	TBD	TBD	TBD	TBD
M	4xM12	4xM12	4xM12	4xM16	4xM16	4xM16	4xM20	4xM20	TBD	TBD	TBD	TBD
ØD [mm]	35	45	55	65	75	85	95	105	120	140	160	170

ØD ... Pump shaft end diameter

LEGEND

- | | |
|--|-----------------------------------|
| 1 - Seal gland fasteners (bolt and washer) | 7 - Shaft sleeve |
| 2 - Cartridge seal | 8 - O-ring (shaft sleeve) |
| 3 - Stuffing box (with pin and O-rings) | 9 - Impeller hub sleeve |
| 4 - Sleeve nut | 10 - Gasket (impeller hub sleeve) |
| 5 - Heterotype key (shaft sleeve) | 11 - Shaft |
| 6 - Tab washer (shaft sleeve nut) | |

POSITION 1 - 2	POSITION 3	POSITION 4 - 5
B : Resin impregnated carbon	E : EPDM	G : AISI 316
Q₁ : Silicon carbide	V : FKM (FPM)	M : Nickel alloy
U : Tungsten Carbide		

xc_ten-mecT3-en_a_tm

TYPE	POSITION					MAX. SEAL OPERATING PRESSURE (bar)				SEAL OPERATING TEMPERATURE (°C)	HYDROSTATIC TEST PRESSURE (bar)		
	1	2	3	4	5	DIAMETER (mm)					<105	105-150	155-180
	FACE RING	SEAT RING	ELASTOMERS	SPRINGS	OTHER COMPONENTS	<105	105-150	155-180	185-200		<105	105-150	155-180
INTERNAL BALANCED O-RING PUSHER													
Q ₁ B E M G	Q ₁	B	E	M	G	25	20	16	TBD	-20 ... 120	37	30	24
Q ₁ B V M G	Q ₁	B	V	M	G	25	20	16	TBD	-20 ... 80	37	30	24
U Q ₁ E M G	U	Q ₁	E	M	G	25	20	16	TBD	-20 ... 120	37	30	24
Q ₁ Q ₁ E M G	Q ₁	Q ₁	E	M	G	12	10	10	TBD	-20 ... 120	18	15	15
Q ₁ Q ₁ V M G	Q ₁	Q ₁	V	M	G	12	10	10	TBD	-20 ... 80	18	15	15
U O ₁ V M G	U	O ₁	V	M	G	25	20	16	TBD	-20 ... 80	37	30	24

Operation limits for water. Different liquids on request

xc_ten-mec_typeH-en_b_tc

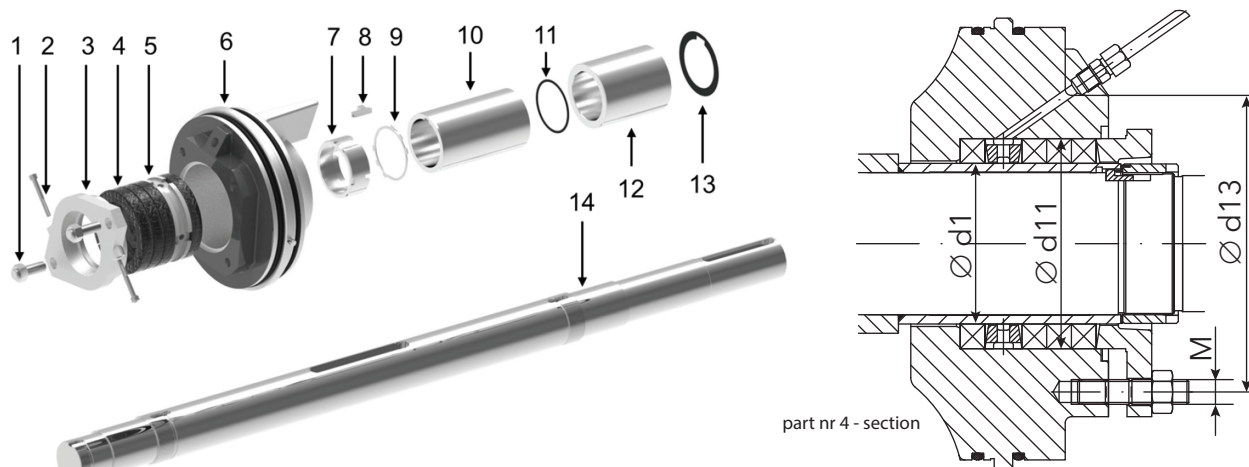
e-XC SERIES

MECHANICAL SEAL ARRANGEMENT - API PLAN 11

PACKING - SEAL ON SLEEVE - SEAL Version P, Q

CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

DRY SHAFT DESIGN



XC_DS_MS005_A_DD

d1 [mm]	60	70	80	90	100	110	120	130	150	170	190	200
d11 [mm]	92	102	120	130	140	150	160	170	190	215	235	250
d13 [mm]	130	140	170	180	190	205	230	240	TBD	TBD	TBD	TBD
M	4xM12	4xM12	4xM12	4xM16	4xM16	4xM16	4xM20	4xM20	TBD	TBD	TBD	TBD
PACKING	16x16	16x16	20x20	20x20	20x20	20x20	20x20	20x20	20x20	22x22	22x22	25x25
ØD [mm]	35	45	55	65	75	85	95	105	120	140	160	170

ØD ... Pump shaft end diameter

LEGEND

- | | |
|--|-----------------------------------|
| 1 - Packing gland fasteners (stud and nut) | 8 - Heterotype key (shaft sleeve) |
| 2 - Threaded bolt (joins gland halves) | 9 - Tab washer (shaft sleeve nut) |
| 3 - Packing gland | 10 - Shaft sleeve |
| 4 - Packing | 11 - O-ring (shaft sleeve) |
| 5 - Lantern ring | 12 - Impeller hub sleeve |
| 6 - Stuffing box (with pin and O-rings) | 13 - Gasket (impeller hub sleeve) |
| 7 - Sleeve nut | 14 - Shaft |

TYPE	POSITION					MAX. SEAL OPERATING PRESSURE (bar)	SEAL OPERATING TEMPERATURE (°C)	MAXIMUM WORKING PRESSURE				
	1	2	3	4	5			HYDROSTATIC TEST PRESSURE				
	FACE RING	SEAT RING	ELASTOMERS	SPRINGS	OTHER COMPONENTS	DIAMETER (mm)		(bar)				
PACKING												
PACKING	GRAPHITE					21	-10...120	10/15	16/24	25/37.5	28/42	31/46.5

xc_ten-mec_typePQ-en_b_1c

Operation limits for water. Different liquids on request

e-XC SERIES

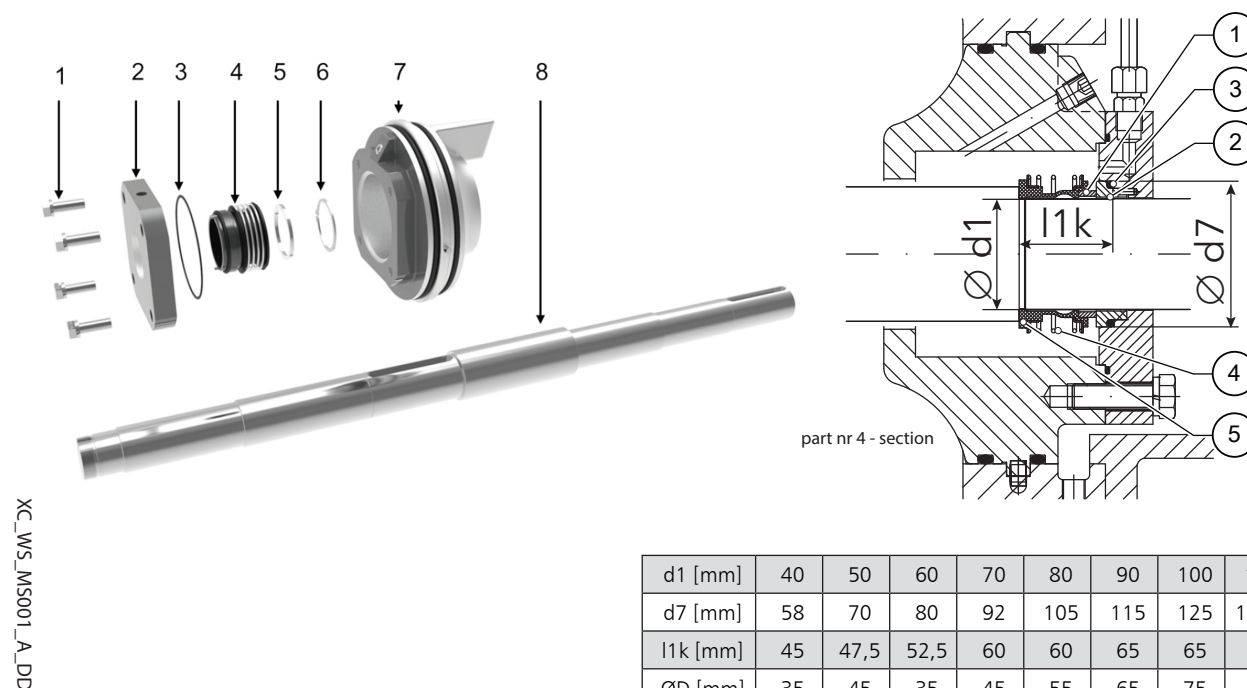
MECHANICAL SEAL ARRANGEMENT - API PLAN 11

UNBALANCED ELASTOMER BELLOW - SEAL ON SHAFT - SEAL Version B

CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

WET SHAFT DESIGN



d1 [mm]	40	50	60	70	80	90	100	110
d7 [mm]	58	70	80	92	105	115	125	140,3
l1k [mm]	45	47,5	52,5	60	60	65	65	67
ØD [mm]	35	45	35	45	55	65	75	85

ØD ... Pump shaft end diameter

LEGEND

- 1 - Seal gland fasteners (bolt and washer)
- 2 - Seal gland
- 3 - O-ring (seal gland)
- 4 - Mechanical seal

- 5 - Shoulder ring (outboard end only)
- 6 - Impeller snap ring (outboard end only)
- 7 - Stuffing box (with pin, O-rings, and plug)
- 8 - Shaft

POSITION 1 - 2	POSITION 3	POSITION 4 - 5
B : Resin impregnated carbon	E : EPDM	G : AISI 316
Q7 : Silicon carbide	V : FKM (FPM)	

xc_ten-mecT1-en_a_tm

TYPE	POSITION					MAX. SEAL OPERATING PRESSURE (bar)				SEAL OPERATING TEMPERATURE (°C)	HYDROSTATIC TEST PRESSURE (bar)
	1	2	3	4	5	DIAMETER (mm)					
	FACE RING	SEAT RING	ELASTOMERS	SPRINGS	OTHER COMPONENTS	40	45-50	60-70	80-110		
UNBALANCED ELASTOMER BELLOW											
B Q ₇ E G G	B	Q7	E	G	G	15,4	13,4	10,8	5,7	-20 ... 120	25
B Q ₇ V G G	B	Q7	V	G	G	18	12	12	6,7	-20 ... 80	25
Q ₇ Q ₇ E G G	Q7	Q7	E	G	G	16	12	10,8	4,4	-20 ... 120	25
Q ₇ Q ₇ V G G	Q7	Q7	V	G	G	18	16.1	12.8	6.4	-20 ... 80	25

xc_ten-mec_typeB-en_b_tc

Operation limits for water. Different liquids on request

e-XC SERIES

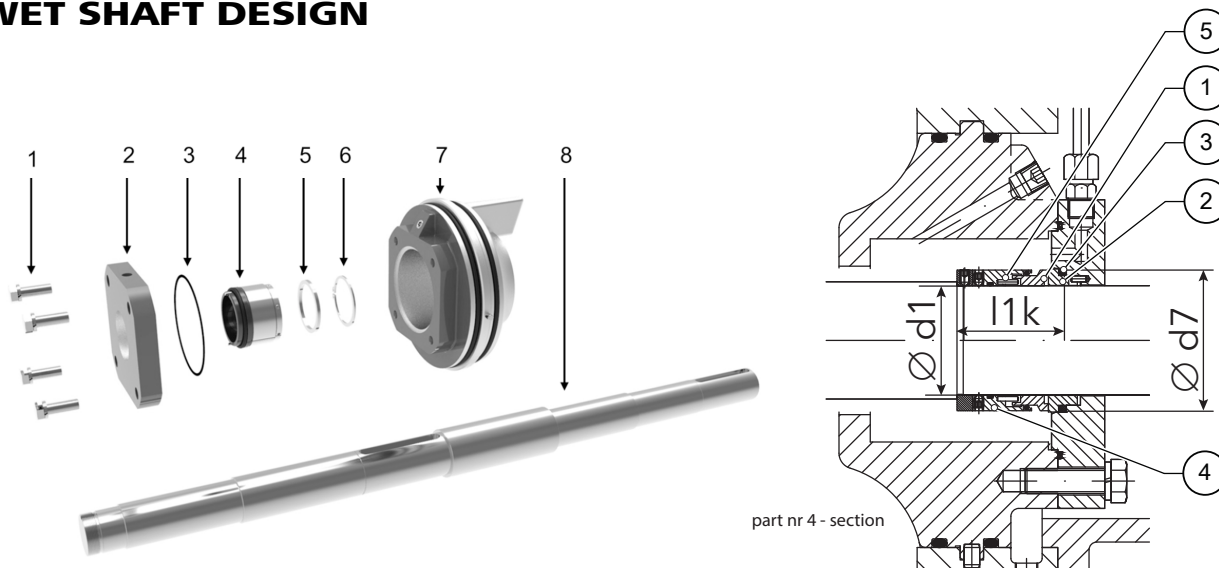
MECHANICAL SEAL ARRANGEMENT - API PLAN 11

UNBALANCED O-RING PUSHER - SEAL ON SHAFT - SEAL Version D

CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

WET SHAFT DESIGN



XC_WS_MS002_A_DD

d1 [mm]	40	50	60	70	80	90	100	110	125	145	165	175
d7 [mm]	58	70	80	92	105	115	125	140,3	154,3	173,3	195,3	205,3
l1k [mm]	45	47,5	52,5	60	60	65	65	67	67	67	80	80
ØD [mm]	35	45	55	65	75	85	95	105	120	140	160	170

ØD ... Pump shaft end diameter

LEGEND

- 1 - Seal gland fasteners (bolt and washer)
- 2 - Seal gland
- 3 - O-ring (seal gland)
- 4 - Mechanical seal

- 5 - Shoulder ring (outboard end only)
- 6 - Impeller snap ring (outboard end only)
- 7 - Stuffing box (with pin, O-rings, and plug)
- 8 - Shaft

POSITION 1 - 2	POSITION 3	POSITION 4 - 5
B : Resin impregnated carbon	E : EPDM	G : AISI 316
Q₁ : Silicon carbide	V : FKM (FPM)	

n-mecT2-en_a_tm

TYPE	POSITION					MAX. SEAL OPERATING PRESSURE (bar)				SEAL OPERATING TEMPERATURE (°C)	HYDROSTATIC TEST PRESSURE (bar)	
	1	2	3	4	5	DIAMETER (mm)					Single Spring	Multi Spring Ø<120 (≥120)
	FACE RING	SEAT RING	ELASTOMERS	SPRINGS	OTHER COMPONENTS	40	45-60	70-100	110-175			
UNBALANCED O-RING Pusher												
Q ₁ B E G G	Q1	B	E	G	G	12	10	8	6	-20 ... 110	35	16(12)
Q ₁ B V G G	Q1	B	V	G	G	20	16	10	8	-20 ... 80	35	16(12)
Q ₁ Q ₁ E G G	Q1	Q1	E	G	G	10	8	8	8	-20 ... 80	35	12(12)
Q ₁ Q ₁ V G G	Q1	Q1	V	G	G	10	8	8	8	-20 ... 80	35	12(12)

xc_ten-mec_typeD-en_b_tc

Operation limits for water. Different liquids on request

e-XC SERIES

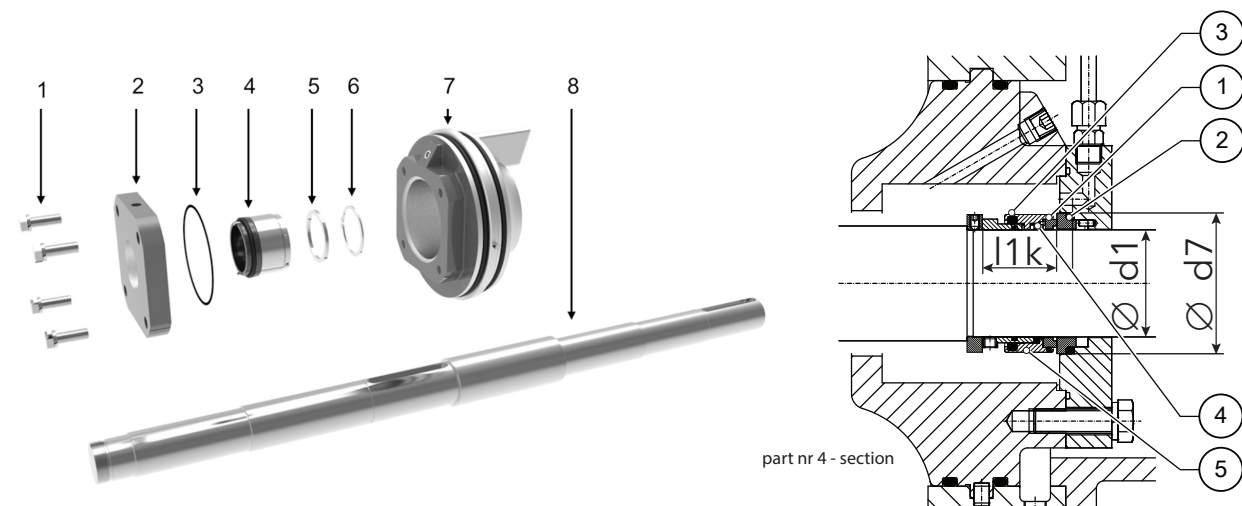
MECHANICAL SEAL ARRANGEMENT - API PLAN 11

INTERNAL BALANCED O-RING PUSHER - SEAL ON SHAFT - SEAL Version F

CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

Mechanical seal with main dimensions according to EN12756 and ISO3069

WET SHAFT DESIGN



XC_WS_MS003_A_DD

d1 [mm]	40	50	60	70	80	90	100
d7 [mm]	58	70	80	92	105	115	125
l1k [mm]	45	47,5	52,5	60	60	65	65
ØD [mm]	35	45	55	65	75	85	100

ØD ... Pump shaft end diameter

LEGEND

- 1 - Seal gland fasteners (bolt and washer)
- 2 - Seal gland
- 3 - O-ring (seal gland)
- 4 - Mechanical seal

- 5 - Shoulder ring (outboard end only)
- 6 - Impeller snap ring (outboard end only)
- 7 - Stuffing box (with pin, O-rings, and plug)
- 8 - Shaft

POSITION 1 - 2	POSITION 3	POSITION 4 - 5
B : Resin impregnated carbon	E : EPDM	G : AISI 316
Q₇ : Silicon carbide	V : FKM (FPM)	

xc_ten-mecT1-en_a_tm

TYPE	POSITION					MAX. SEAL OPERATING PRESSURE (bar)		SEAL OPERATING TEMPERATURE (°C)	HYDROSTATIC TEST PRESSURE (bar)	
	1	2	3	4	5	DIAMETER (mm)			40-50	60-100
	FACE RING	SEAT RING	ELASTOMERS	SPRINGS	OTHER COMPONENTS	40-50	60-100			
INTERNAL BALANCED O-RING PUSHER										
B Q ₇ E G G	B	Q ₇	E	G	G	25	16	-20 ... 120	37	30
B Q ₇ V G G	B	Q ₇	V	G	G	30	20	-20 ... 80	37	30
Q ₇ Q ₇ E G G	Q ₇	Q ₇	E	G	G	25	20	-20 ... 120	37	30
Q ₇ Q ₇ V G G	Q ₇	Q ₇	V	G	G	40	25	-20 ... 80	37	30

xc_ten-mec_typeF-en_b_tc

Operation limits for water. Different liquids on request

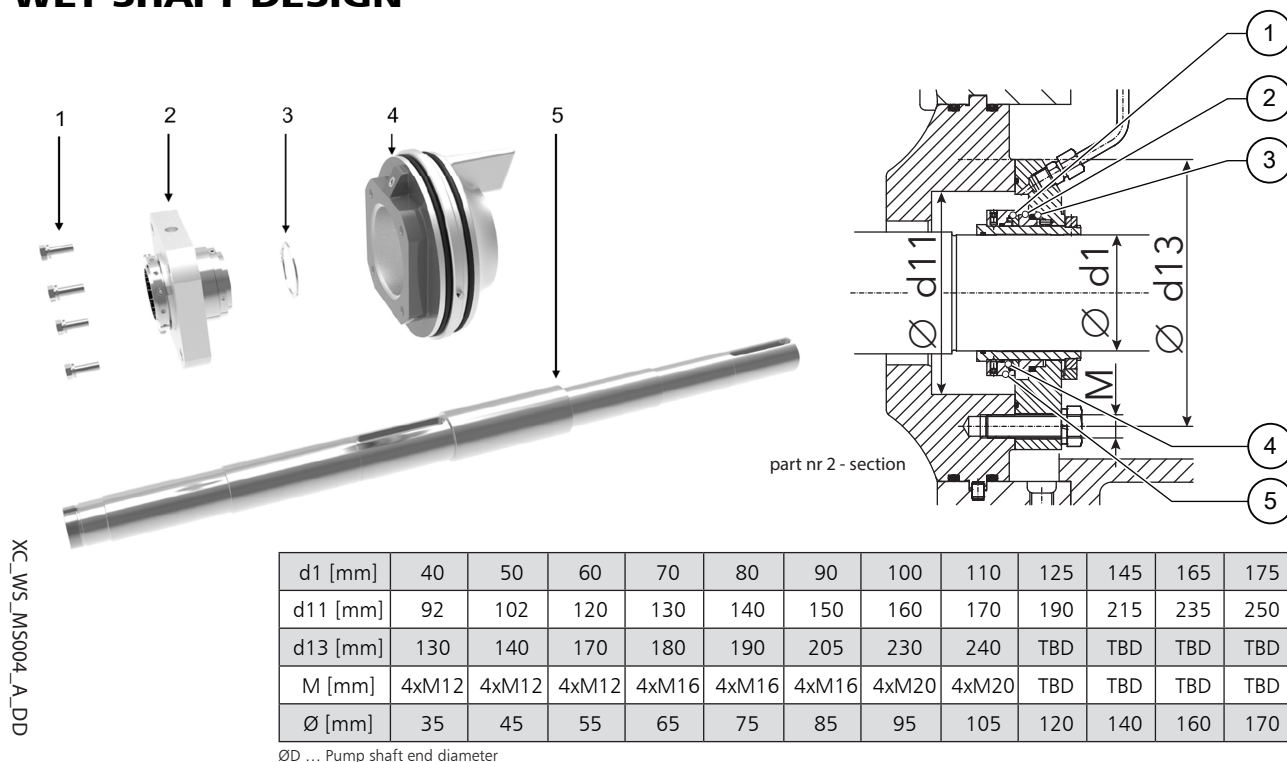
e-XC SERIES

MECHANICAL SEAL ARRANGEMENT - API PLAN 11

CARTRIDGE - SEAL ON SHAFT - SEAL Version G

CASING MATERIAL: C, D, N, R, T, X - IMPELLER MATERIAL: S, N, R, T, X

WET SHAFT DESIGN



LEGEND

- 1 - Seal gland fasteners (bolt and washer)
- 2 - Cartridge seal
- 3 - Impeller snap ring (outboard end only)
- 4 - Stuffing box (with pin, O-rings, and plug)
- 5 - Shaft

POSITION 1 - 2		POSITION 3		POSITION 4 - 5	
B : Resin impregnated carbon		E : EPDM		G : AISI 316	
Q₁ : Silicon carbide		V : FKM (FPM)		M : Nickel alloy	
U : Tungsten Carbide					

xc_ten-mecT3-en_a_tm

TYPE	POSITION					MAX. SEAL OPERATING PRESSURE (bar)			SEAL OPERATING TEMPERATURE (°C)	HYDROSTATIC TEST PRESSURE (bar)		
	1	2	3	4	5	DIAMETER (mm)						
	FACE RING	SEAT RING	ELASTOMERS	SPRINGS	OTHER COMPONENTS	40-100	110-150	155-175				
INTERNAL BALANCED O-RING PUSHER												
Q ₁ B E M G	Q ₁	B	E	M	G	25	20	16	-20 ... 120	37	30	24
Q ₁ B V M G	Q ₁	B	V	M	G	25	20	16	-20 ... 80	37	30	24
U Q ₁ E M G	U	Q ₁	E	M	G	25	20	16	-20 ... 120	37	30	24
Q ₁ Q ₁ E M G	Q ₁	Q ₁	E	M	G	12	10	10	-20 ... 120	18	15	15
Q ₁ Q ₁ V M G	Q ₁	Q ₁	V	M	G	12	10	10	-20 ... 80	18	15	15
U Q ₁ V M G	U	Q ₁	V	M	G	25	20	16	-20 ... 80	37	30	24

xc_ten-mec_typeG-en_b_tc

Operation limits for water. Different liquids on request

e-XC SERIES BEARING FRAME GREASE LUBRICATION

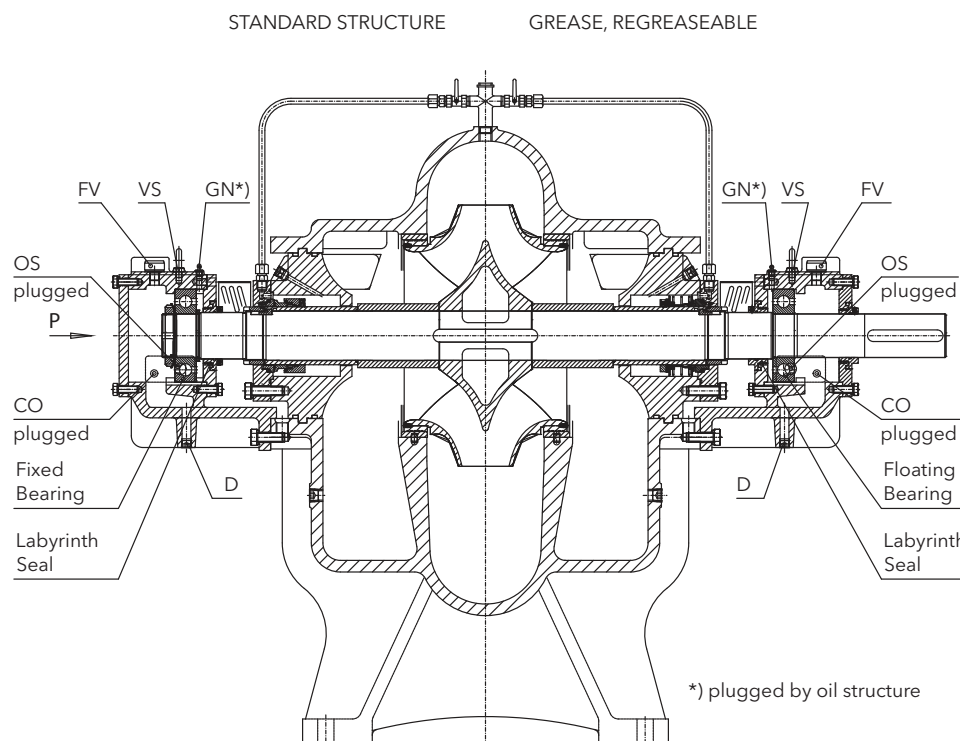
LUBRICATION

STANDARD DESIGN: grease lubrication, regreaseable by grease nipple, labyrinth seals by bearing frame.

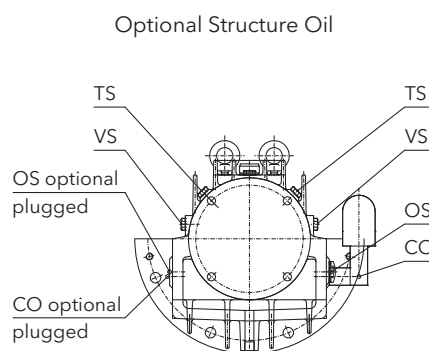
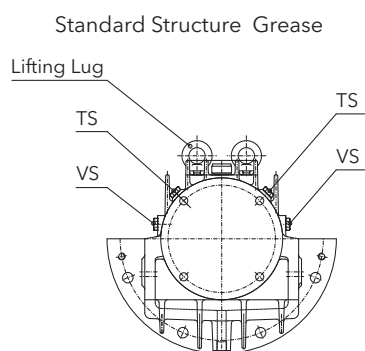
OPTIONAL DESIGN: oil lubrication, constant oiler.

SENSOR CONNECTIONS

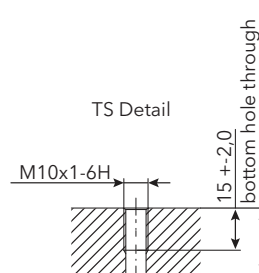
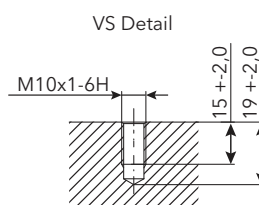
STANDARD DESIGN: plugged connections for vibration and temperature sensors. Three vibration connections per bearing frame. One temperature connection per bearing frame.



LUBRICATION METHODS (VIEW P)



D	Drain Plug	Rp 3/8
FV	Fill/Vent Cup	Rp 3/8
GN	Grease Nipple	M10x1
TS	Temperature Sensor	M10x1
VS	Vibration Sensor	M10x1
CO	Constant Level	Rp 1/4 optional
OS	Oil Sight Glass	Rp 1/2 optional



eXC_grease-en_b

e-XC SERIES

MOTORS (ErP 2009/125/EC)

- Short-circuit squirrel-cage motor, enclosed design with external fan cooling (TEFC)
- **Rated power:**
 from 4 to 400 kW 2-pole
 from 2,2 to 2000 kW 4-pole
 from 1,1 to 2000 kW 6-pole
 from 110 to 2000 kW 8-pole
- **IP55** protection degree
- Insulation class **155 (F)**
- **Standard three-phase surface motors with IE3 efficiency level for power**
 $0,75 \text{ kW} \leq P \leq 55 \text{ kW}$ and power $> 200 \text{ kW}$
and IE4 efficiency level for power
 $75 \text{ kW} \leq P \leq 200 \text{ kW}$ as standard according to
EN 60034-30:2009 and EN 60034- 30-1:2014.
- Electrical performances according to EN 60034-1
- Metric cable gland according to EN 50262
- **Standard voltage**
Three-phase version:
 220-240/380-415 V 50 Hz for power up to 3 kW.
 380-415/660-690 V 50 Hz for power above 3 kW.
 Overload protection to be provided by the user.
- **PTC included** in motors from IEC size 200 and above (one per phase, 155°C)
- Inverter ready available
- Maximum 3-phase ambient temperature: 40°C or 50°C (depending on model and power)

In accordance with the **Regulations (EU) 2019/1781** and **2021/341**, the three-phase 50 Hz, 60 Hz or 50/60 Hz **surface motors** with **power outputs ranging:**

- **from 0,12 to 0,749 kW** must have a minimum level **IE2 efficiency**
- **from 0,75 to 55 kW and above 200 kW** must have a minimum level of **IE3 efficiency**
- **from 75 to 200 kW** must have a minimum level of **IE4 efficiency**.

The following tables also contain the mandatory information pursuant to Annex I, section 2, of the aforementioned Regulations.

e-XC SERIES

THREE-PHASE MOTORS AT 50 Hz, 2 POLES

P _N kW	Manufacturer		IEC SIZE*	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	Xylem Service Italia Srl Reg. No. 07520560967 Montecchio Maggiore Vicenza - Italia						cosφ	I _s / I _N	T _N Nm	Ts/T _N	Tm/T _N
	Model										
7,5	PLM132B5/375 E3		132S	B3	2	50	0,85	10,2	24,4	3,43	4,76
11	PLM160B35/3110 E3		160M				0,88	8,59	35,60	2,36	4,14
15	PLM160B35/3150 E3		160M				0,88	9,51	48,60	2,73	4,32
18,5	PLM160B35/3185 E3		160L				0,88	9,81	59,90	2,81	4,53
22	PLM180RB35/3220 E3		180M				0,85	10,90	71,09	3,26	5,12

P _N kW	Manufacturer	IEC SIZE*	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	OMEGA MOTOR SANAYI A.S. Dudullu Organize Sanayi Bölgesi 2. Cadde No: 10 34775 Ümraniye ISTANBUL/TURKEY Reg. No. 913733					cosφ	Is / I _N	T _N	Ts/T _N	Tm/Tn
	Model									
30	3MAS 200LA2 B3 30KW E3	200L	B3	2	50	0,88	7,8	97	2,6	3,1
37	3MAS 200LB2 B3 37KW	200L				0,89	8,0	119	2,9	3,2
45	3MAS 225M2 B3 45KW E3	225M				0,91	8,2	145	2,7	3,3
55	3MGS 250M2 B3 55KW E3	250M				0,91	7,6	177	2,5	3,0
75	3MGS 280S2 B3 75KW E4	280S				0,88	8,6	240	2,6	3,4
90	3MGS 280M2 B3 90KW E4	280M				0,89	8,4	288	2,7	3,4
110	3MGS 315S2 B3 110KW E4	315S				0,90	8,1	356	2,4	3,6
132	3MGS 315MA2 B3 132KW E4	315M				0,91	8,5	422	2,2	3,7
160	3MGS 315MB2 B3 160KW E4	315M				0,91	8,0	512	2,5	3,5
200	3MGS 315MD2 B3 200KW E4	315M				0,92	7,4	640	2,3	3,3
250	3MGS 355MD2 B3 250KW E3	355M				0,92	7,8	802	2,7	2,9
315	3MGS 355MD2 B3 315KW E3	355M				0,91	7,7	1009	2,6	2,7
400	3MGS 355LA B3 400KW E3	355LA				0,91	8,2	1281	2,7	2,9

P _N kW	Voltage U _N V											n _N min ⁻¹	Operating conditions **			
	Δ			Y			Δ			Y			Altitude Above Sea Level (m)	T. amb min/max °C	ATEX	
	220 V	230 V	240 V	380 V	400 V	415 V	380 V	400 V	415 V	660 V	690 V					
	I _N (A)															
7,5	24,8	24,4	24,3	14,3	14,4	14,0	14,4	14,1	14,2	8,32	8,16	2920 ÷ 2935	-15 / 50	≤ 1000	-20 / 50	NO
11	35,0	33,9	33,0	20,2	19,6	19,1	20,4	19,6	19,2	11,8	11,3	2935 ÷ 2950				
15	47,6	46,1	45,2	27,5	26,6	26,1	27,5	26,6	26,1	15,9	15,3	2940 ÷ 2950				
18,5	58,3	56,7	55,6	33,7	32,7	32,1	34,0	33,0	32,7	19,6	19,0	2940 ÷ 2950				
22	72,9	73,1	73,7	42,1	42,2	42,6	40,9	40,4	40,6	23,6	23,3	2950 ÷ 2960				
30	-	-	-	54,9	52,7	50,4	56,2	54,5	54,6	31,7	30,2	2950	-20 / 50			
37	-	-	-	67,6	64,0	61,8	69,0	67,8	67,0	39,0	36,7	2950				
45	-	-	-	79,8	75,9	72,6	80,8	77,5	75,4	46,0	44,5	2950				
55	-	-	-	97,3	92,5	88,3	101,0	96,7	94,3	56,2	54,2	2950				
75	-	-	-	-	-	-	135,0	129,0	124,0	-	-	2985				
90	-	-	-	-	-	-	160,0	152,0	146,0	-	-	2985				
110	-	-	-	-	-	-	195,0	185,0	179,0	-	-	2990				
132	-	-	-	-	-	-	230,0	218,0	210,0	-	-	2990				
160	-	-	-	-	-	-	276,0	262,0	253,0	-	-	2985				
200	-	-	-	-	-	-	342,0	324,0	313,0	-	-	2985				
250	-	-	-	-	-	-	430,0	413,0	398,0	248,3	238,4	2950				
315	-	-	-	-	-	-	548,0	520,0	503,0	316,4	300,2	2950				
400	-	-	-	-	-	-	694,0	658,0	634,0	400,7	379,9	2950				

P _N kW	Efficiency η_N %																		IE
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 240 V Y 415 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V			Δ 415 V			
	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	
7,5	90,6	90,5	89,0	90,6	90,5	89,0	90,6	90,5	89,0	90,6	91,0	90,2	90,8	90,8	89,6	90,7	90,5	89,0	3
11	91,8	92,3	91,5	91,8	92,3	91,5	91,8	92,3	91,5	91,8	92,3	91,9	92,2	92,5	91,8	92,3	92,4	91,5	
15	92,5	92,4	91,2	92,5	92,4	91,2	92,5	92,4	91,2	92,7	93,3	92,9	93,1	93,3	92,7	92,5	92,4	91,2	
18,5	92,6	93,1	92,4	92,6	93,1	92,4	92,6	93,1	92,4	92,6	93,2	93,0	92,9	93,3	92,8	92,9	93,1	92,4	
22	93,0	92,7	91,3	93,0	92,7	91,3	93,0	92,7	91,3	93,0	93,2	92,4	93,1	93,0	91,9	93,0	92,7	91,3	
30	-	-	-	-	-	-	-	-	-	92,4	92,9	92,6	92,7	93,2	93,0	92,8	93,2	93,1	
37	-	-	-	-	-	-	-	-	-	93,1	93,3	93,2	93,3	93,5	93,4	93,5	93,7	93,6	
45	-	-	-	-	-	-	-	-	-	93,4	93,8	93,5	93,7	94,1	93,8	94,0	94,4	94,1	
55	-	-	-	-	-	-	-	-	-	93,8	94,0	93,4	94,0	94,2	93,6	94,2	94,4	93,8	
75	-	-	-	-	-	-	-	-	-	95,6	95,7	95,0	95,6	95,7	95,0	95,6	95,7	95,0	
90	-	-	-	-	-	-	-	-	-	95,8	95,7	95,1	95,8	95,7	95,1	95,6	95,7	95,0	
110	-	-	-	-	-	-	-	-	-	96,0	95,9	95,0	96,0	95,9	95,0	96,0	95,9	95,0	
132	-	-	-	-	-	-	-	-	-	96,2	96,1	95,6	96,2	96,1	95,6	96,2	96,1	95,6	
160	-	-	-	-	-	-	-	-	-	96,3	96,5	96,0	96,3	96,5	96,0	96,3	96,5	96,0	
200	-	-	-	-	-	-	-	-	-	96,5	96,7	96,3	96,5	96,7	96,3	96,5	96,7	96,3	
250	-	-	-	-	-	-	-	-	-	95,8	95,9	95,6	95,8	95,9	95,6	95,8	95,9	95,6	
315	-	-	-	-	-	-	-	-	-	-	-	-	95,8	95,8	95,4	-	-	-	
400	-	-	-	-	-	-	-	-	-	-	-	-	95,8	95,6	95,3	-	-	-	

* R = Motor casing size reduced compared to the shaft protrusion and relative flange.

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

eXC-mott-2p50-en_b_te

e-XC SERIES

THREE-PHASE MOTORS AT 50 Hz, 4 POLES (up to 90 kW)

P _N kW	Manufacturer	IEC SIZE	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	Xylem Service Italia Srl Reg. No. 07520560967 Montecchio Maggiore Vicenza - Italia					cosφ	I _s / I _N	T _N Nm	T _s /T _N	T _m /T _N
	Model									
2,2	PLM4100B5/322 E3	100L	B3	4	50	0,78	7,47	14,5	2,38	3,69
3	PLM4100B5/330 E3	100L				0,74	7,75	19,7	2,48	4,21
4	PLM4112B5/340 E3	112M				0,79	8,32	26,3	3,19	4,02
5,5	PLM4132B5/355 E3	132S				0,76	7,64	35,9	2,85	3,65
7,5	PLM4132B5/375 E3	132M				0,79	7,70	49,1	2,69	3,57
11	PLM4160B35/3110 E3	160M				0,81	7,19	71,5	2,45	3,26
15	PLM4160B35/3150 E3	160L				0,77	8,23	97,2	2,97	3,99

P _N kW	Manufacturer	Grandezza IEC	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	OMEGA MOTOR SANAYI A.S. Dudullu Organize Sanayi Bölgesi 2. Cadde No: 10 34775 Ümraniye ISTANBUL/TURKEY Reg. No. 913733					cosφ	I _s / I _N	T _N Nm	T _s /T _N	T _m /T _N
	Model									
18,5	3MAS 180M4 B3 18.5kW E3	180M	B3	4	50	0,81	7,1	119,6	2,8	3,1
22	3MAS 180L4 B3 22kW E3	180L				0,81	7,2	142,8	2,6	3,2
30	3MAS 200L4 B3 30kW E3	200L				0,87	7,5	194,3	2,6	3,1
37	3MAS 225S4 B3 37kW E3	225S				0,86	7,5	238,2	2,6	3,1
45	3MAS 225M4 B3 45kW E3	225M				0,85	7,6	289,5	2,7	3,1
55	3MGS 250M4 B3 55kW E3	250M				0,86	7,5	353,5	2,8	3,0
75	3MGS 280S4 B3 75kW E4	280S				0,84	8,5	481,0	3,2	3,2
90	3MGS 280M4 B3 90kW E4	280M				0,86	8,1	577,0	2,5	3,0

P _N kW	Voltage U _N V											n _N min ⁻¹	Operating conditions **		
	Δ			Y			Δ			Y			Altitude Above Sea Level (m)	T. amb min/max °C	ATEX
	220 V	230 V	240 V	380 V	400 V	415 V	380 V	400 V	415 V	660 V	690 V				
	I _N (A)														
2,2	8,2	8,0	8,0	4,7	4,6	4,6	4,7	4,6	4,6	2,7	2,7	1450	≤ 1000	-15 / 50	NO
3	11,5	11,5	11,5	6,7	6,6	6,7	6,6	6,6	6,6	3,8	3,8	1450			
4	14,8	14,6	14,5	8,5	8,4	8,4	8,4	8,2	8,2	4,9	4,8	1450			
5,5	20,0	19,7	19,4	11,6	11,4	11,2	11,7	11,5	11,4	6,8	6,6	1450			
7,5	26,6	26,1	25,8	15,4	15,1	14,9	15,5	15,2	15,1	9,0	8,8	1450			
11	38,3	37,3	37,5	22,1	21,8	21,7	21,9	21,4	21,3	12,6	12,3	1450			
15	51,8	52,0	52,7	29,9	30,0	30,4	30,5	30,7	31,4	17,6	17,7	1450			
18,5	64,0	-	-	37,1	-	-	37,2	35,6	35	21,5	20,9	1450			
22	73,4	-	-	42,5	-	-	44	42,2	41	25,4	24,1	1450			
30	95,1	-	-	55,0	-	-	55,8	53,2	51	32,2	30,8	1450			
37	-	-	-	70,0	-	-	68,9	66,1	63,8	39,8	38,3	1450			
45	-	-	-	81,8	-	-	85,1	81,1	78,3	49,1	46,5	1450			
55	-	-	-	99,5	-	-	101,9	97,6	94,6	58,8	56,6	1450			
75	-	-	-	-	-	-	141,0	134,0	129,0	81,3	77,7	1490		-20 / 50	
90	-	-	-	-	-	-	165,0	157,0	151,0	95,2	91,0	1490			

P _N kW	Efficiency η_N																		IE
	%																		
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 240 V Y 415 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V			Δ 415 V			
	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	
2,2	87,6	88,6	88,3	88,2	88,8	87,9	88,5	88,7	87,4	87,6	88,6	87,4	87,6	88,6	87,4	87,6	88,6	87,4	3
3	88,5	89,2	88,5	88,6	88,9	87,6	88,6	88,6	86,8	88,5	88,6	86,8	88,5	88,6	86,8	88,5	88,6	86,8	
4	88,6	89,1	87,9	88,6	89,1	87,9	88,6	89,1	87,9	88,6	89,2	88,9	88,6	89,2	88,4	88,8	89,1	87,9	
5,5	90,4	90,9	89,7	90,4	90,9	89,7	90,4	90,9	89,7	90,4	91,0	90,5	90,9	91,1	90,2	90,9	90,9	89,7	
7,5	90,4	91,2	90,4	90,4	91,2	90,4	90,4	91,2	90,4	90,4	91,2	91,1	90,7	91,3	90,8	90,9	91,2	90,4	
11	91,5	92,2	91,4	91,5	92,2	91,4	91,5	92,2	91,4	91,5	92,4	92,4	91,9	92,5	92,0	91,9	92,2	91,4	
15	92,2	92,2	90,8	92,2	92,2	90,8	92,2	92,2	90,8	92,5	93,0	92,7	92,5	92,7	91,8	92,2	92,2	90,8	
18,5	-	-	-	-	-	-	-	-	-	92,4	92,8	92,5	92,6	93,0	92,7	92,9	93,3	93,0	
22	-	-	-	-	-	-	-	-	-	92,8	93,3	93,1	93,0	93,5	93,3	93,3	93,8	93,6	
30	-	-	-	-	-	-	-	-	-	93,4	94,0	94,1	93,6	94,2	94,3	94,0	94,6	94,7	
37	-	-	-	-	-	-	-	-	-	93,7	94,2	94,0	93,9	94,4	94,2	94,1	94,6	94,4	
45	-	-	-	-	-	-	-	-	-	94,0	94,5	94,2	94,2	94,7	94,4	94,4	94,9	94,6	
55	-	-	-	-	-	-	-	-	-	94,5	94,9	94,7	94,6	95,0	94,8	94,7	95,1	94,9	
75	-	-	-	-	-	-	-	-	-	96,0	95,9	95,2	96,0	95,9	95,2	96,0	95,9	95,2	
90	-	-	-	-	-	-	-	-	-	96,1	96,2	95,7	96,1	96,1	96,2	96,1	96,2	95,7	

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

EXC-mott90-4p50-en_b_te

e-XC SERIES

THREE-PHASE MOTORS AT 50 Hz, 4 POLES (from 110 to 1250 kW)

P _N kW	Manufacturer	IEC SIZE	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	OMEGA MOTOR SANAYI A.S. Dudullu Organize Sanayi Bölgesi 2. Cadde No: 10 34775 Ümraniye ISTANBUL/TURKEY Reg. No. 913733					cosφ	I _s / I _N	T _N Nm	Ts/T _N	Tm/T _N
	Model									
110	3MGS 315S4 B3 110kW E4	315S	B3	4	50	0,88	8,1	844	2,8	3,2
132	3MGS 315MA4 B3 132kW E4	315M				0,85	9,3	1028	3,1	3,8
160	3MGS 315M B3 160kW E4	315M				0,85	9,3	1028	3,1	3,8
200	3MGS 315M B3 200kW E4	315M				0,88	8,3	1302	2,6	3,5
250	3MGS 355M B3 250kW E3	355M				0,86	8	1602	2,7	2,6
315	3MGS 355M B3 315kW E3	355M				0,86	7,3	2019	2,3	2,4
355	3MGS 355M B3 355kW E3	355M				0,86	7,2	2275	2,4	2,5
400	3MGS 355LA B3 400kW E3	355LA				0,85	7,3	2564	2,3	2,8
450	3MGS 355LB B3 450kW E3	355LB				0,85	7,5	2884	2,3	2,7
500	3MGS 355LC B3 500kW E3	355LC				0,85	7,2	3205	2,2	2,7

P _N kW	Manufacturer	IEC SIZE	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	WEG Equipamentos Eletricos S.A. Reg. No. 07.175.725/0010-50 Jaragua do Sul - SC (Brazil)					cosφ	I _s / I _N	T _N Nm	Ts/T _N	Tm/T _N
	Model									
560	W50 400JH B3 560KW	400JH	B3	4	50	0,86	7,00	3591	1,7	2,2
630	W50 400JH B3 630KW	400JH				0,86	7,00	4035	1,9	2,3
710	W50 450LK B3 710KW	450LK				0,86	7,00	4547	0,7	2,4
900	HGF 450HGF B3 900KW	450HGF				-	-	-	-	-
1000	HGF 450HGF B3 1000KW	450HGF				-	-	-	-	-
1100	HGF2 450HGF B3 1100KW	450HGF				-	-	-	-	-
1250	HGF 500HGF B3 1250KW	500HGF				-	-	-	-	-

P _N kW	Voltage U _N V										n _N min ⁻¹	Operating conditions **			
	Δ			Y			Δ			Y		Altitude Above Sea Level (m)	T. amb min/max °C	ATEX	
	220 V	230 V	240 V	380 V	400 V	415 V	380 V	400 V	415 V	660 V					690 V
	I _N (A)														
110	-	-	-	-	-	-	203,0	228,0	220,0	-	-	1490	≤ 1000	-20 / 50	No
132	-	-	-	-	-	-	240,0	280,0	220,0	-	-	1490			
160	-	-	-	-	-	-	295,0	280,0	270,0	-	-	1490			
200	-	-	-	-	-	-	358,0	340,0	328,0	-	-	1490			
250	-	-	-	-	-	-	451,0	433,0	422,0	260,0	251,0	1450			
315	-	-	-	-	-	-	575,0	552,0	538,0	331,0	320,0	1450			
355	-	-	-	-	-	-	640,0	615,0	599,0	368,0	357,0	1450			
400	-	-	-	-	-	-	-	-	-	-	-	1450			
450	-	-	-	-	-	-	-	-	-	-	-	1450			
500	-	-	-	-	-	-	-	-	-	-	-	1450			
560	-	-	-	-	-	-	-	-	-	-	-	1450			
630	-	-	-	-	-	-	-	-	-	-	-	1450	-20 / 40		
710	-	-	-	-	-	-	-	-	-	-	-	1450			
900	-	-	-	-	-	-	-	-	-	-	-	1450			
1000	-	-	-	-	-	-	-	-	-	-	-	1450			
1100	-	-	-	-	-	-	-	-	-	-	-	1450			
1250	-	-	-	-	-	-	-	-	-	-	-	1450			

P _N kW	Efficiency η_N %																		IE
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 240 V Y 415 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V			Δ 415 V			
	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	
110	-	-	-	-	-	-	-	-	-	96,3	96,4	96,0	96,4	96,6	96,3	96,3	96,4	96,0	3
132	-	-	-	-	-	-	-	-	-	96,4	96,6	96,3	96,6	96,7	96,3	96,4	96,6	96,3	
160	-	-	-	-	-	-	-	-	-	96,6	96,7	96,3	96,6	96,7	96,3	96,6	96,7	96,3	
200	-	-	-	-	-	-	-	-	-	96,7	96,8	96,5	96,7	96,8	96,5	96,7	96,8	96,5	
250	-	-	-	-	-	-	-	-	-	96,8	96,6	96,4	96,9	96,6	96,2	96,9	96,5	96,0	
315	-	-	-	-	-	-	-	-	-	96,8	96,7	96,5	96,9	96,7	96,4	97,0	96,7	96,3	
355	-	-	-	-	-	-	-	-	-	96,8	96,8	96,6	96,9	96,8	96,5	97,0	96,8	96,4	
400	-	-	-	-	-	-	-	-	-	-	-	-	96,0	95,8	95,5	-	-	-	
450	-	-	-	-	-	-	-	-	-	-	-	-	96,0	96,0	95,6	-	-	-	
500	-	-	-	-	-	-	-	-	-	-	-	-	96,0	96,0	95,5	-	-	-	
560	-	-	-	-	-	-	-	-	-	-	-	-	96,8	96,6	96,3	-	-	-	
630	-	-	-	-	-	-	-	-	-	-	-	-	96,8	96,8	96,5	-	-	-	
710	-	-	-	-	-	-	-	-	-	-	-	-	96,6	96,4	95,6	-	-	-	

** Operating conditions to be referred to motor only. For the electric pump, refer to limits in user's manual.

EXC-mott1250-4p50-en_b_te

e-XC SERIES

THREE-PHASE MOTORS AT 50 Hz, 6 POLES

P _N kW	Manufacturer	IEC SIZE	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	WEG Equipamentos Elétricos S.A. Reg. No. 07.175.725/0010-50 Jaraguá do Sul - SC (Brazil)					cosφ	I _s / I _N	T _N Nm	T _s /T _N	T _m /T _N
	Model									
1,1	W22 90L B3 1,1KW	L90L	B3	6	50	0,73	11,1	5,5	2,5	2,8
1,5	W22 100L B3 1,5KW	100L				0,71	15,0	5,5	2,7	2,7
2,2	W22 112M B3 2,2KW	112M				0,72	21,9	6,0	2,5	2,6

P _N kW	Manufacturer	IEC SIZE	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	OMEGA MOTOR SANAYI A.S. Dudullu Organize Sanayi Bölgesi 2. Cadde No: 10 34775 Ümraniye İSTANBUL/TURKEY Reg. No. 913733					cosφ	I _s / I _N	T _N Nm	T _s /T _N	T _m /T _N
	Model									
3	3MAS 132S6 B3 3KW E3	132S	B3	6	50	0,72	5,2	30	2,0	2,8
4	3MAS 132MA6 B3 4KW E3	132M				0,75	6,0	39	2,6	3,4
5,5	3MAS 132MB6 B3 5,5KW E3	132M				0,73	5,7	54	2,4	3,1
7,5	3MAS 160M6 B3 7,5KW E3	160M				0,73	6,5	74	2,1	3,4
11	3MAS 160L6 B3 11KW E3	160L				0,78	6,9	108	2,0	3,2
15	3MAS 180L6 B3 18,5KW E3	180L				0,77	6,9	147	2,6	3,2
18,5	3MAS 200LA6 B3 18,5KW E3	200L				0,78	6,4	180	2,3	3,2
22	3MAS 200LB6 B3 22KW E3	200L				0,79	6,7	214	2,5	2,9
30	3MAS 225M6 B3 30KW E3	225M				0,77	6,9	291	2,5	2,9
37	3MGS 250M6 37KW E3	250M				0,77	6,9	291	2,4	2,9
45	3MAS 280SM6 B3 45KW E3	280S				0,78	6,7	434	2,2	2,7
55	3MAS 280M6 B3 55KW E3	280M				0,79	7,2	532	2,5	2,8
75	3MAS 315S6 B3 75KW E4	315S				0,84	7,0	723	2,2	2,9
90	3MAS 315M6 B3 90KW E4	315M				0,84	7,0	868	2,3	3,0
110	3MAS 315M6 B3 110KW E4	315M				0,85	7,0	105	2,3	2,9
132	3MAS 315M6 B3 132KW E4	315M				0,85	6,6	127	2,4	2,9
160	3MAS 355M6 B3 160KW E4	355M				0,83	7,0	154	2,6	2,9
200	3MAS 355M6 B3 200KW E4	355M				0,85	6,9	192	2,2	2,6
250	3MGS 355M6 250KW E3	355M				0,80	6,8	2407	2,4	2,6
315	3MGS 355L6 315KW E3	355L				0,80	6,6	3033	2,3	2,5
355	3MGS 355L6 355KW E3	355L				0,80	6,7	3418	2,3	2,6
400	3MGS 355L6 400KW E3	355L				0,80	6,8	3850	2,3	2,3

P _N kW	Manufacturer	IEC SIZE	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	WEG Equipamentos Elétricos S.A. Reg. No. 07.175.725/0010-50 Jaraguá do Sul - SC (Brazil)					cosφ	I _s / I _N	T _N Nm	T _s /T _N	T _m /T _N
	Model									
450	W50 400J/H B3 450KW	400JH	B3	6	50	0,84	7,00	4334	1,50	2,60
500	W50 400J/H B3 500KW	400JH				0,85	7,80	4816	1,60	2,70
560	W50 450L/K B3 560KW	450LK				0,86	7,00	5394	0,80	2,40
630	W50 450L/K B3 630KW	450LK				0,87	6,50	6062	0,80	2,40
710	W50 450JH B3 710KW	450JH				0,87	6,50	6832	0,80	2,40
800	HGF 450 B3 800KW	450HGF				0,87	6,50	7690	0,80	2,40
900	HGF 450 B3 900KW	450HGF				0,87	6,70	8651	0,80	2,40
1000	HGF 500 B3 1000KW	500HGF				-	-	-	-	-
1100	HGF 500 B3 1100KW	500HGF				-	-	-	-	-
1250	HGF 560 B3 1250KW	560HGF				-	-	-	-	-

eXC-mott-6p50-en_b_te 1

e-XC SERIES

THREE-PHASE MOTORS AT 50 Hz, 6 POLES

P _N kW	Voltage U _N V											η _N min ⁻¹	Operating conditions **		
	Δ			Y			Δ			Y			Altitude Above Sea Level (m)	T. amb min/max °C	ATEX
	220 V	230 V	240 V	380 V	400 V	415 V	380 V	400 V	415 V	660 V	690 V				
	I _N (A)														
1,1	4,89	4,68	4,48	2,83	2,69	2,59	2,83	2,69	2,59	1,63	1,56	950	≤ 1000	-20 / 40	No
1,5	6,73	6,43	6,17	3,89	3,70	3,57	3,89	3,70	3,57	2,24	2,14	950			
2,2	9,62	9,20	8,82	5,57	5,29	5,10	5,57	5,29	5,10	3,21	3,07	950			
3	12,3	12,1	12,3	7,10	6,93	7,10	7,10	7,00	7,10	4,10	4,00	950			
4	15,6	15,4	15,6	9,01	9,18	9,00	9,00	8,90	9,00	5,20	5,30	950			
5,5	21,3	21,5	22,3	12,3	12,5	12,9	12,3	12,4	12,9	7,10	7,20	950			
7,5	28,6	28,8	29,8	16,5	16,3	17,2	16,5	16,6	17,2	9,50	9,40	950			
11	39,7	39,0	39,0	22,9	22,9	22,5	22,9	22,5	22,5	13,2	13,2	950			
15	54,7	53,3	53,0	31,5	30,1	30,6	31,6	30,8	30,6	18,2	17,4	950			
18,5	67,2	64,6	64,1	38,8	37,4	37,0	38,8	37,3	37,0	22,4	21,6	950			
22	77,4	75,5	74,8	44,7	44,3	43,2	44,7	43,6	43,2	25,8	25,6	950			
30	107	105	105	61,7	60,8	60,8	61,6	60,5	60,8	35,6	35,1	950			
37	107,0	104,8	105,3	61,7	60,8	60,8	61,6	60,5	60,8	35,6	35,1	950			
45	-	-	-	-	-	-	-	-	-	-	-	990			
55	-	-	-	-	-	-	-	-	-	-	-	990			
75	-	-	-	-	-	-	142,0	135,0	130,0	-	-	990			
90	-	-	-	-	-	-	169,0	161,0	155,0	-	-	990			
110	-	-	-	-	-	-	204,0	194,0	187,0	-	-	990			
132	-	-	-	-	-	-	247,0	234,0	226,0	-	-	990			
160	-	-	-	-	-	-	304,0	289,0	279,0	-	-	990			
200	-	-	-	-	-	-	370,0	352,0	339,0	-	-	995			

Higher power data available on request.

P _N kW	Efficiency η_N																		IE
	%																		
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 240 V Y 415 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V			Δ 415 V			
	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	
1,1	81,0	82,0	81,0	81,0	81,4	79,3	81,0	80,7	77,7	81,0	82,0	81,0	81,0	81,4	79,3	81,0	80,7	77,7	3
1,5	82,5	82,6	82,3	82,5	82,5	81,5	82,8	82,3	80,6	82,5	82,6	82,3	82,5	82,5	81,5	82,8	82,3	80,6	
2,2	84,3	84,4	83,6	84,5	84,5	83,0	84,7	84,3	82,3	84,3	84,4	83,6	84,5	84,5	83,0	84,7	84,3	82,3	
3	85,6	86,0	85,7	85,4	85,8	85,5	85,8	86,2	85,9	85,6	86,0	85,7	85,4	85,8	85,5	85,8	86,2	85,9	
4	86,8	87,0	86,9	86,6	86,8	86,7	86,9	87,1	87,0	86,8	87,0	86,9	86,6	86,8	86,7	86,9	87,1	87,0	
5,5	88,0	88,9	88,4	88,2	89,1	88,6	87,7	88,6	88,1	88,0	88,9	88,4	88,2	89,1	88,6	87,7	88,6	88,1	
7,5	89,1	89,5	89,2	89,3	89,7	89,4	88,7	89,1	88,8	89,1	89,5	89,2	89,3	89,7	89,4	88,7	89,1	88,8	
11	90,3	90,8	90,5	90,2	90,7	90,4	90,2	90,7	90,4	90,3	90,8	90,5	90,2	90,7	90,4	90,2	90,7	90,4	
15	91,2	91,9	91,4	90,9	91,6	91,1	91,5	92,2	91,7	91,2	91,9	91,4	90,9	91,6	91,1	91,5	92,2	91,7	
18,5	91,7	91,9	91,6	91,5	91,7	91,4	91,8	92,0	91,7	91,7	91,9	91,6	91,5	91,7	91,4	91,8	92,0	91,7	
22	92,2	92,8	92,3	92,1	92,7	92,2	92,3	92,9	92,4	92,2	92,8	92,3	92,1	92,7	92,2	92,3	92,9	92,4	
30	92,9	93,4	93,2	92,9	93,4	93,2	92,7	93,2	93,0	92,9	93,4	93,2	92,9	93,4	93,2	92,7	93,2	93,0	
37	92,9	93,4	93,2	92,9	93,4	93,2	92,7	93,2	93,0	92,9	93,4	93,2	92,9	93,4	93,2	92,7	93,2	93,0	
45	-	-	-	-	-	-	-	-	-	-	-	-	-	93,7	94,0	93,7	-	-	4
55	-	-	-	-	-	-	-	-	-	-	-	-	-	94,1	94,4	94,2	-	-	
75	-	-	-	-	-	-	-	-	-	95,4	95,7	95,4	95,4	95,6	95,8	96,0	96,2	96,3	
90	-	-	-	-	-	-	-	-	-	95,6	96,0	95,9	95,7	96,0	95,9	96,4	96,4	96,6	
110	-	-	-	-	-	-	-	-	-	95,8	95,9	95,7	95,4	95,9	95,7	96,3	96,3	96,5	
132	-	-	-	-	-	-	-	-	-	96,0	96,4	96,3	95,4	95,6	95,8	96,0	96,2	96,3	
160	-	-	-	-	-	-	-	-	-	96,2	96,4	96,3	95,7	96,0	95,9	96,4	96,4	96,6	
200	-	-	-	-	-	-	-	-	-	96,3	96,6	96,5	95,4	95,9	95,7	96,3	96,3	96,5	
250	-	-	-	-	-	-	-	-	-	-	-	-	95,8	95,9	95,5	-	-	-	3
315	-	-	-	-	-	-	-	-	-	-	-	-	95,8	95,6	95,1	-	-	-	
355	-	-	-	-	-	-	-	-	-	-	-	-	95,8	95,8	95,2	-	-	-	
400	-	-	-	-	-	-	-	-	-	-	-	-	95,8	95,8	95,8	-	-	-	
450	-	-	-	-	-	-	-	-	-	-	-	-	96,2	96,2	95,7	-	-	-	
500	-	-	-	-	-	-	-	-	-	-	-	-	96,4	96,4	95,9	-	-	-	
560	-	-	-	-	-	-	-	-	-	-	-	-	96,2	96,2	95,9	-	-	-	
630	-	-	-	-	-	-	-	-	-	-	-	-	96,3	96,3	96,1	-	-	-	
710	-	-	-	-	-	-	-	-	-	-	-	-	96,3	96,3	96,1	-	-	-	

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

eXC-mott-6p50-en_b_te 2

e-XC SERIES

THREE-PHASE MOTORS AT 50 Hz, 8 POLES

P _N kW	Manufacturer	IEC SIZE	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	WEG Equipamentos Elétricos S.A. Reg. No. 07.175.725/0010-50 Jaraguá do Sul - SC (Brazil)					cosφ	I _s / I _N	T _N Nm	T _s /T _N	T _m /T _N
	Model									
450	W22 400JH B3 450KW	400JH	B3	8	50	-	-	-	-	-
500	W22 400JH B3 500KW	400JH				-	-	-	-	-
560	W22 450JH B3 560KW	450JH				-	-	-	-	-
630	W22 450HGF B3 630KW	450HGF				-	-	-	-	-
710	W22 450HGF B3 710KW	450HGF				-	-	-	-	-
800	W22 500HGF B3 800KW	500HGF				-	-	-	-	-
900	W22 500HGF B3 900KW	500HGF				-	-	-	-	-
1000	W22 560HGF B3 1000KW	560HGF				-	-	-	-	-
1100	W22 560HGF B3 1100KW	560HGF				-	-	-	-	-

P _N kW	Voltage U _N V											n _N min ⁻¹	Operating conditions **		
	V												Altitude Above Sea Level (m)	T. amb min/max °C	ATEX
	Δ			Y			Δ			Y					
	220 V	230 V	240 V	380 V	400 V	415 V	380 V	400 V	415 V	660 V	690 V				
	I _N (A)														
450	-	-	-	-	-	-	-	-	-	-	-	750	≤ 1000	-20 / 40	No
500	-	-	-	-	-	-	-	-	-	-	-	750			
560	-	-	-	-	-	-	-	-	-	-	-	750			
630	-	-	-	-	-	-	-	-	-	-	-	750			
710	-	-	-	-	-	-	-	-	-	-	-	750			
800	-	-	-	-	-	-	-	-	-	-	-	750			
900	-	-	-	-	-	-	-	-	-	-	-	750			
1000	-	-	-	-	-	-	-	-	-	-	-	750			
1100	-	-	-	-	-	-	-	-	-	-	-	750			

P _N kW	Efficiency η_N																		IE
	%																		
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 240 V Y 415 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V			Δ 415 V			
	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	
450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.
 Data available upon request.

eXC-mott-8p50-en_a_te

e-XC SERIES

SOUND PRESSURE LEVELS

The tables below show the mean sound pressure levels (Lp) measured at 1 meter distance in a free field according to EN ISO 11203. The noise values are measured on 50 Hz motors and have a tolerance of 3 dB (A) according to EN ISO 4871.

PUMP END ONLY - PEO

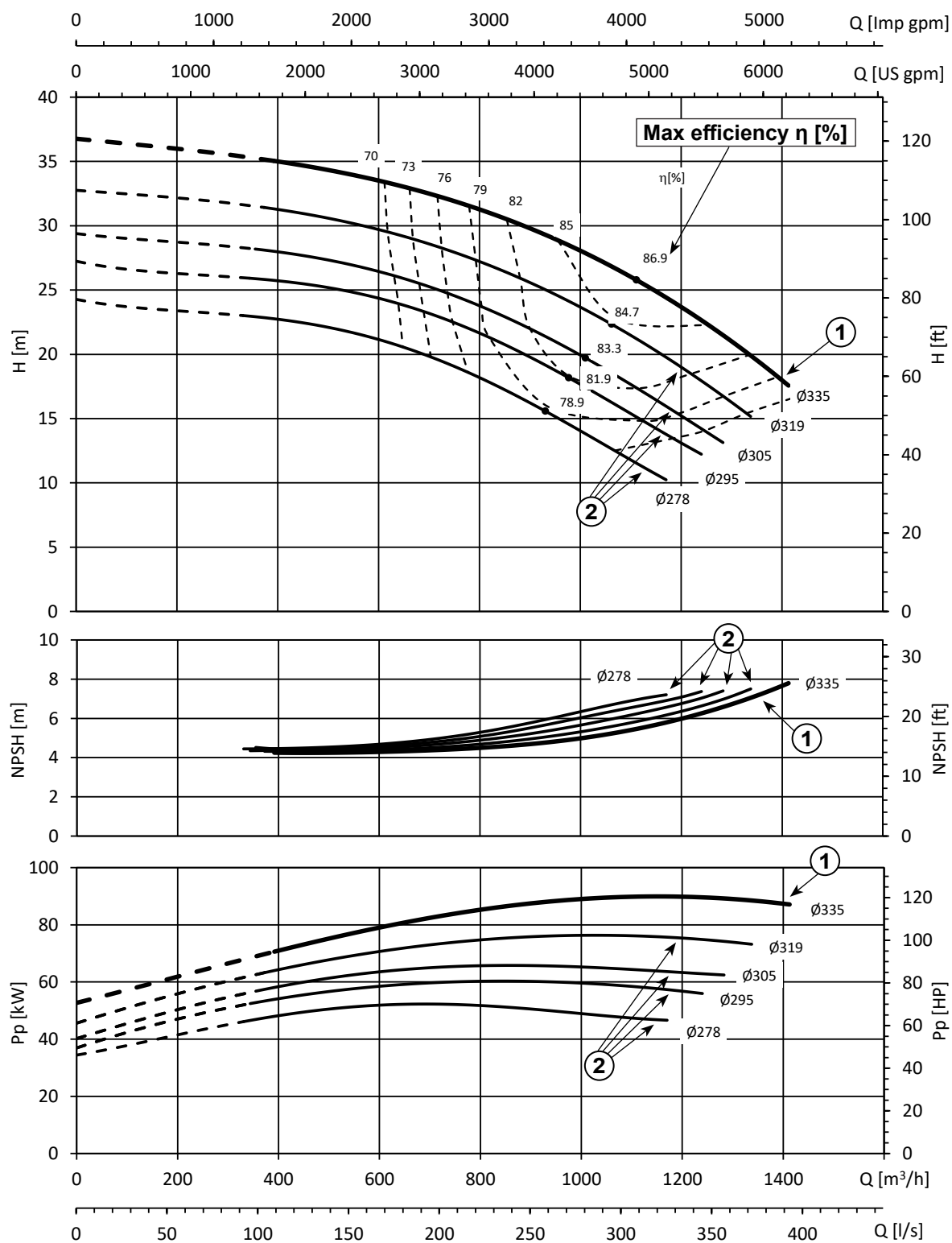
PUMP POWER [kW]	SPEED [RPM]			
	2950 [dBA]	1450 [dBA]	975 [dBA]	740 [dBA]
1,1	-	-	52,5	-
1,5	-	54,7	54,2	-
2,2	57,6	56,7	56,2	-
3	59,3	58,4	57,9	-
4	60,9	60	59,4	-
5,5	62,7	61,7	61,2	-
7,5	64,3	63,4	62,9	-
11	66,5	65,5	65	-
15	68,1	67,2	66,7	-
18,5	69,2	68,3	67,8	-
22	70,2	69,3	68,7	-
30	71,8	70,9	70,4	-
37	73	72,1	71,6	-
45	74,1	73,2	72,6	-
55	75,2	74,3	73,7	-
75	76,8	75,9	75,4	-
90	77,9	77	76,4	-
110	79	78,1	77,5	77,2
132	79,9	79	78,5	78,1
160	81	80,1	79,6	79,2
200	82,2	81,3	80,8	80,4
250	83,4	82,5	82	81,6
315	84,6	83,7	83,2	82,8
355	85,3	84,4	83,8	83,5
400	85,9	85	84,5	84,1
450	-	85,7	85,1	84,8
500	-	86,2	85,7	85,3
560	-	86,9	86,3	86
630	-	87,5	87	86,6
710	-	88,2	87,6	87,3
800	-	88,8	88,3	87,9
900	-	89,5	88,9	88,6
1000	-	90	89,5	89,1
1200	-	91	90,5	90,1
1400	-	91,9	91,3	91
1600	-	92,6	92,1	91,7
1800	-	93,2	92,6	92,3
2000	-	93,8	93,3	92,9

PUMP WITH STANDARD MOTOR (400/690V) - PBCM

PUMP POWER [kW]	SPEED [RPM]			
	2950 [dBA]	1450 [dBA]	975 [dBA]	740 [dBA]
1,1	-	-	54,4	-
1,5	-	56,9	55,6	-
2,2	63,3	58,2	60,2	-
3	67,7	59,5	61	-
4	65,7	61,5	61,8	-
5,5	68,4	62,7	62,9	-
7,5	68,9	64,1	65,1	-
11	69,8	66,8	66,5	-
15	70,6	68,1	67,7	-
18,5	71,2	69,2	69	-
22	71,9	70,4	69,7	-
30	73,3	71,6	71,1	-
37	75,1	74,6	72,2	-
45	76,2	73,8	73,3	-
55	78,1	75	75,6	-
75	79,9	76,6	77	-
90	81	77,5	77,7	-
110	81,5	79,1	78,6	78,9
132	82,5	79,8	79,4	79,8
160	83,1	81,1	80,5	80,6
200	84,2	82,4	82,3	81,5
250	85	83,4	83,2	82,5
315	86,5	84,4	84,1	83,5
355	87	85	84,6	84,1
400	88,5	85,8	85,2	84,6
450	-	86,4	85,7	85,2
500	-	86,8	86,2	85,7
560	-	87,4	86,8	86,3
630	-	88	87,4	86,9
710	-	88,6	88	-
800	-	89,1	88,6	-
900	-	89,8	-	-
1000	-	90,3	-	-

eXC-en_a_tr

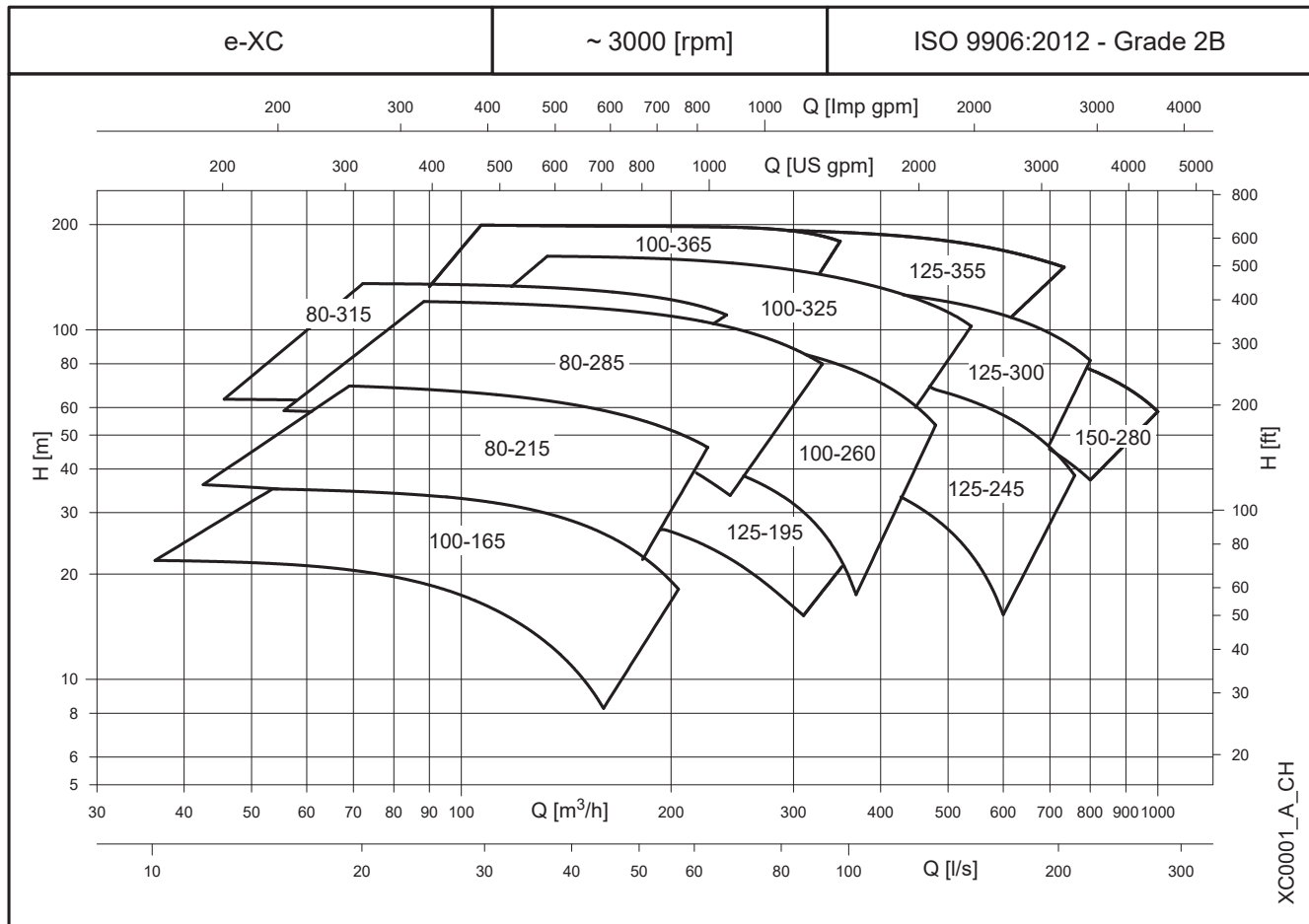
e-XC SERIES IDENTIFICATION OF GRAPH



REF	TYPE	DESCRIPTION
①		Full Diameter impeller operating range
②		Trimmed diameter impeller operating range
③		Isoefficiency curves

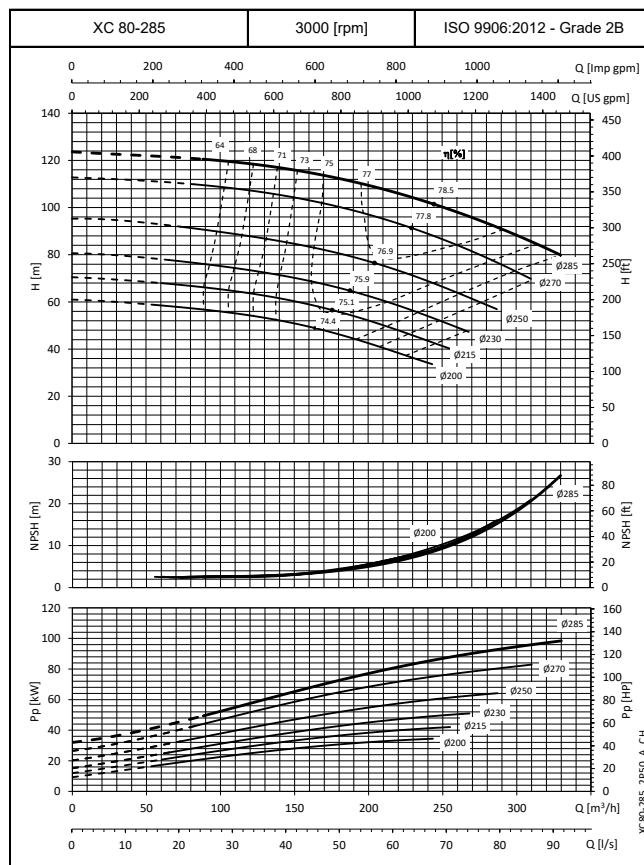
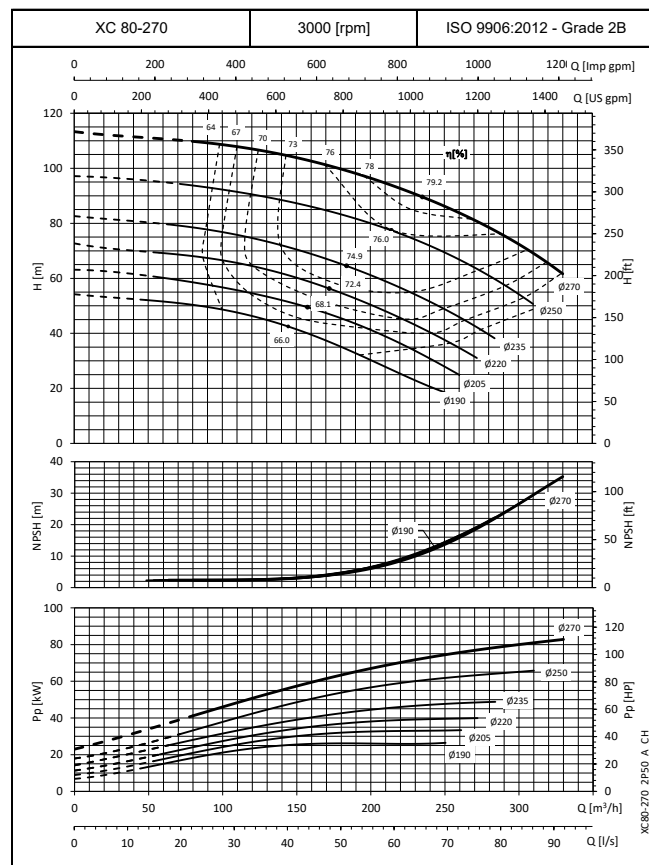
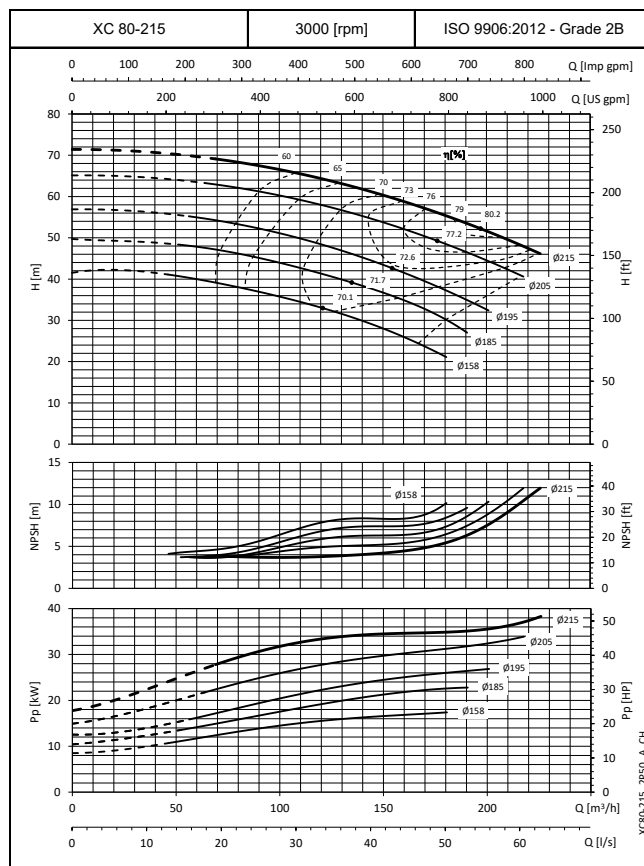
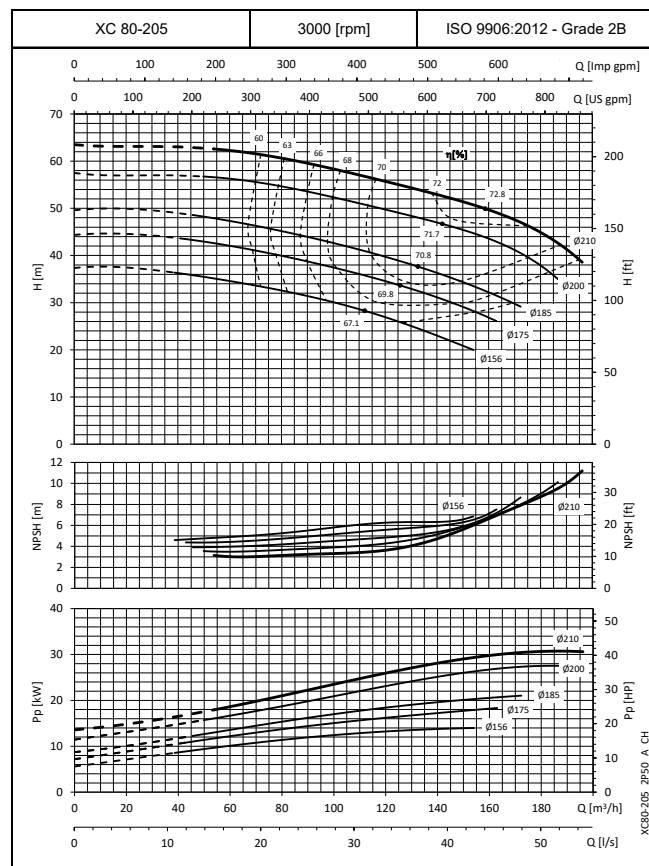
e-XC SERIES

HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 2 POLES



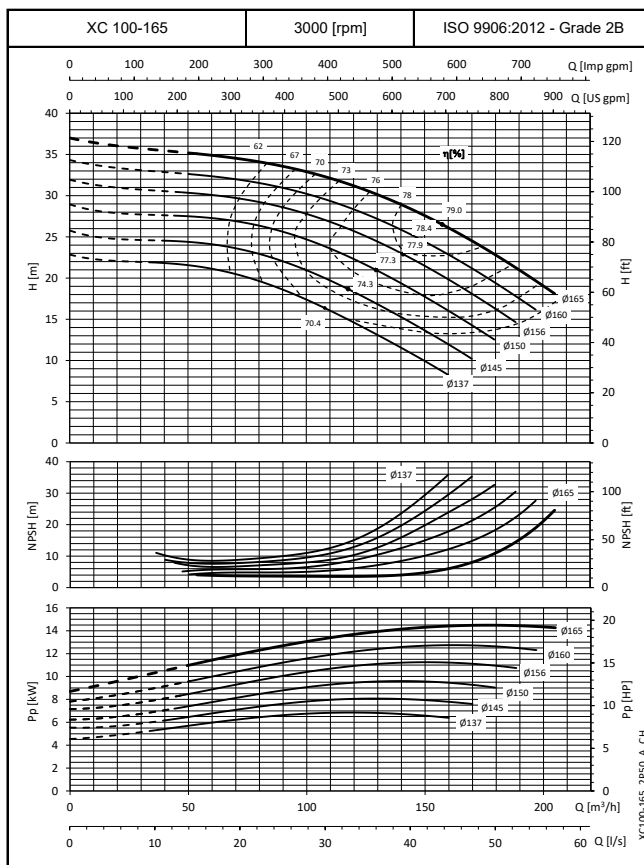
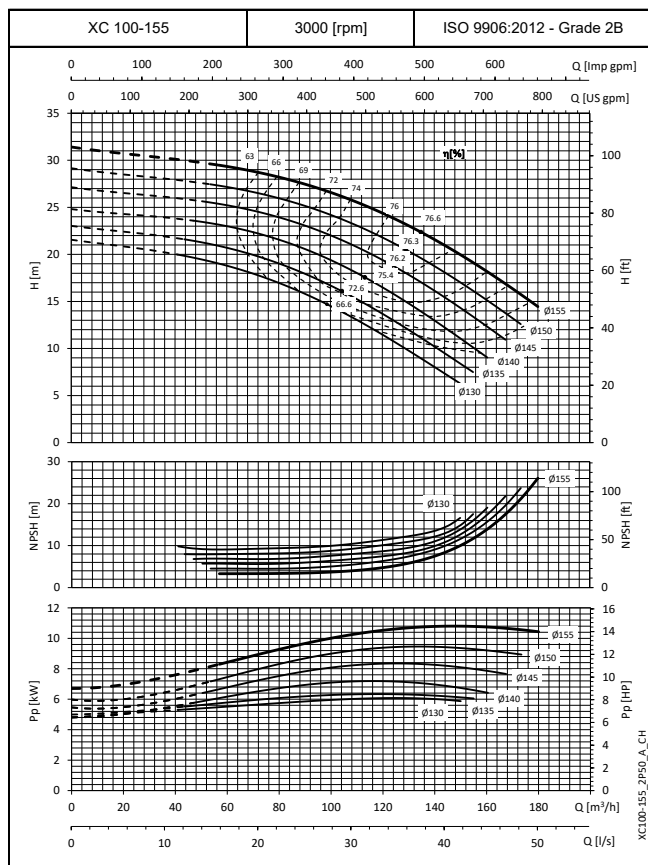
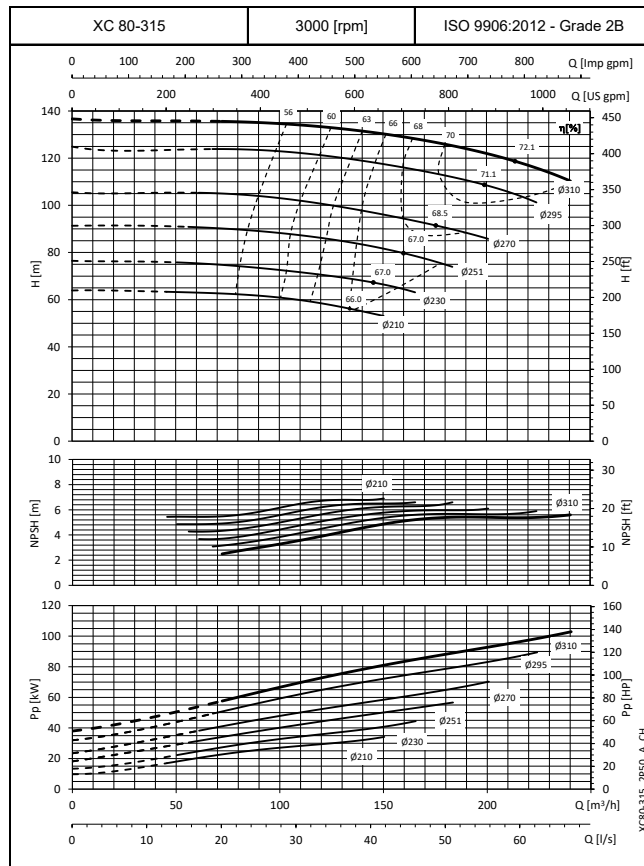
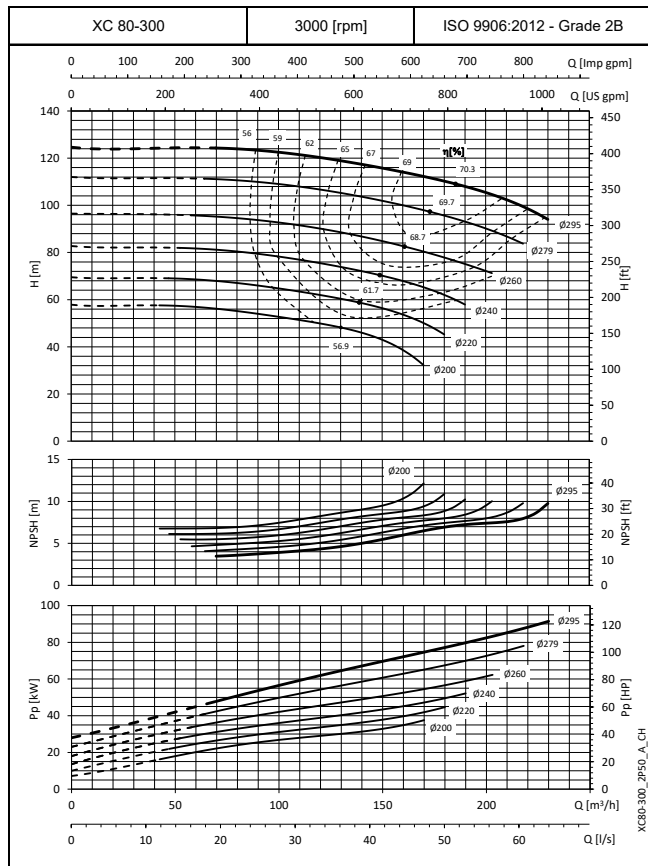
e-XC SERIES

OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

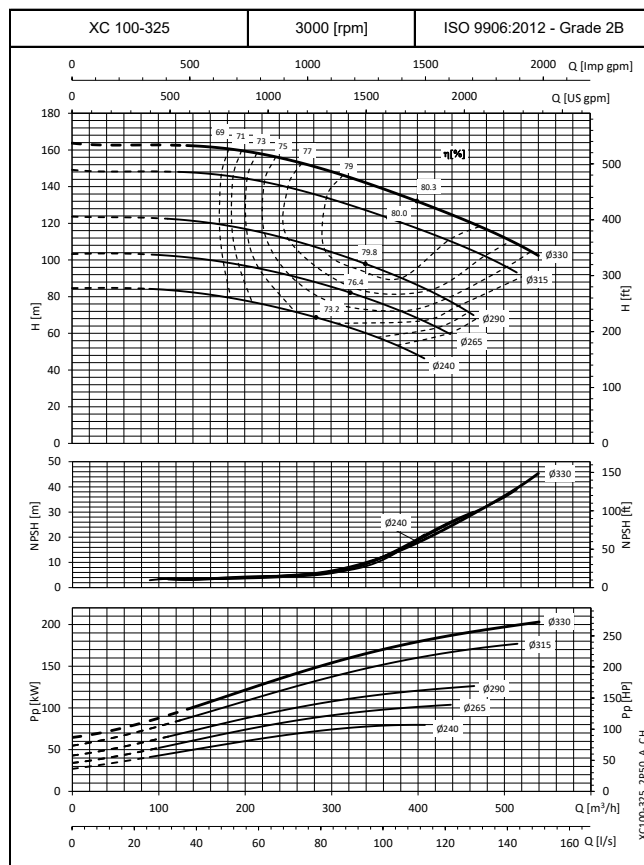
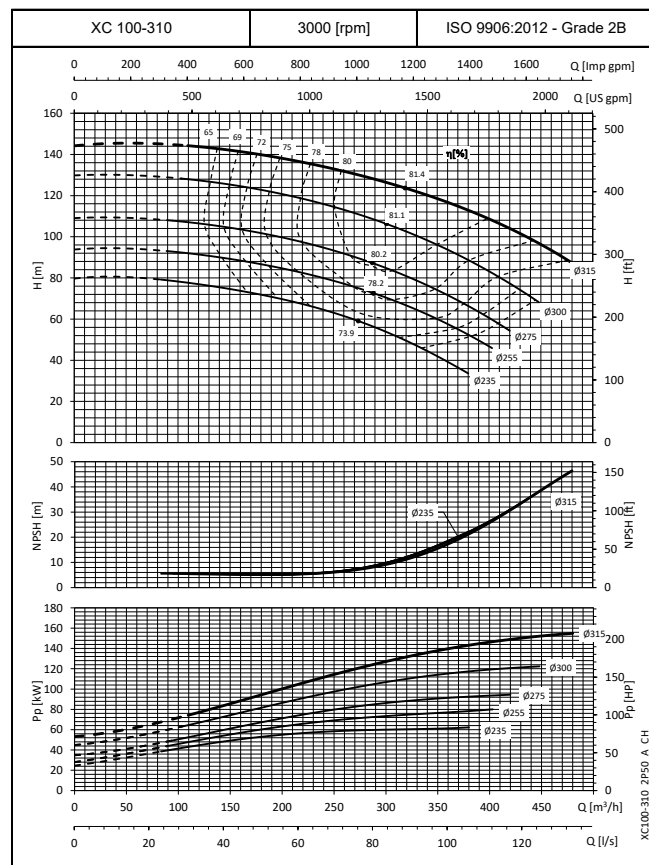
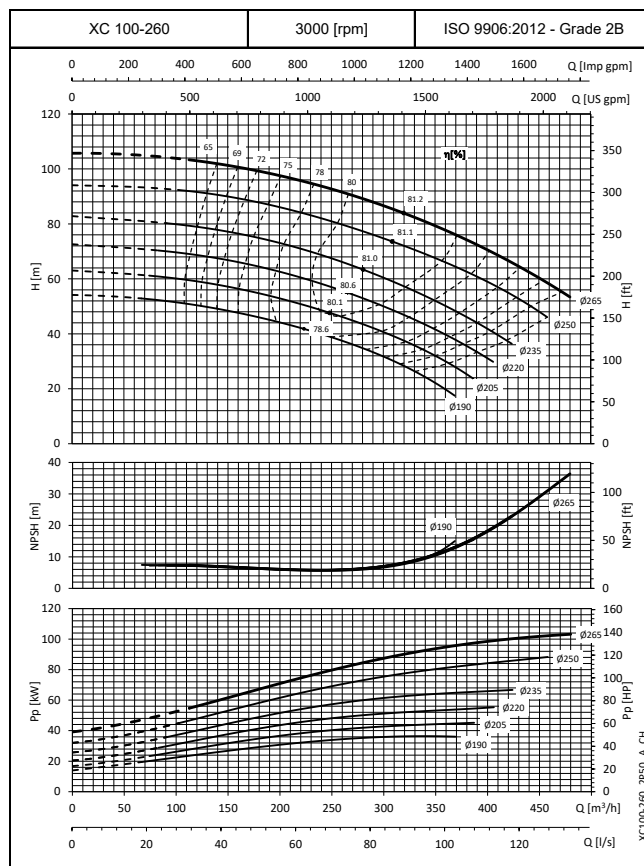
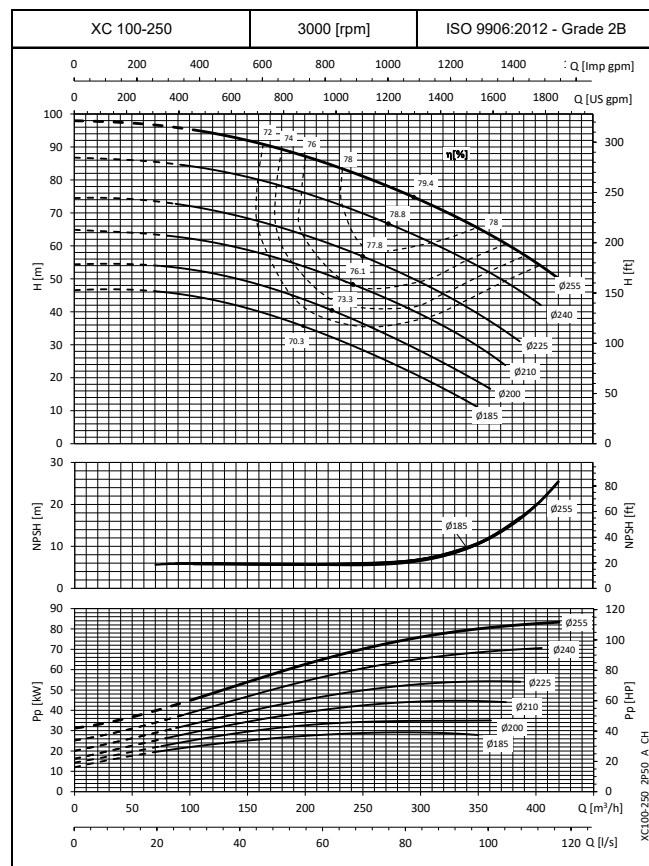
e-XC SERIES OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

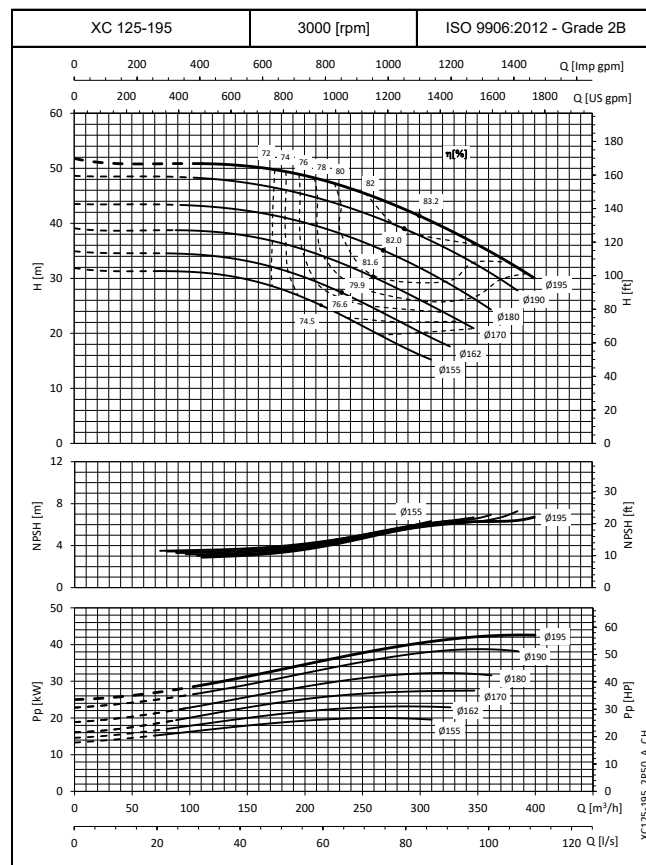
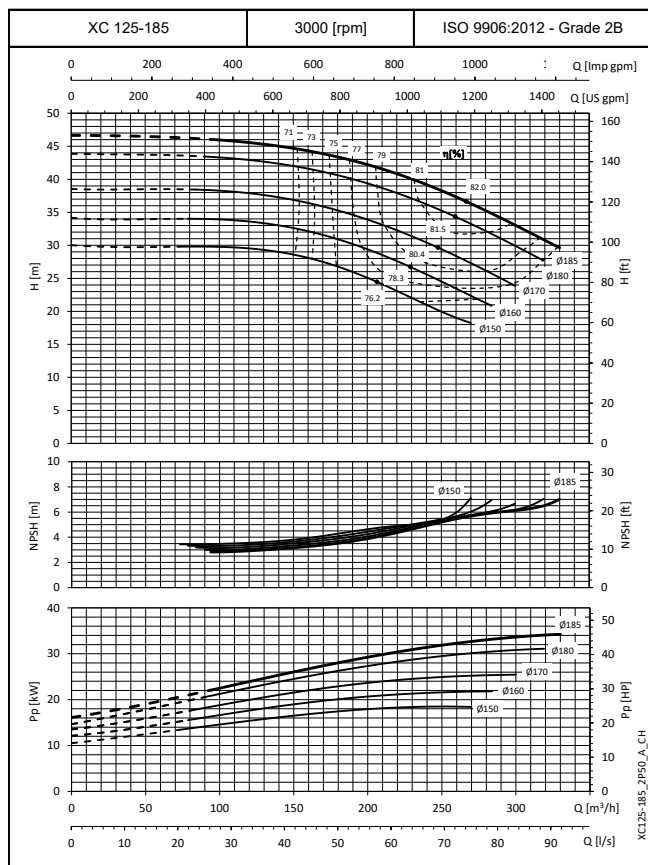
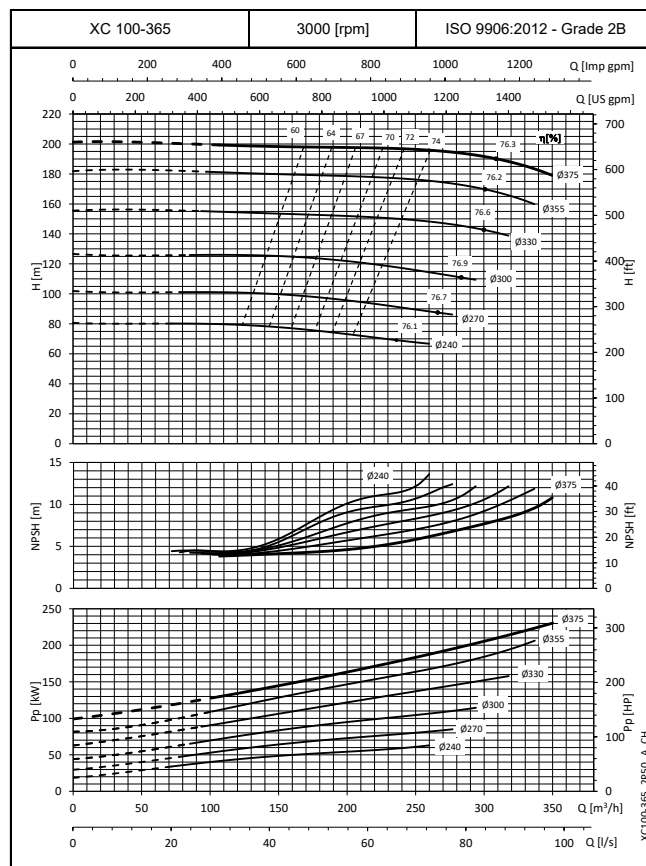
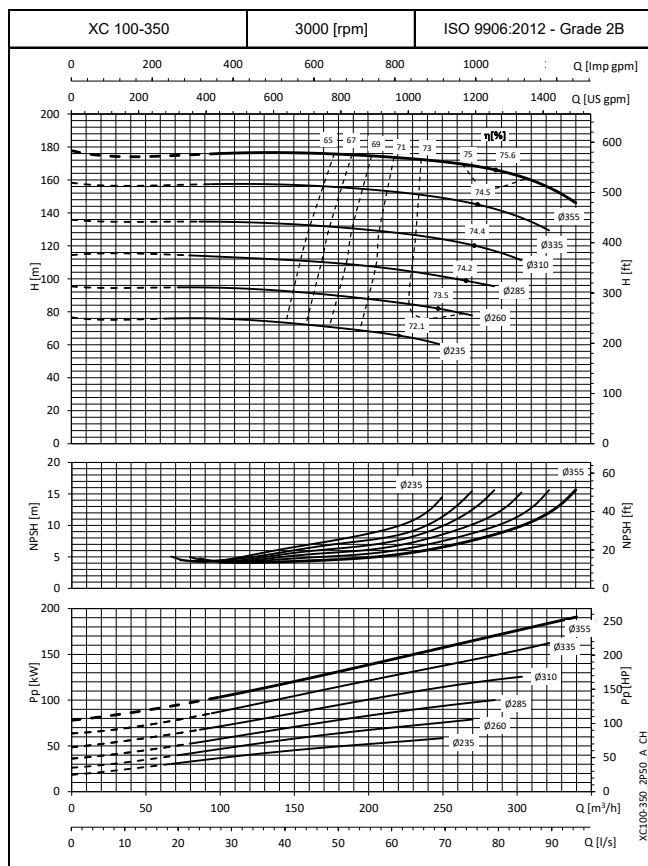
e-XC SERIES

OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



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These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

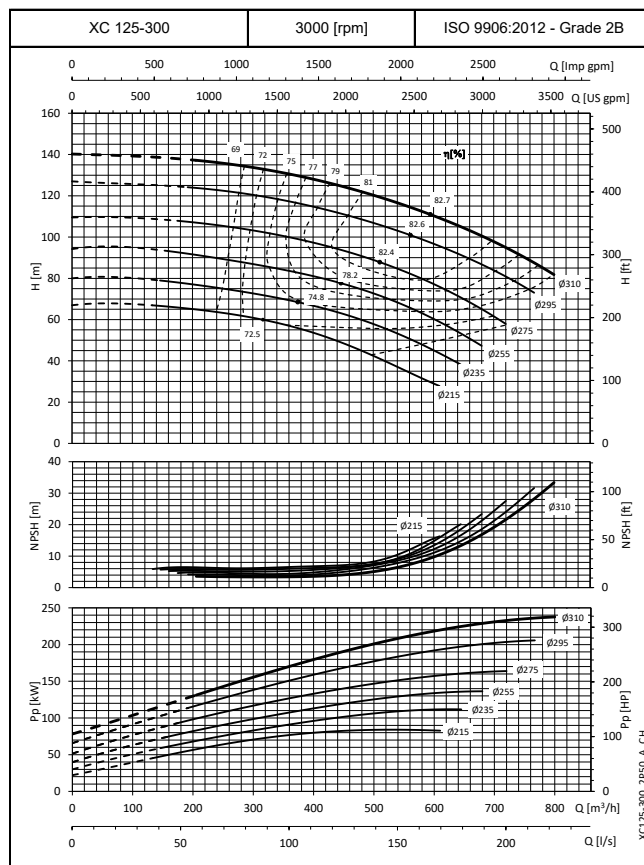
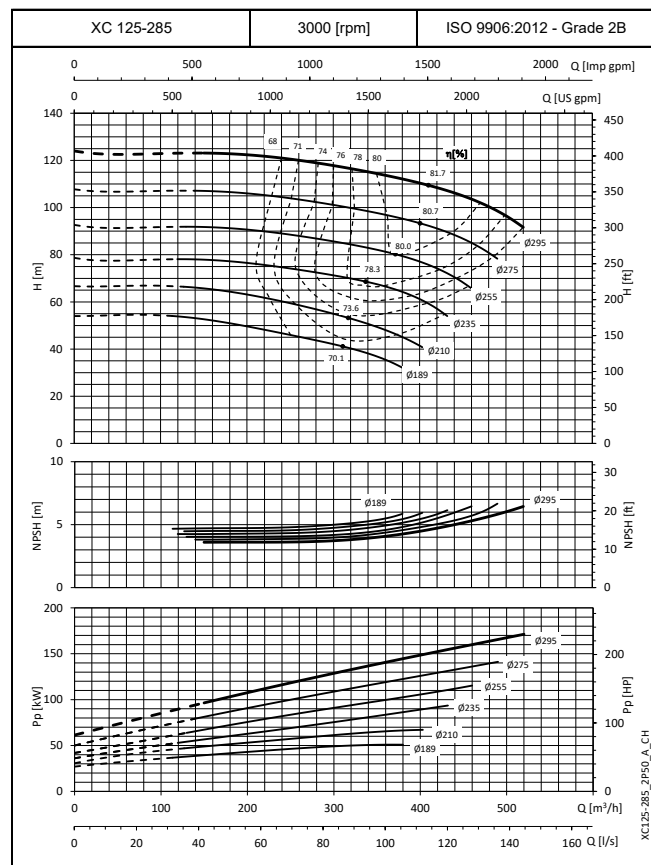
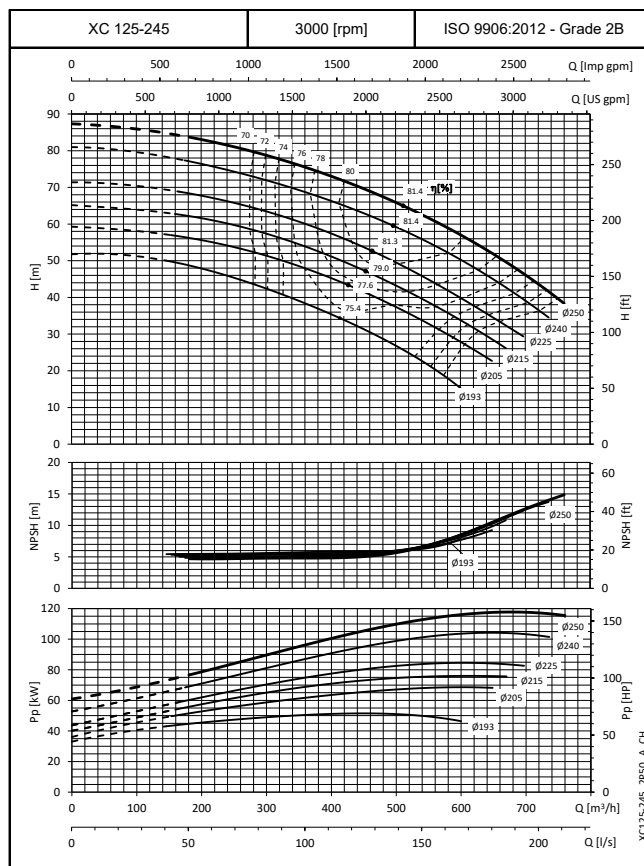
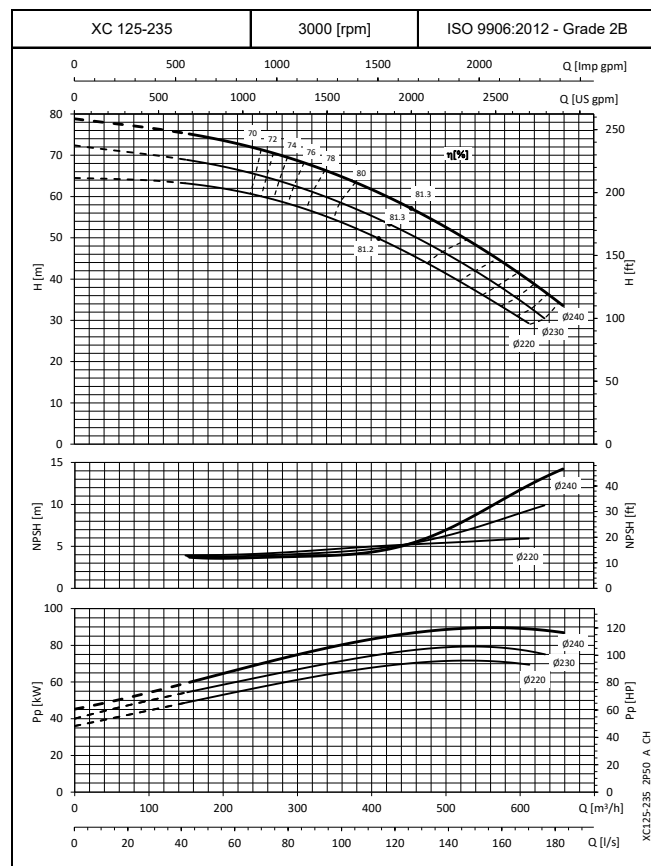
e-XC SERIES **OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES**



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

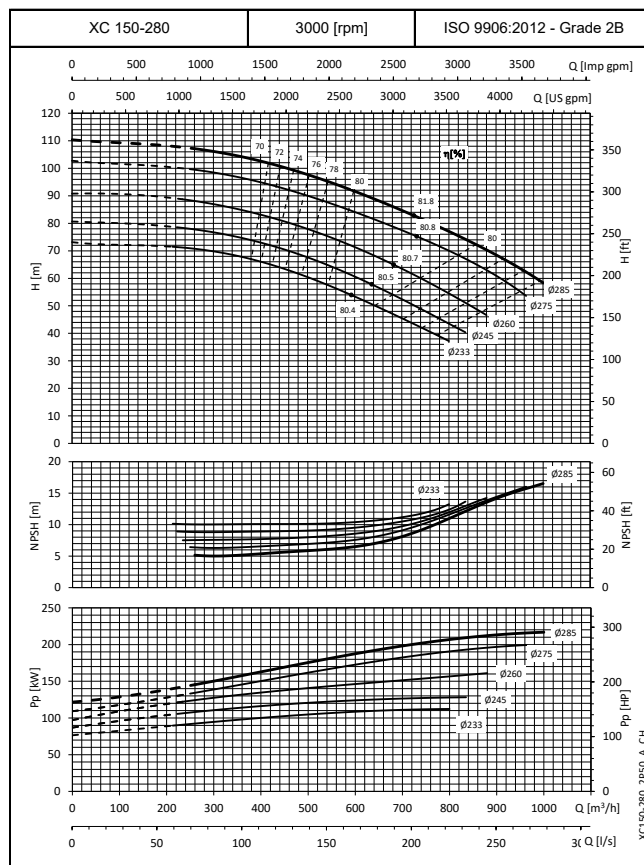
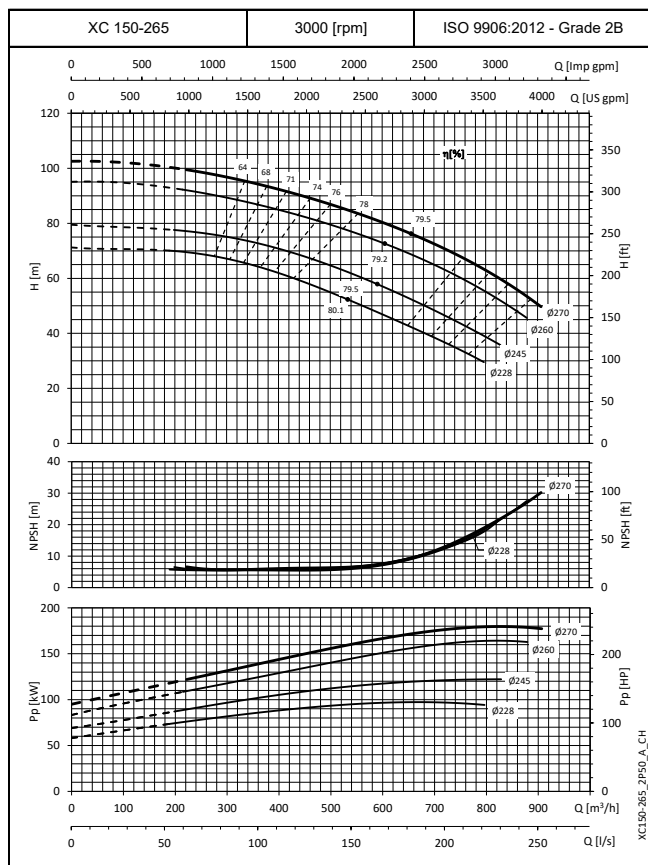
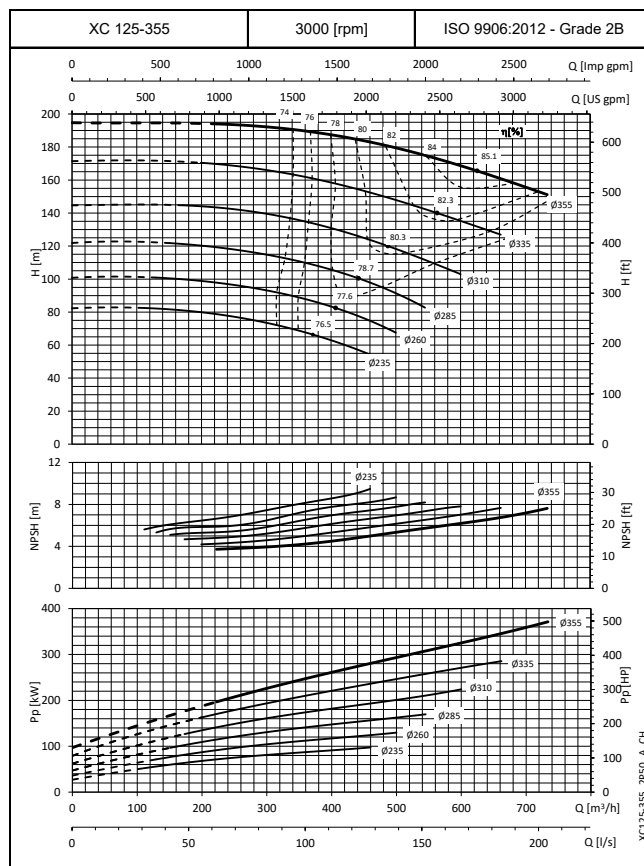
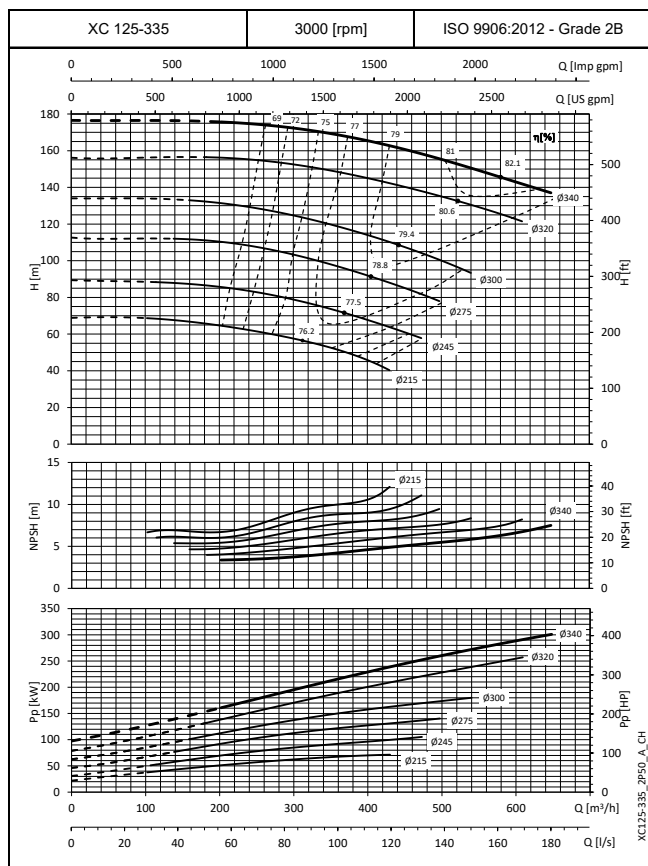
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



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These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

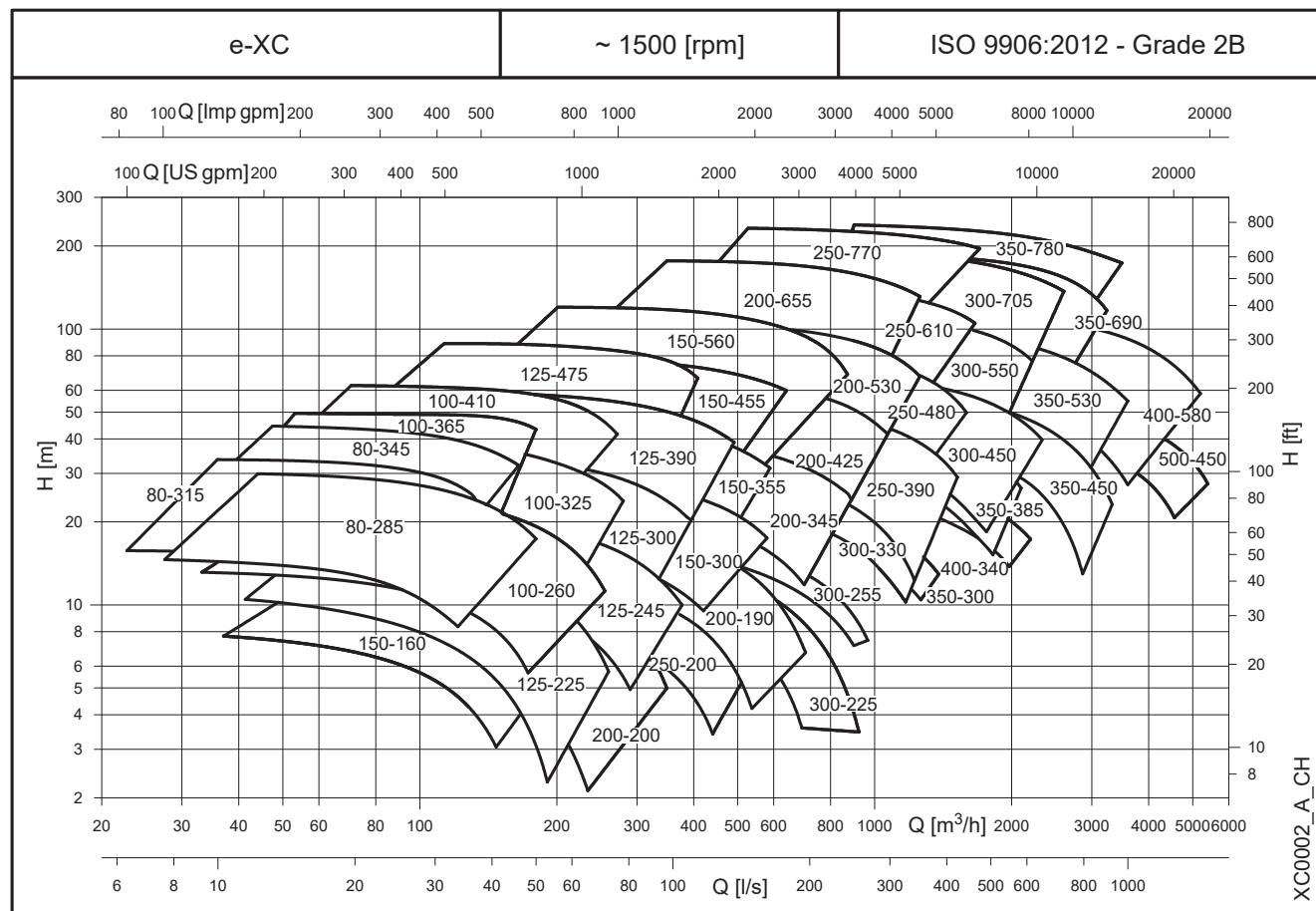
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



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These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

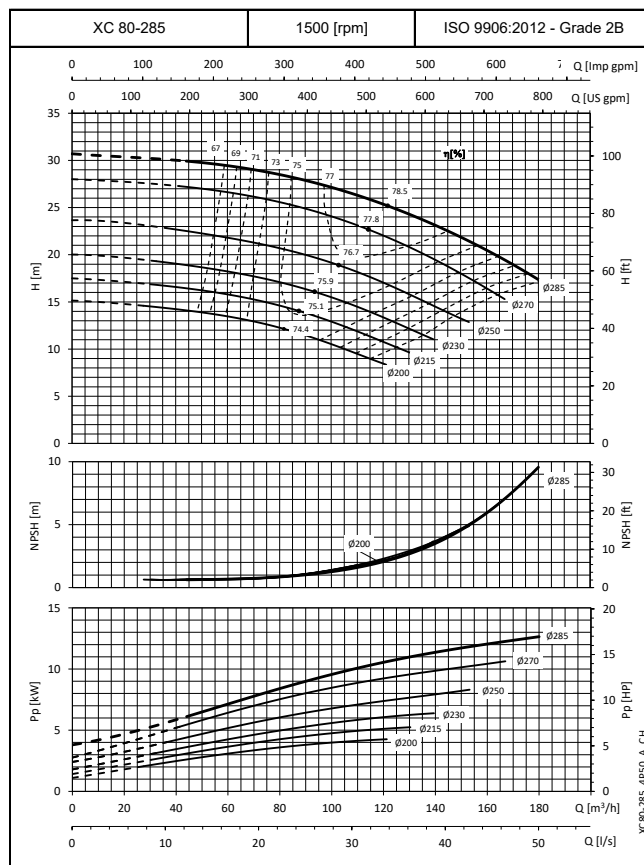
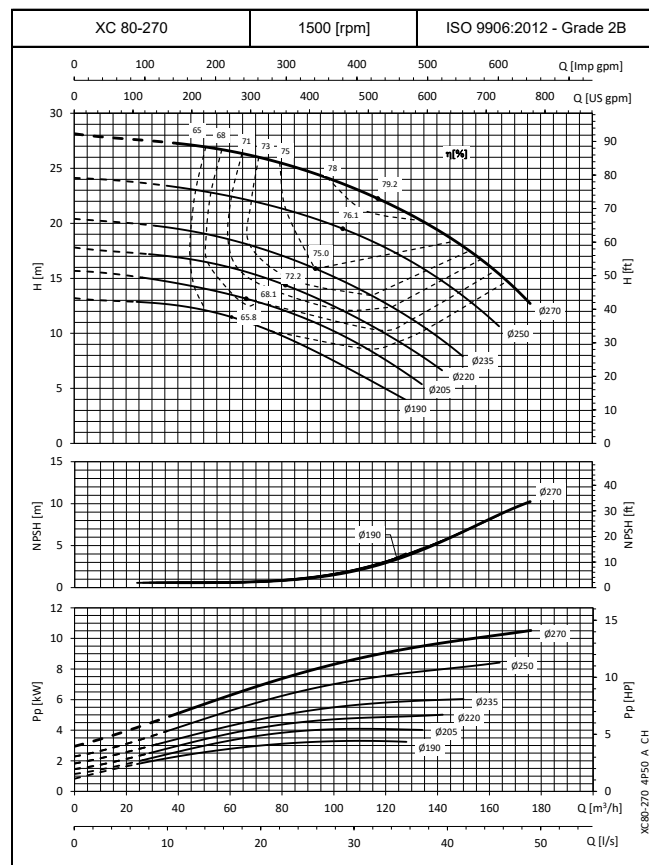
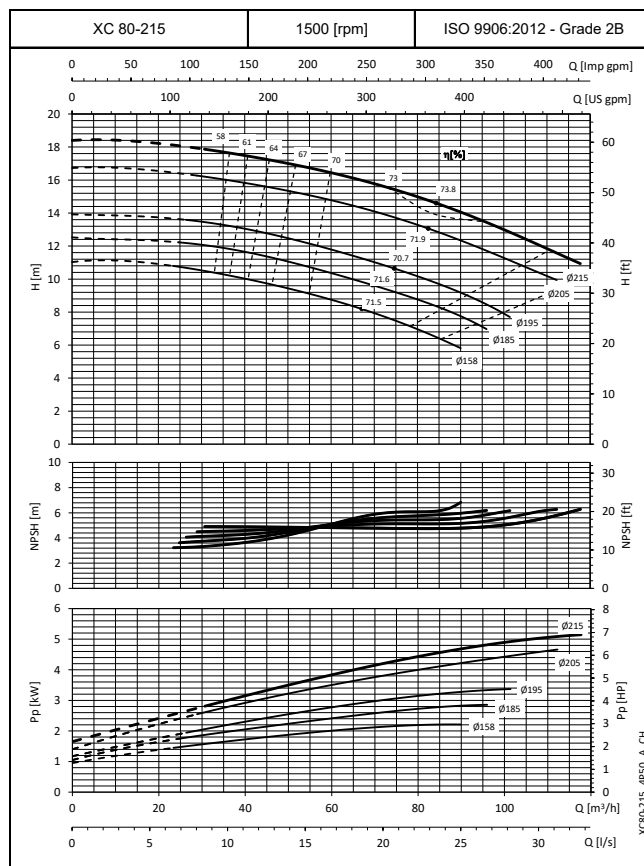
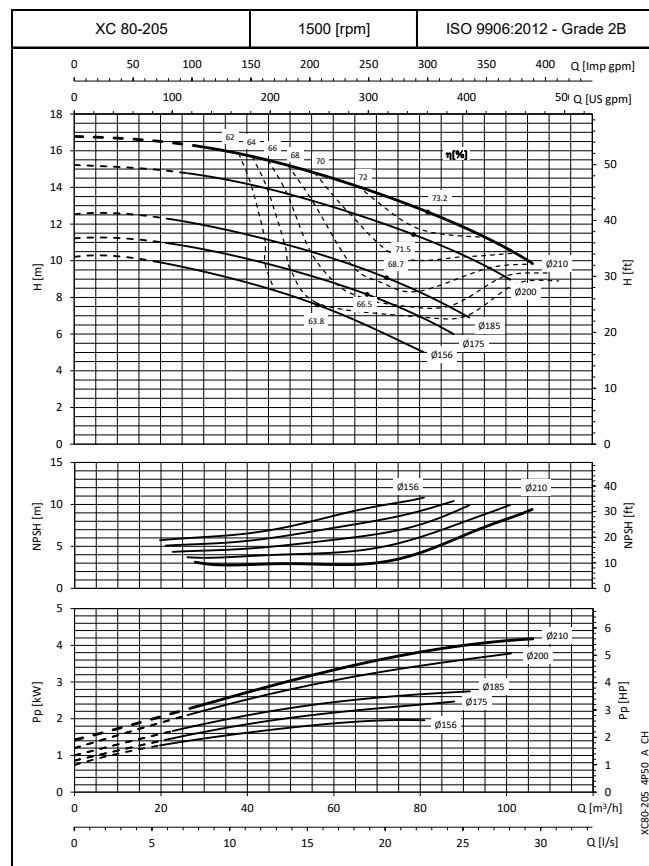
e-XC SERIES

HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 4 POLES



e-XC SERIES

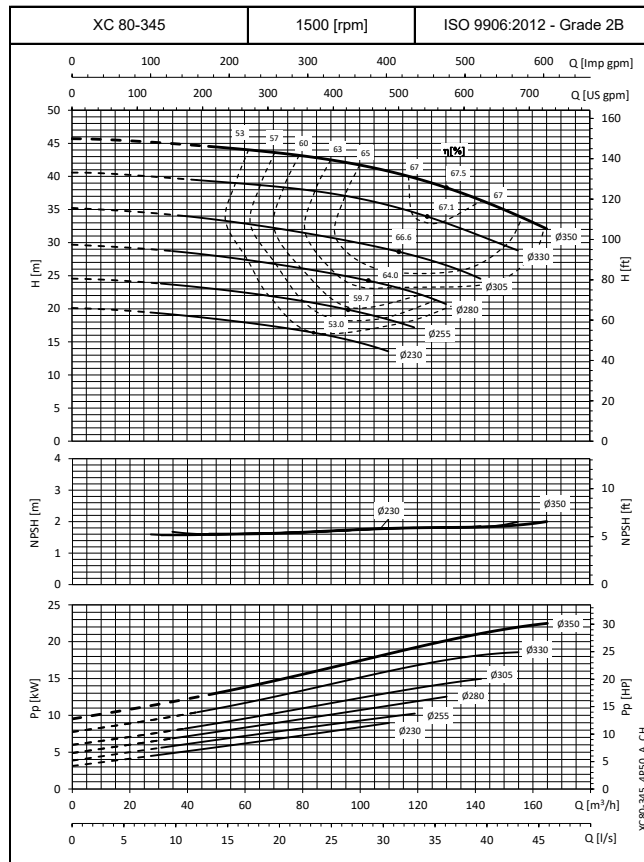
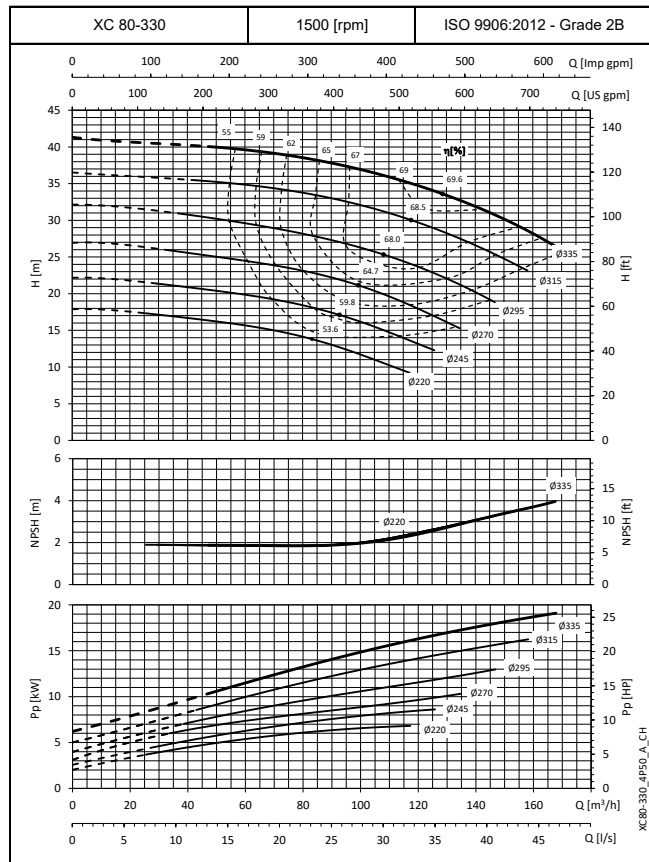
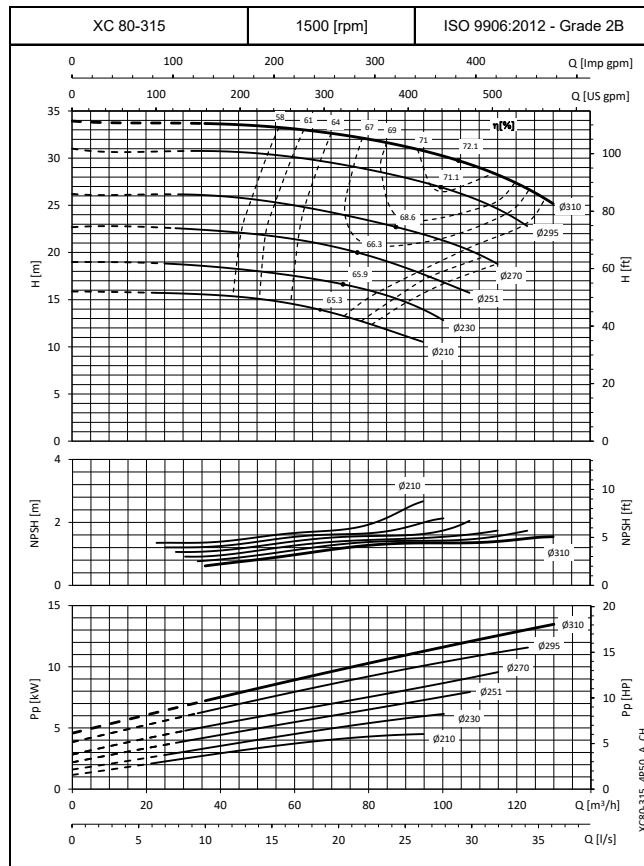
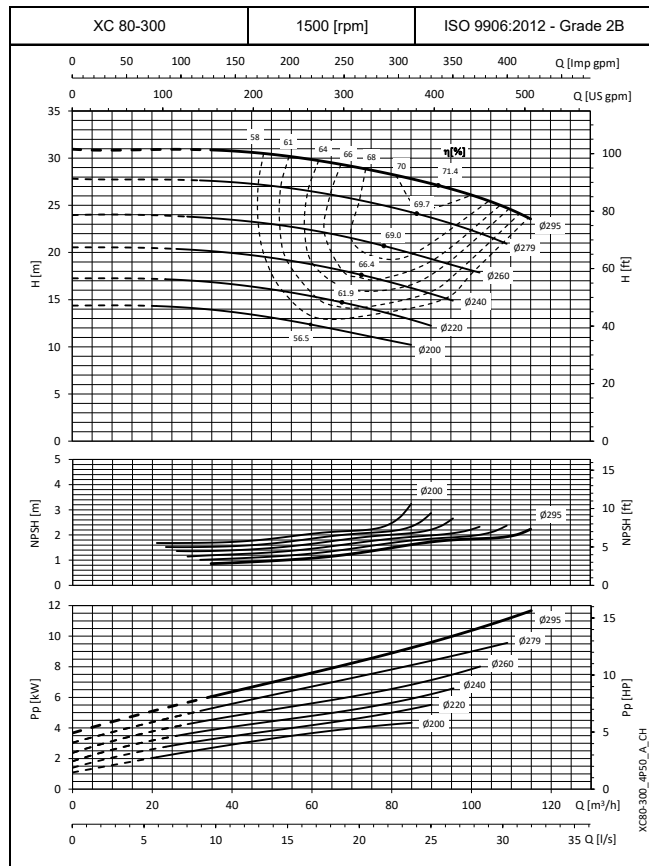
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

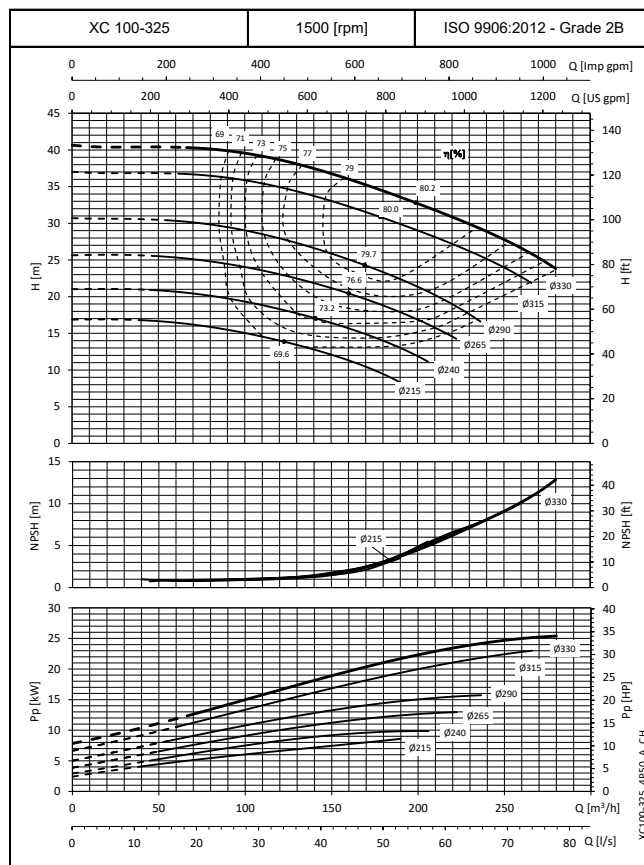
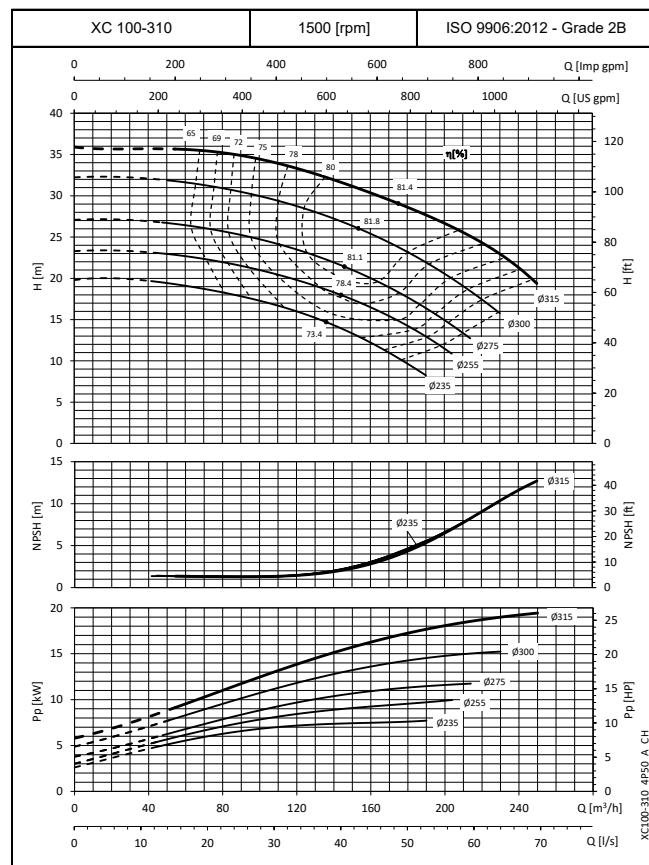
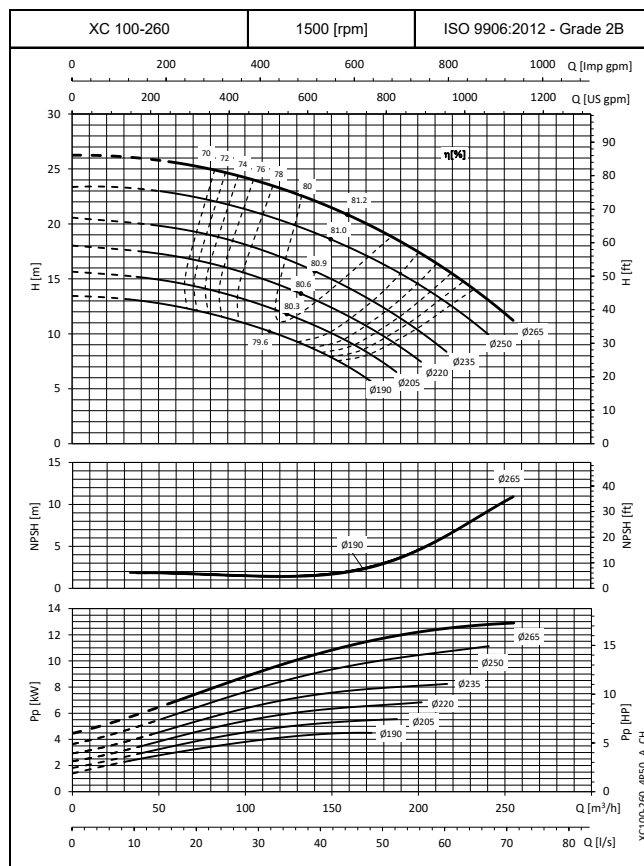
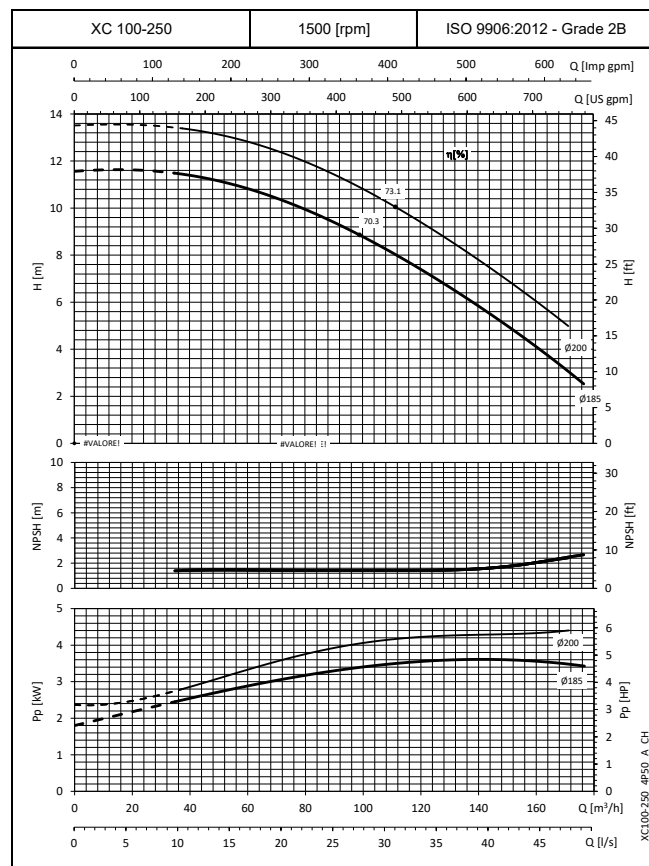
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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e-XC SERIES

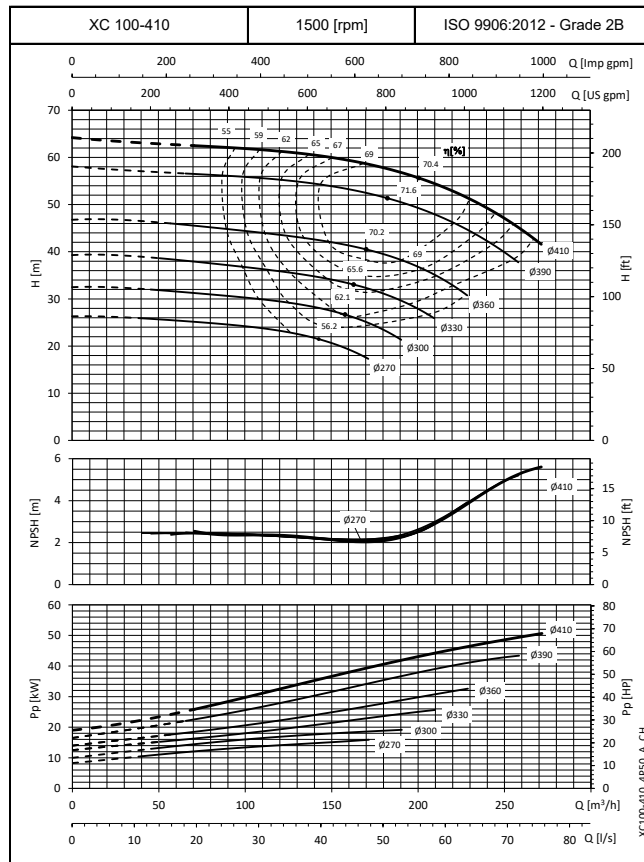
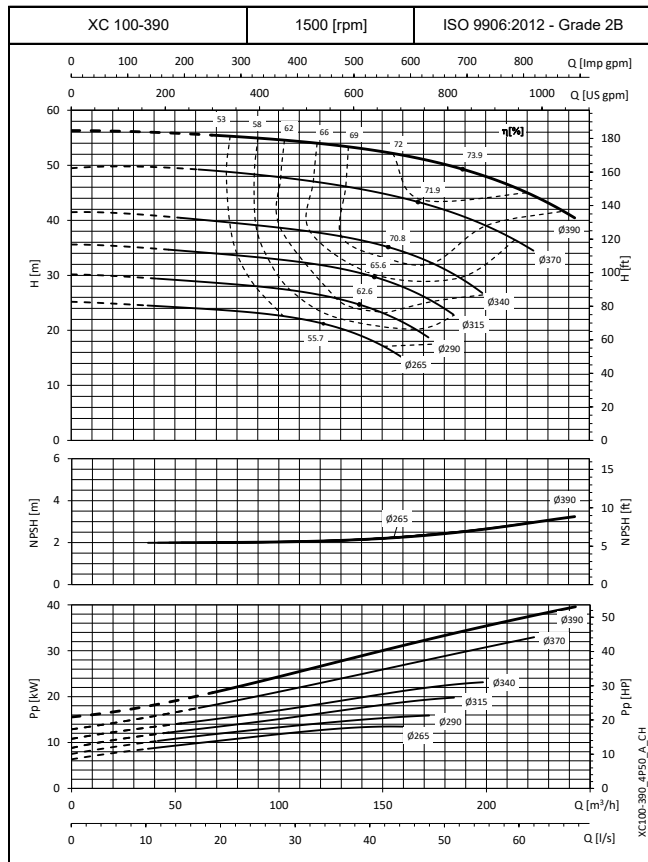
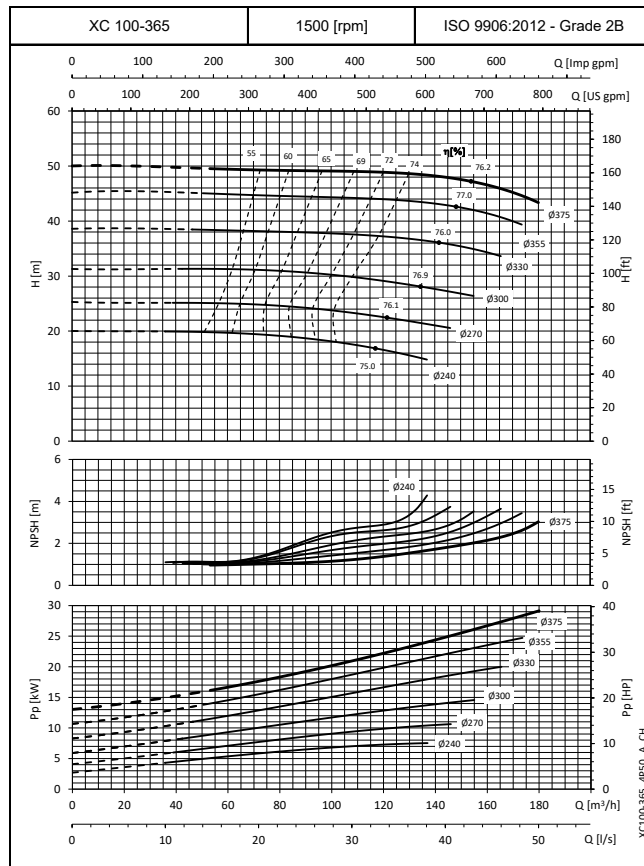
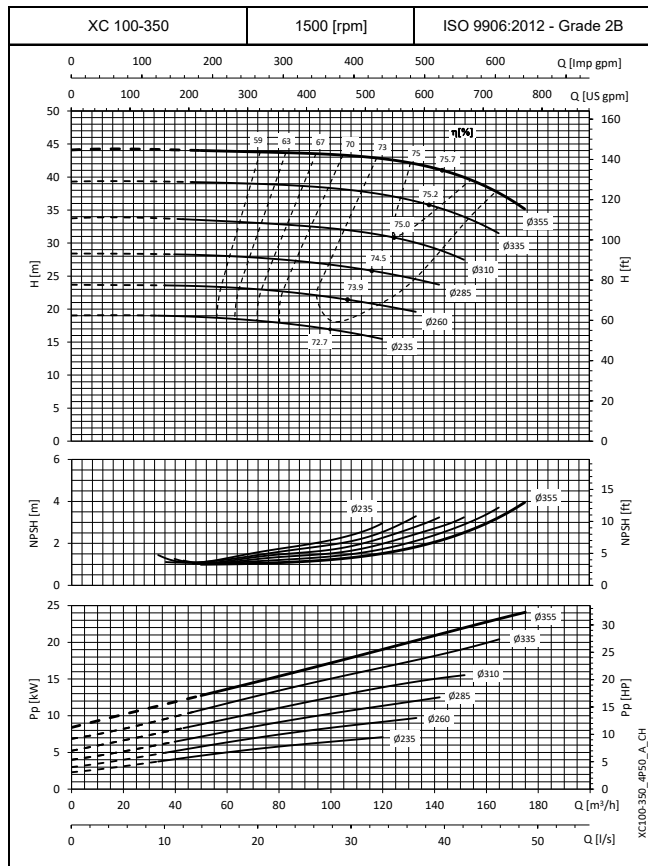
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

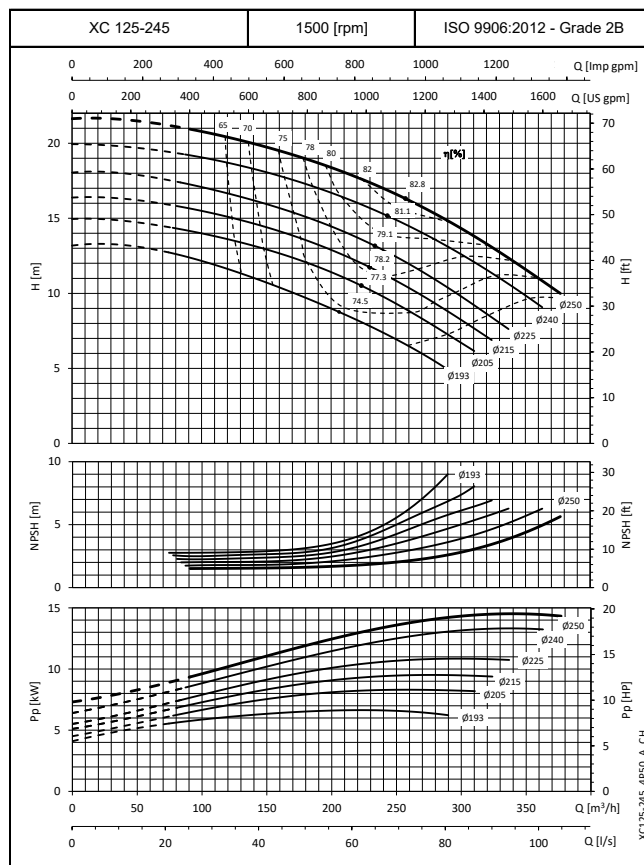
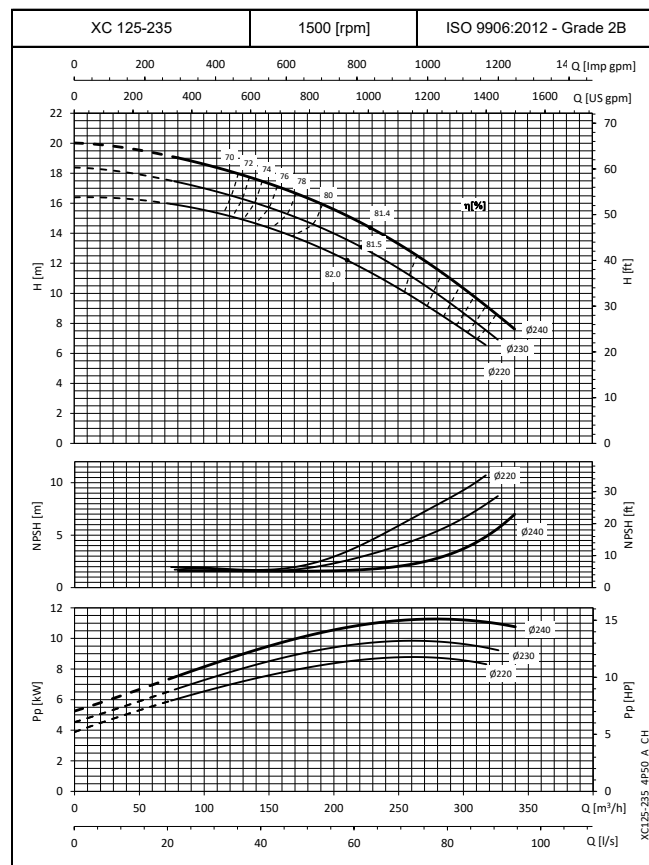
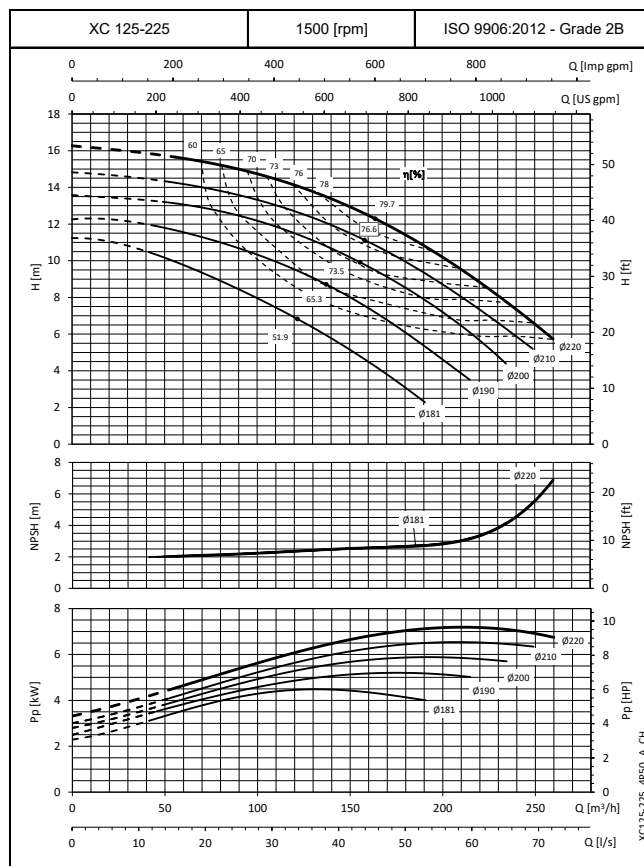
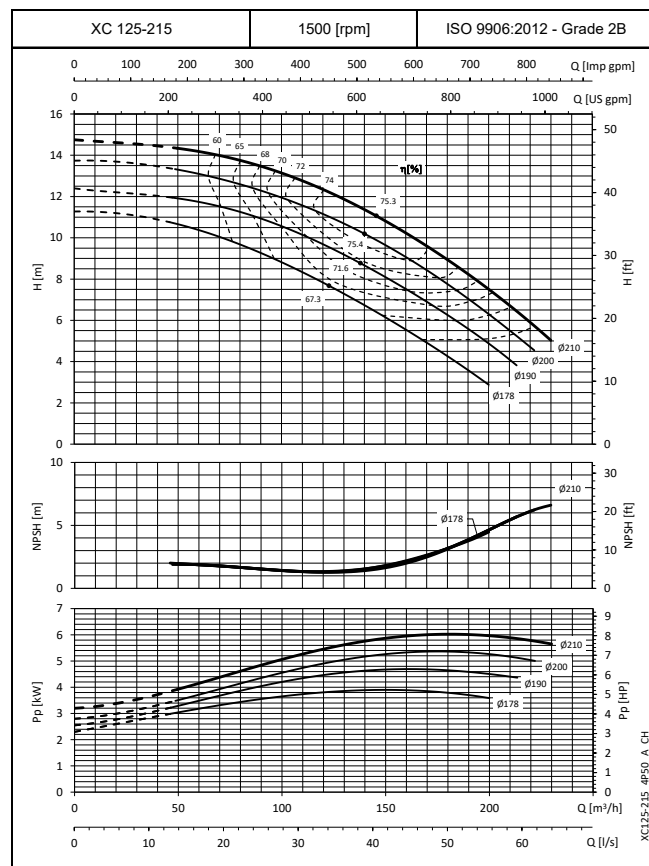
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

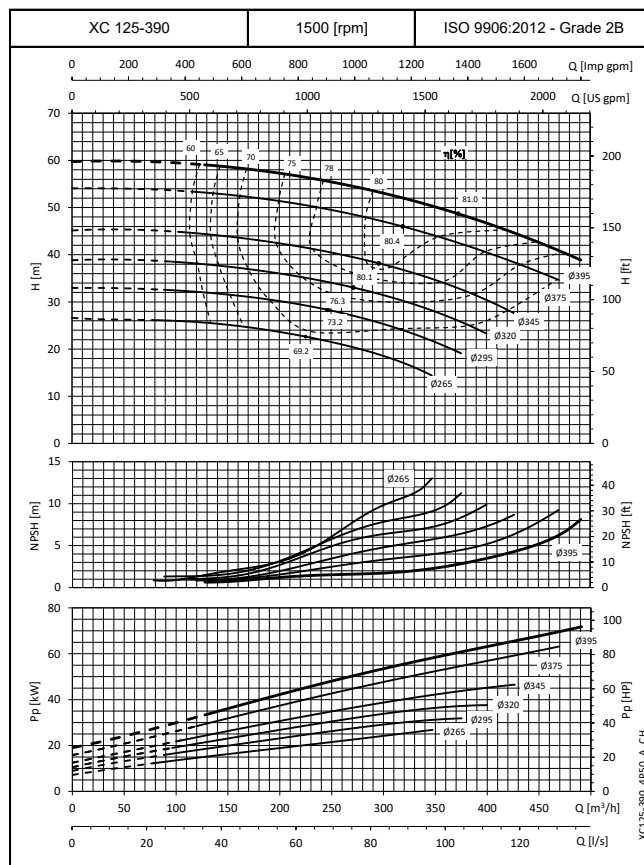
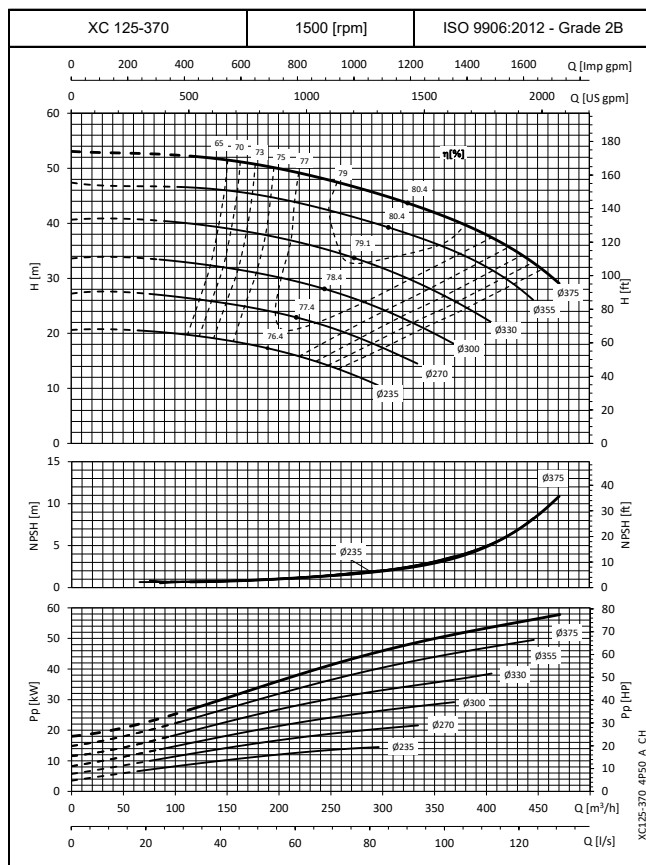
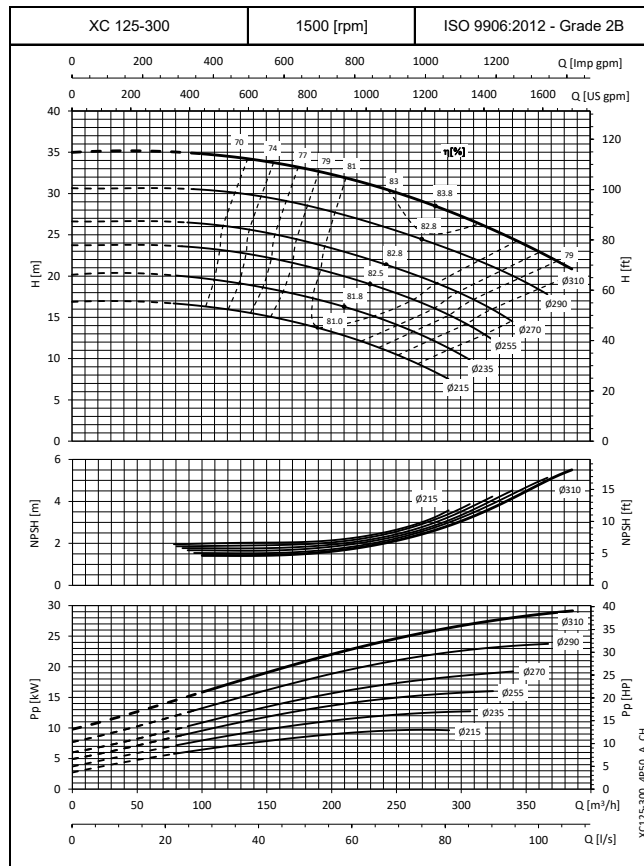
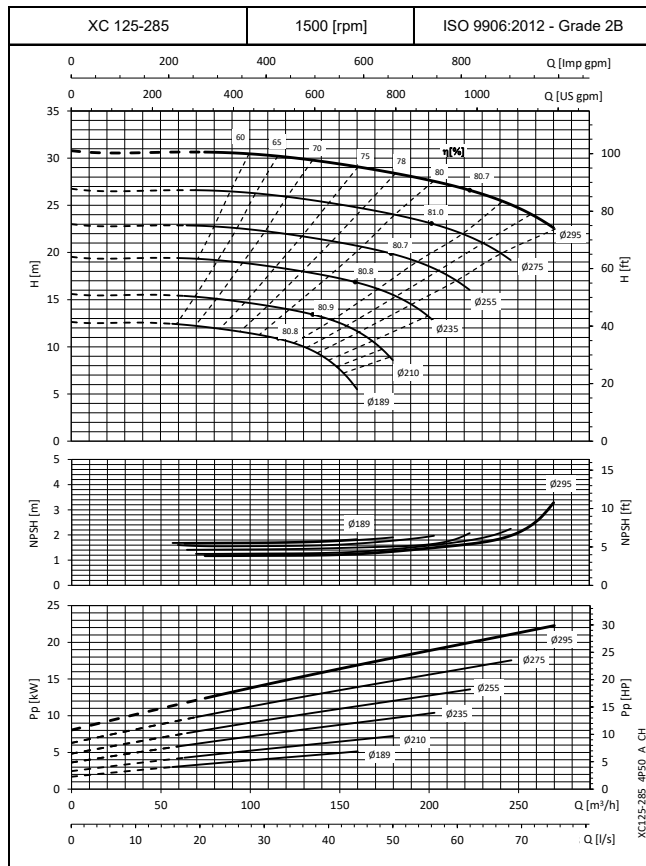
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

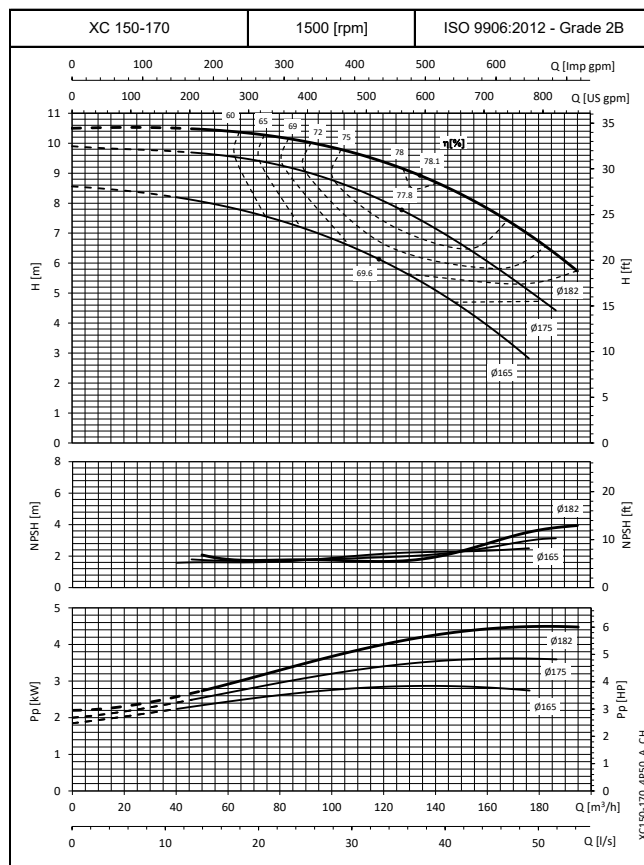
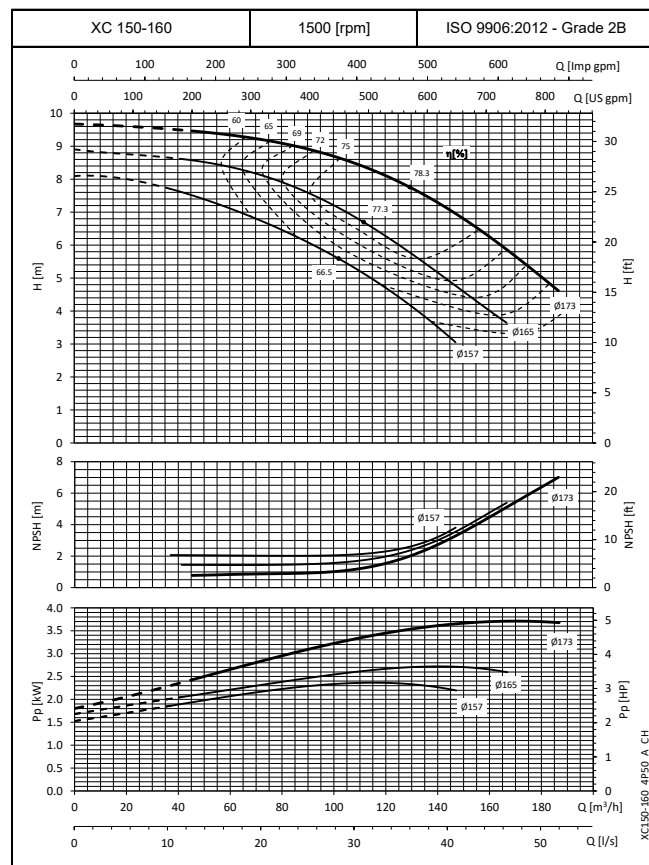
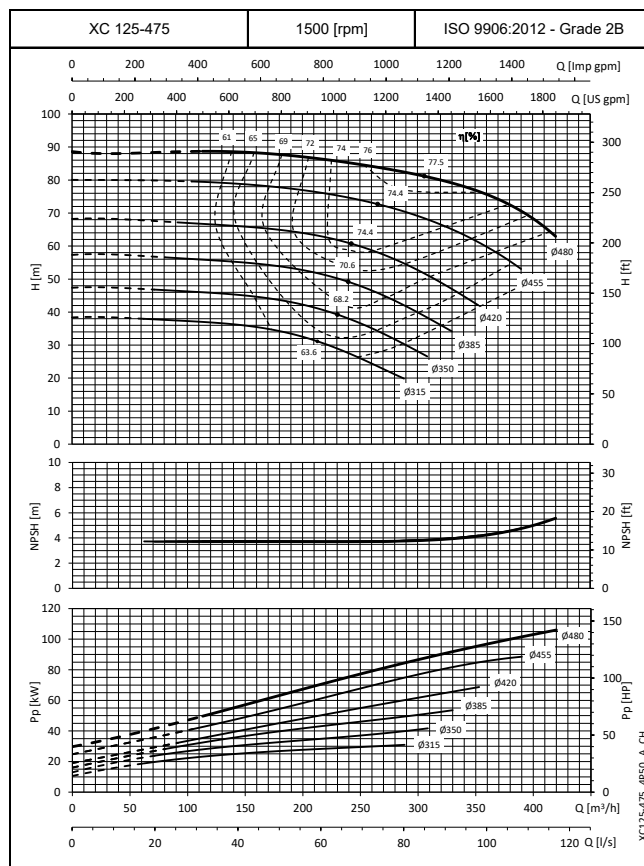
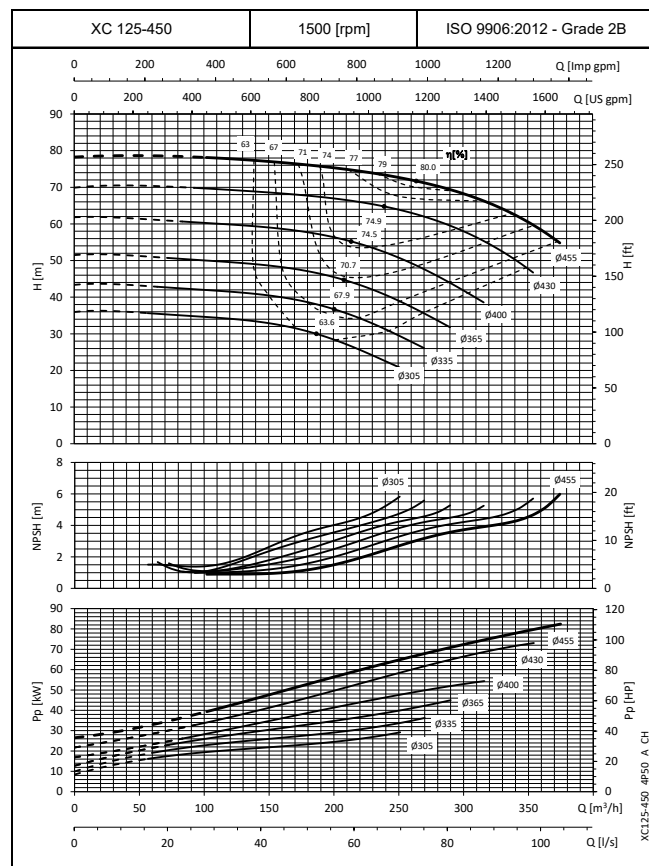
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

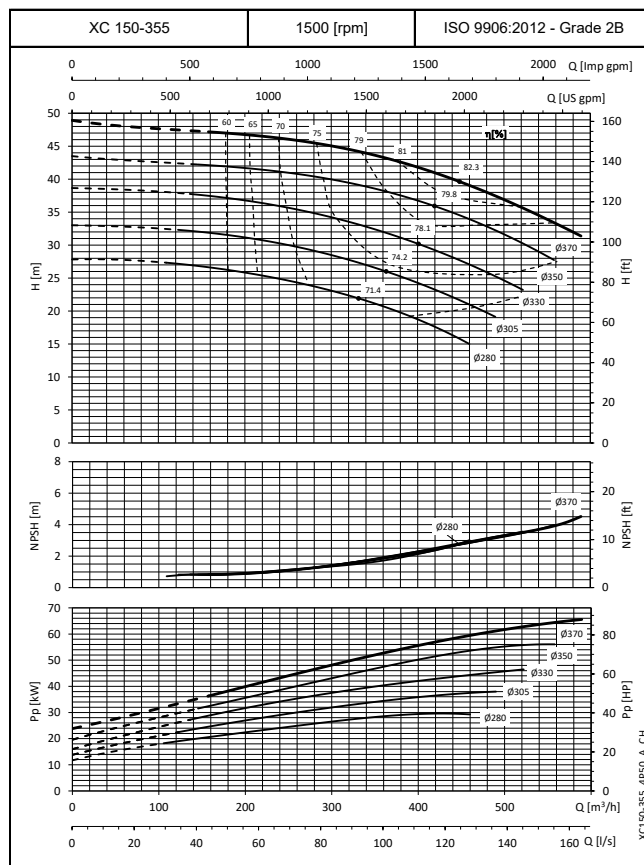
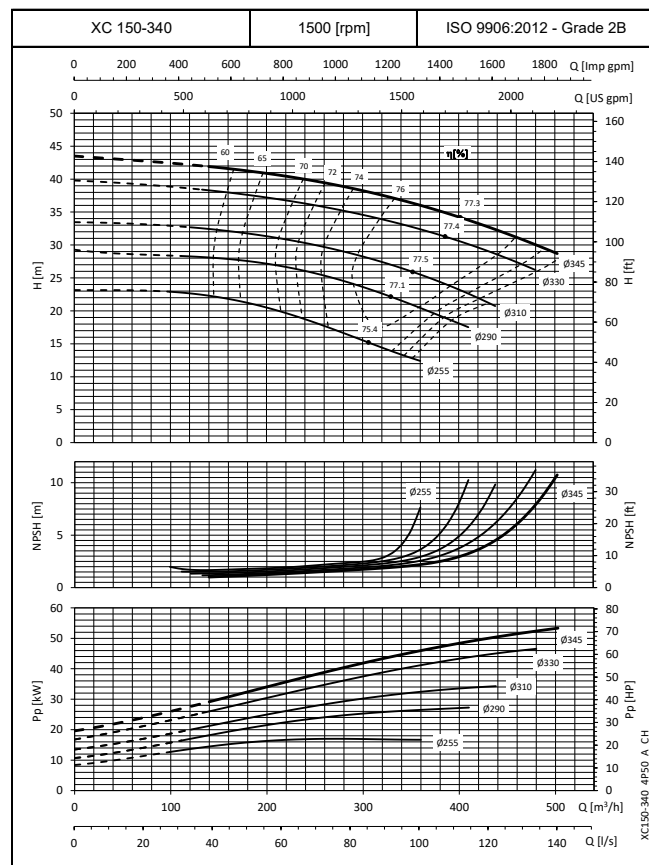
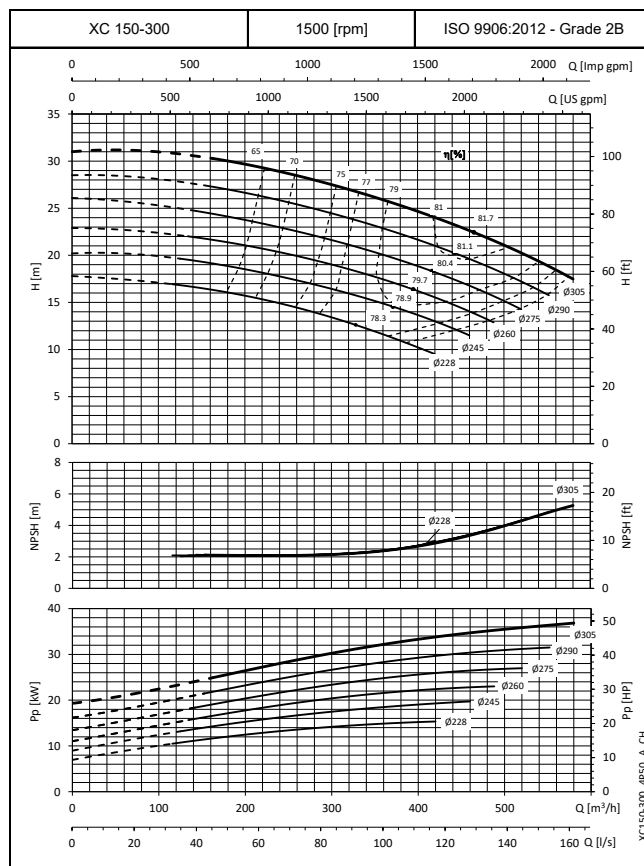
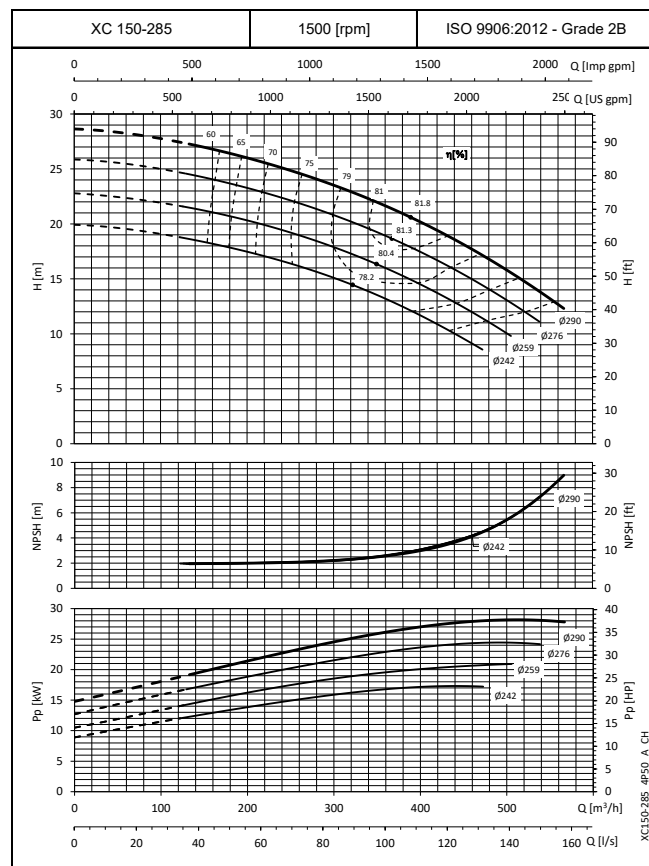
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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e-XC SERIES

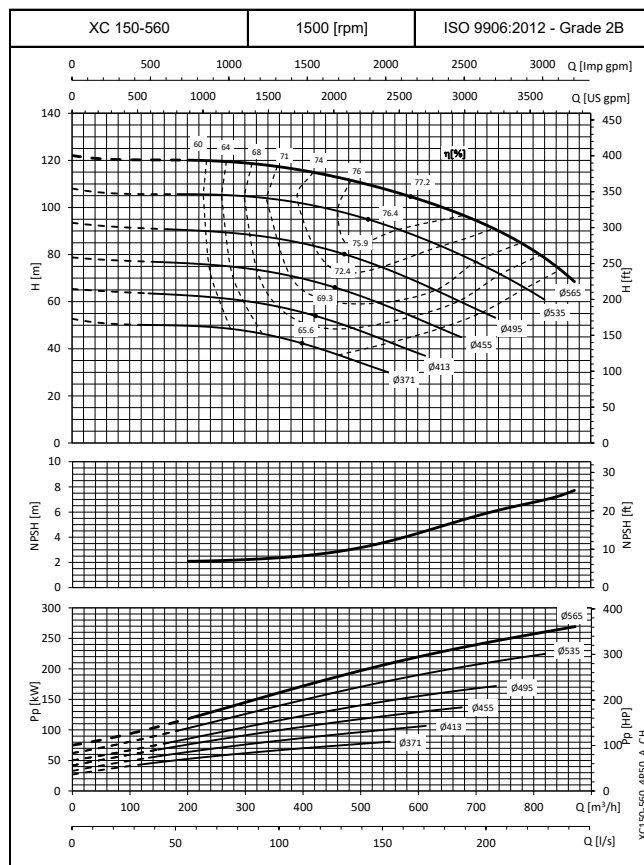
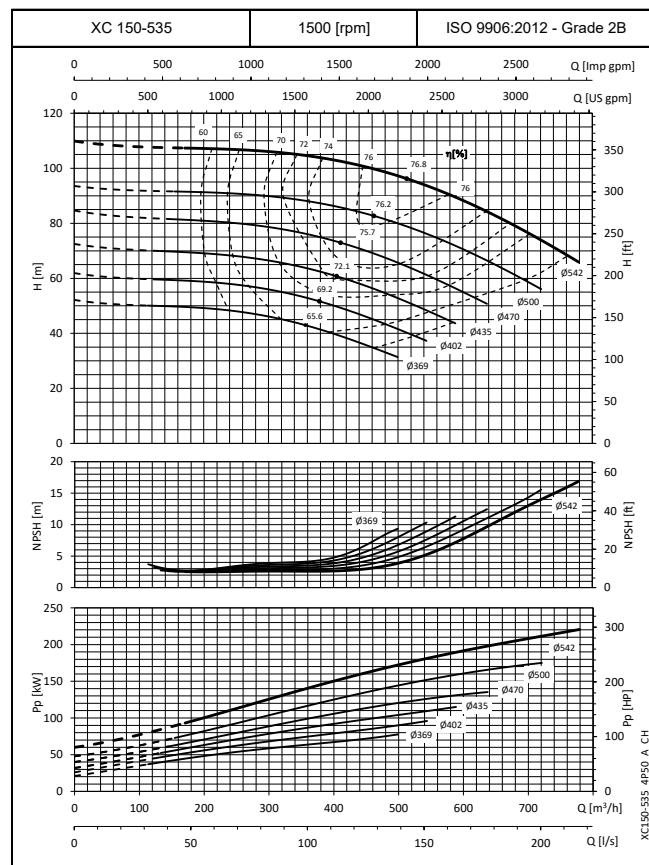
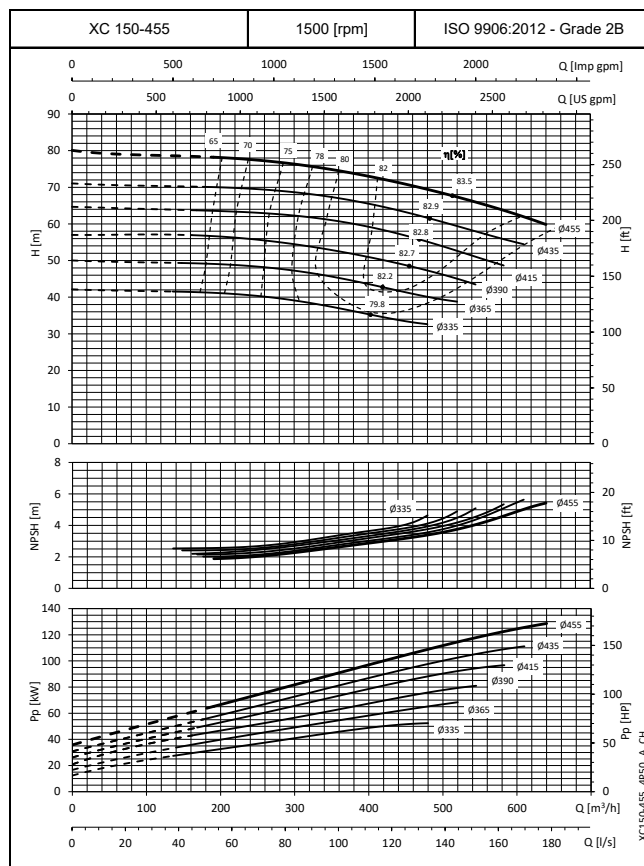
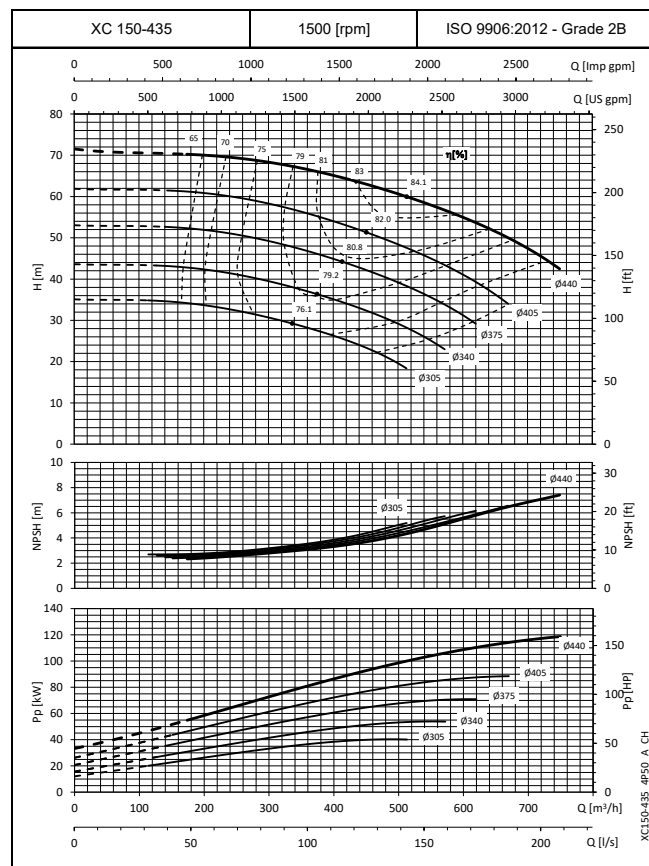
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

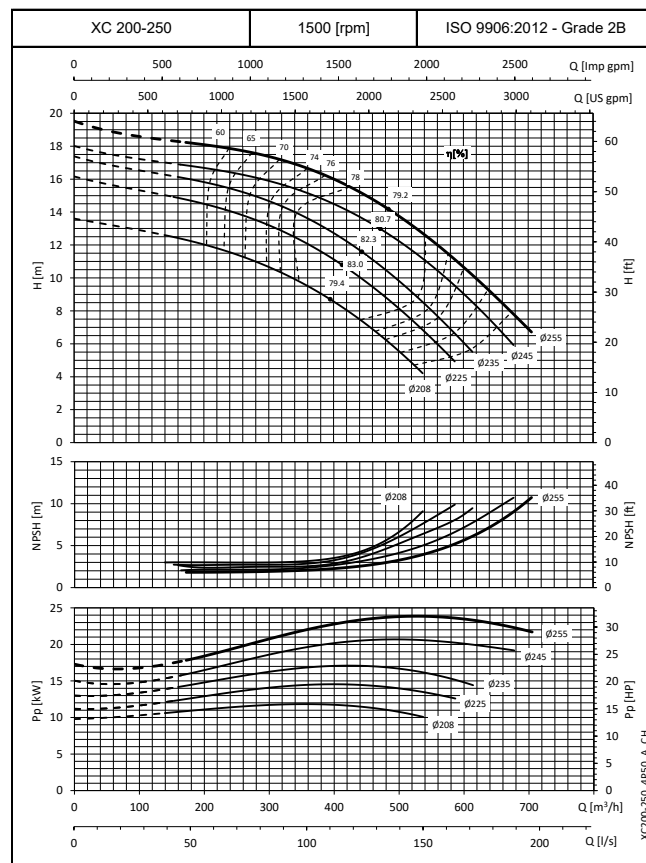
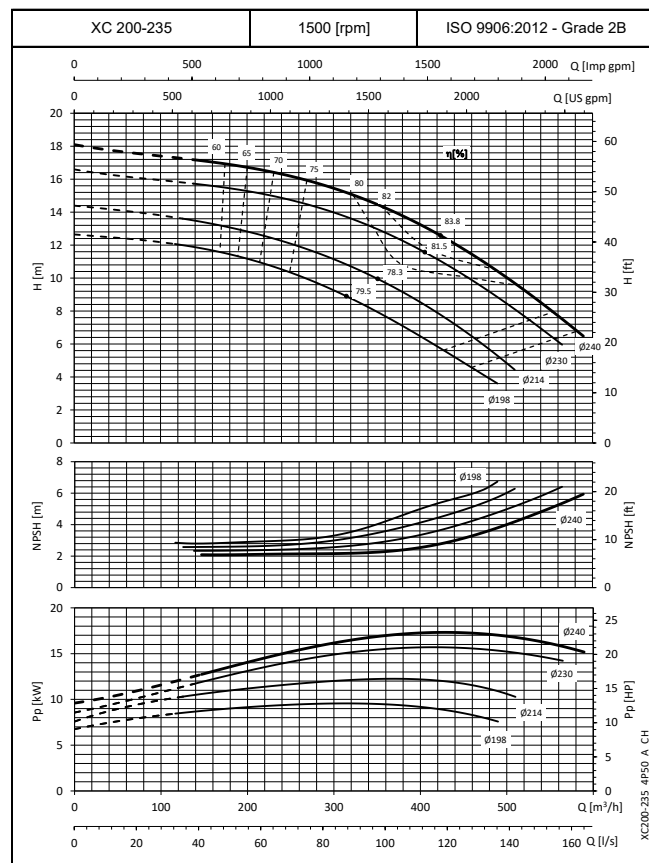
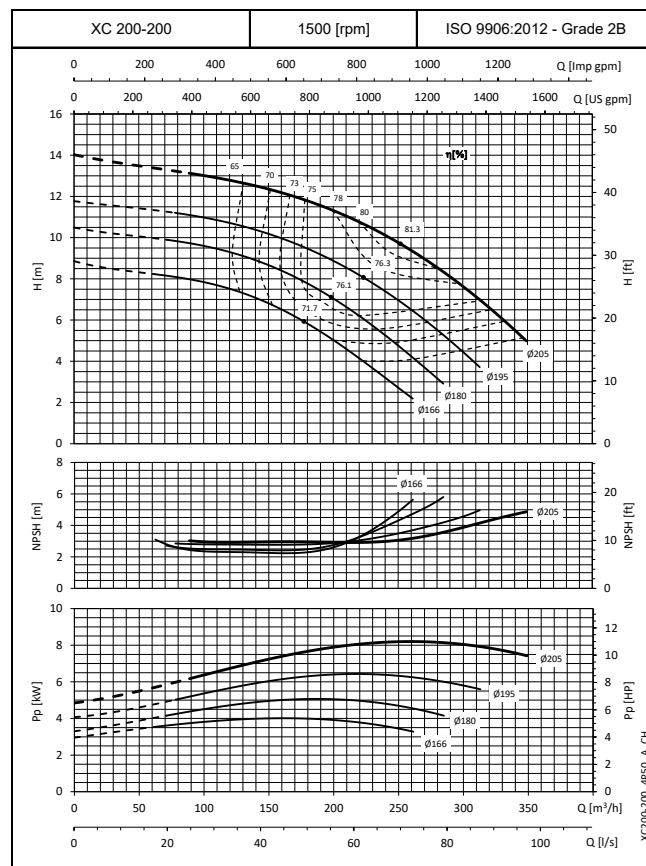
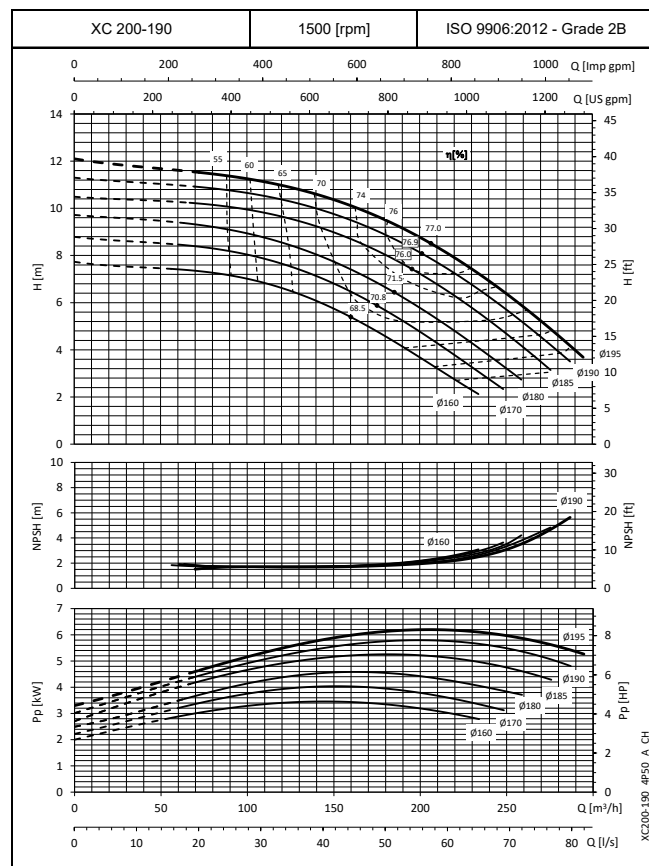
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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e-XC SERIES

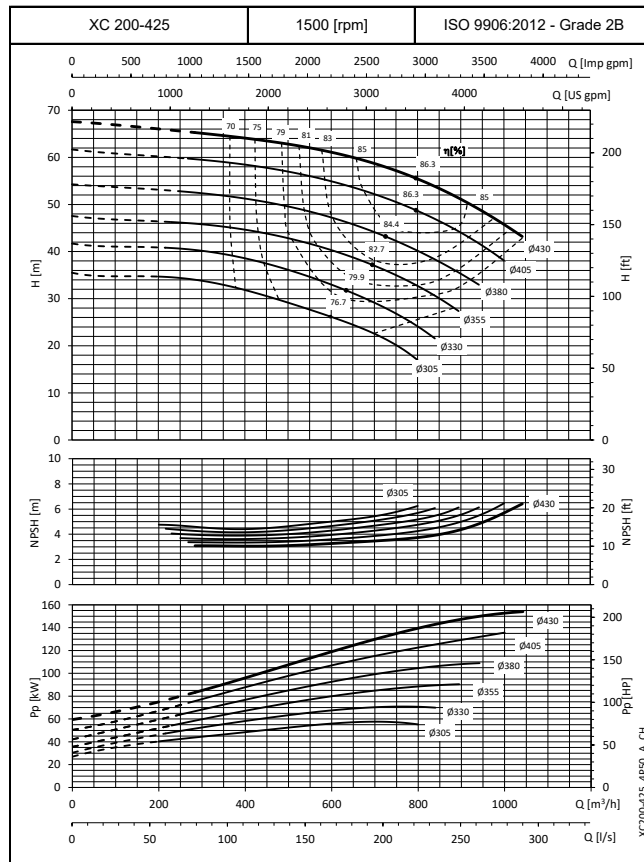
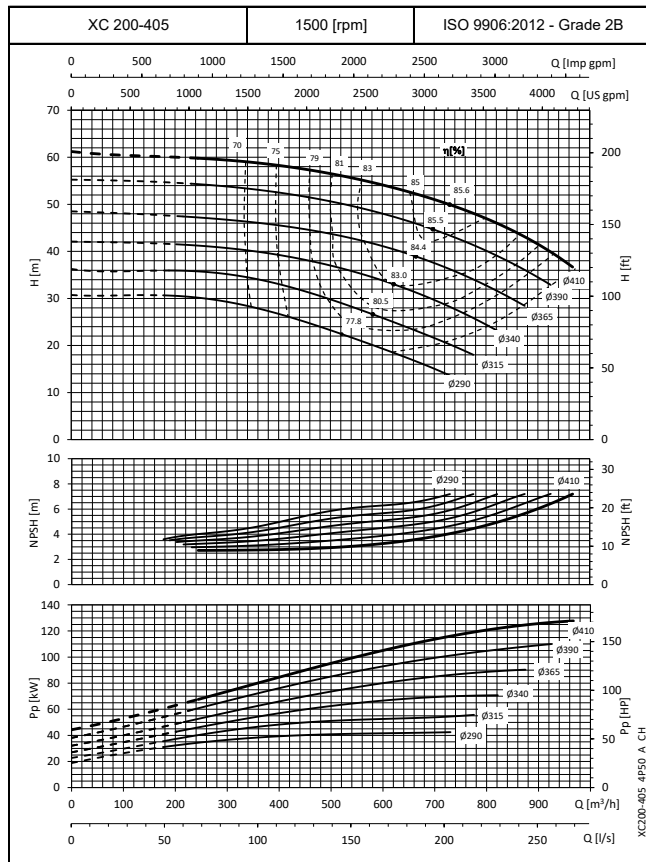
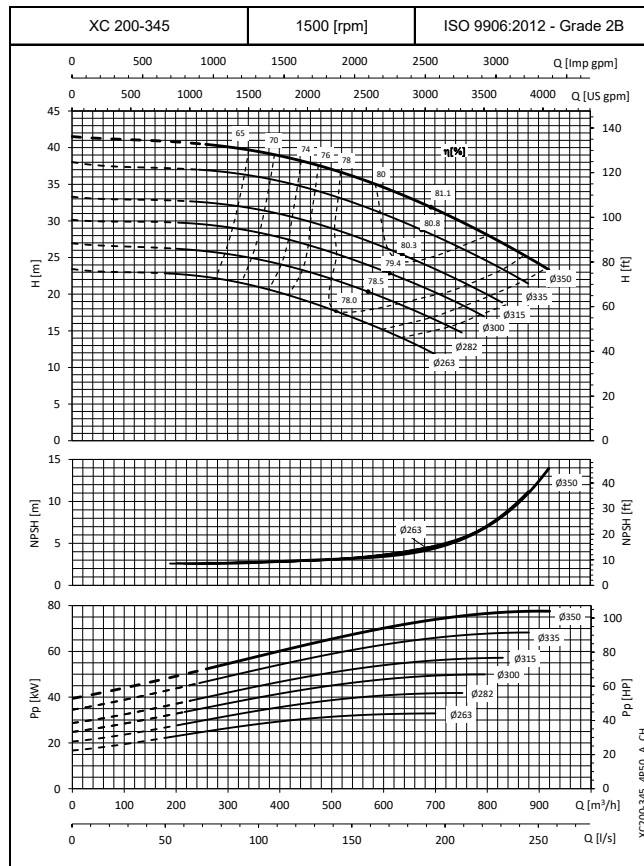
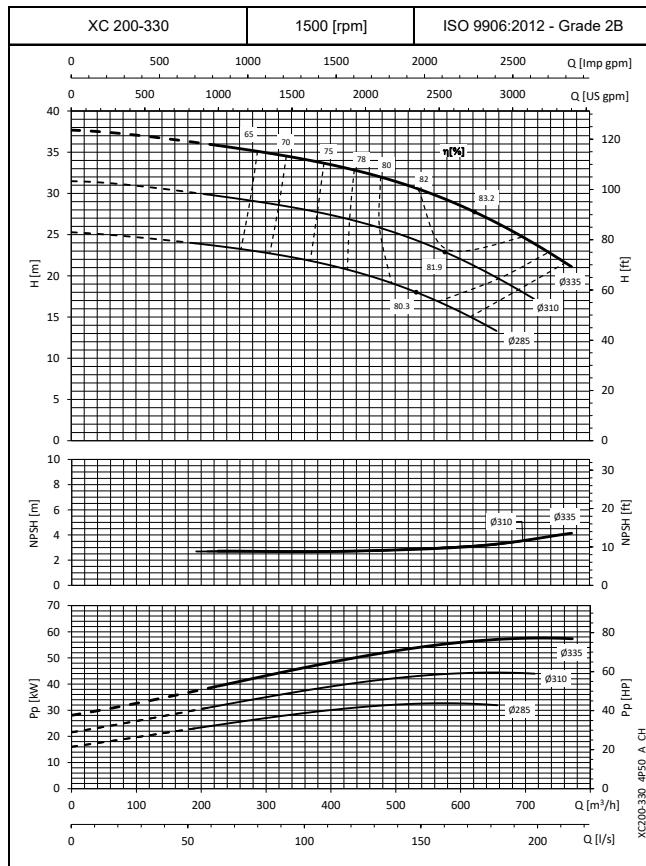
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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e-XC SERIES

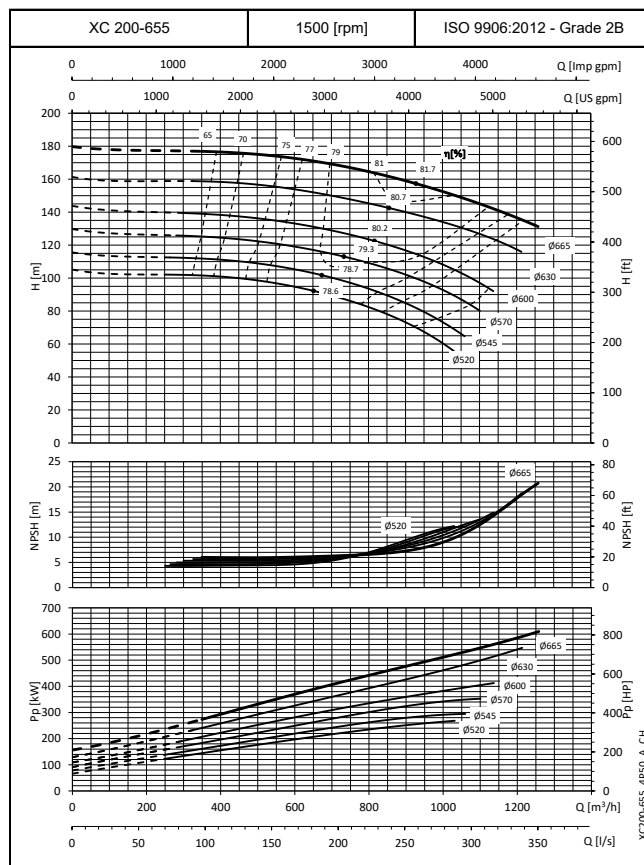
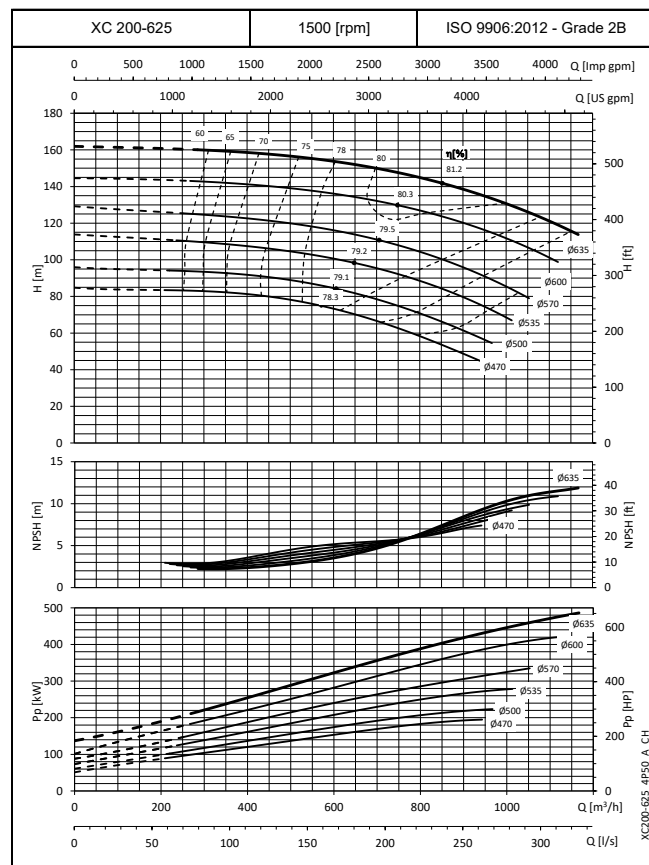
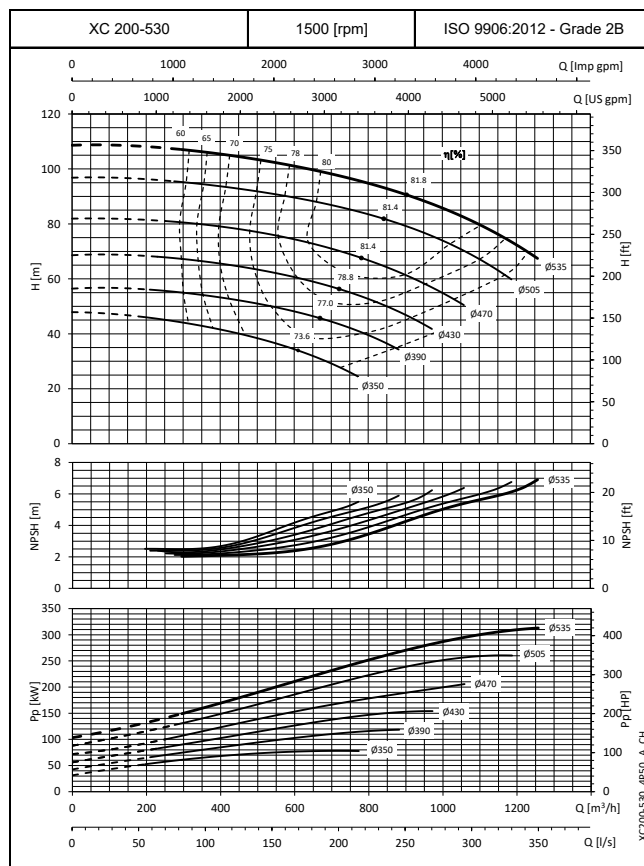
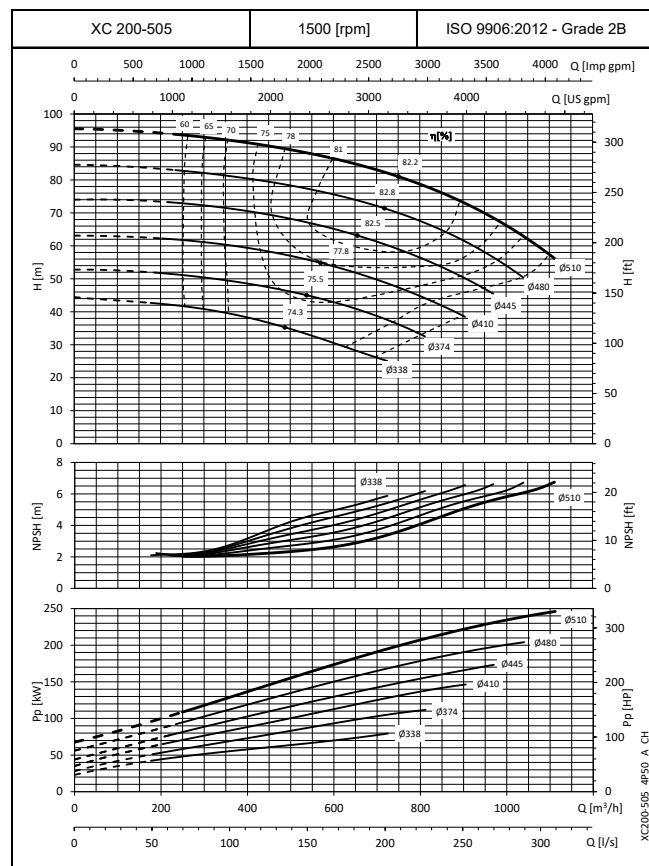
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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e-XC SERIES

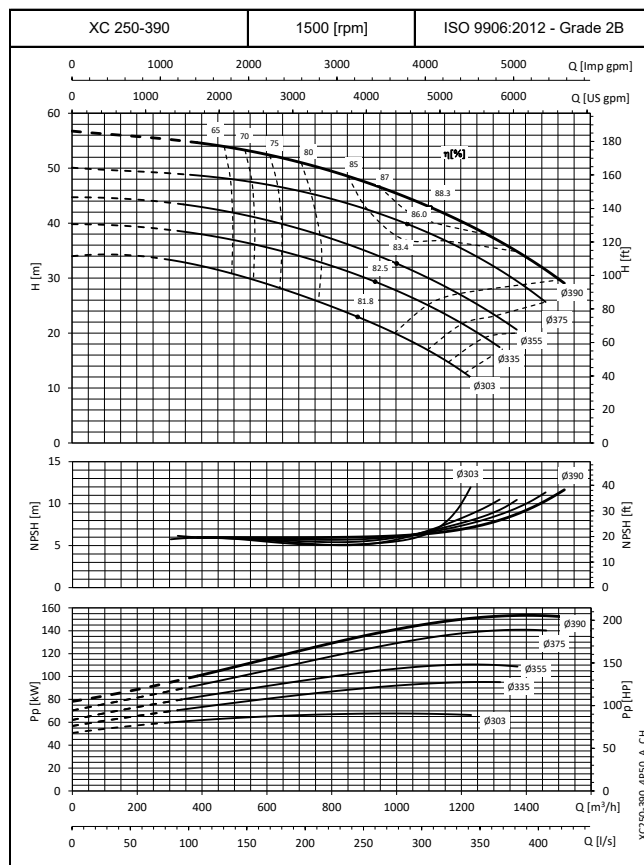
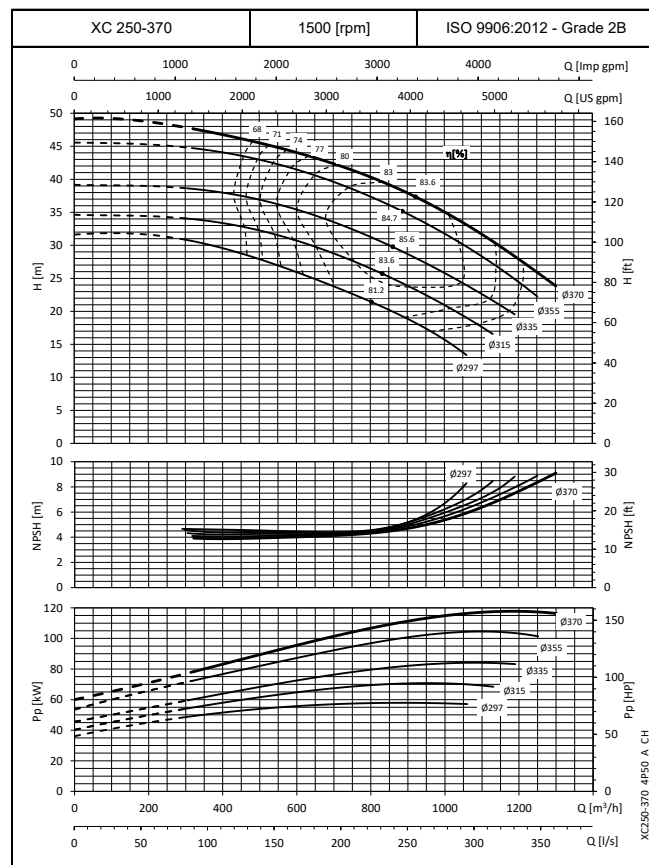
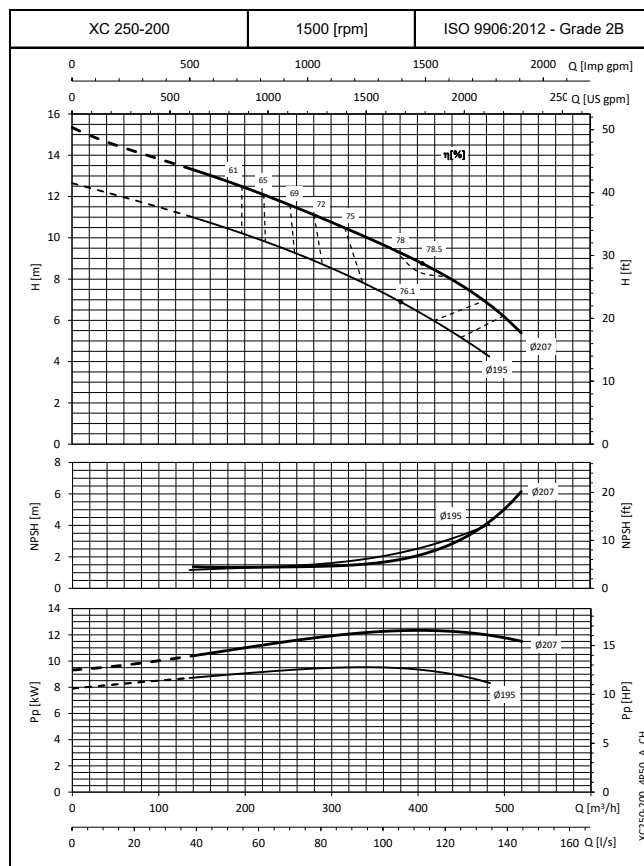
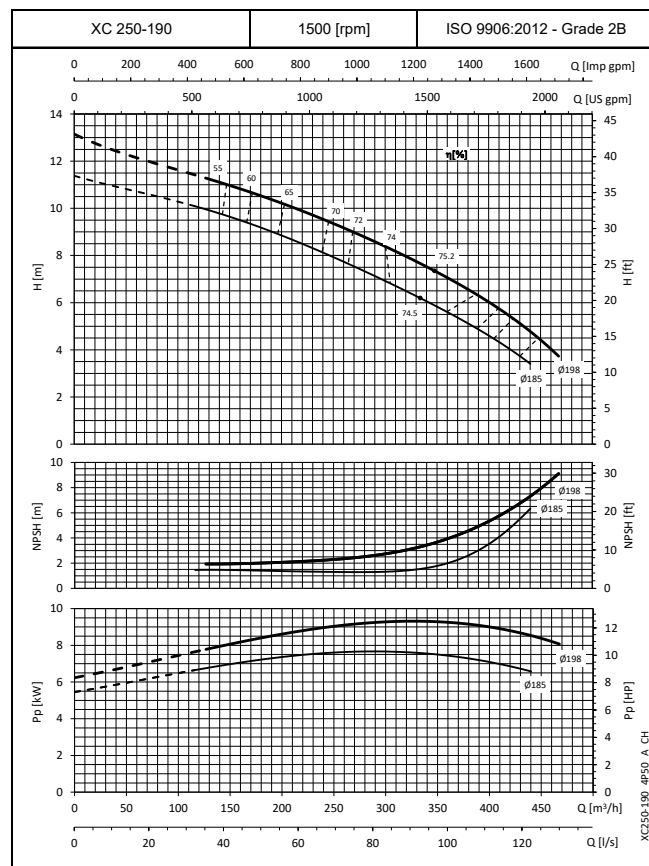
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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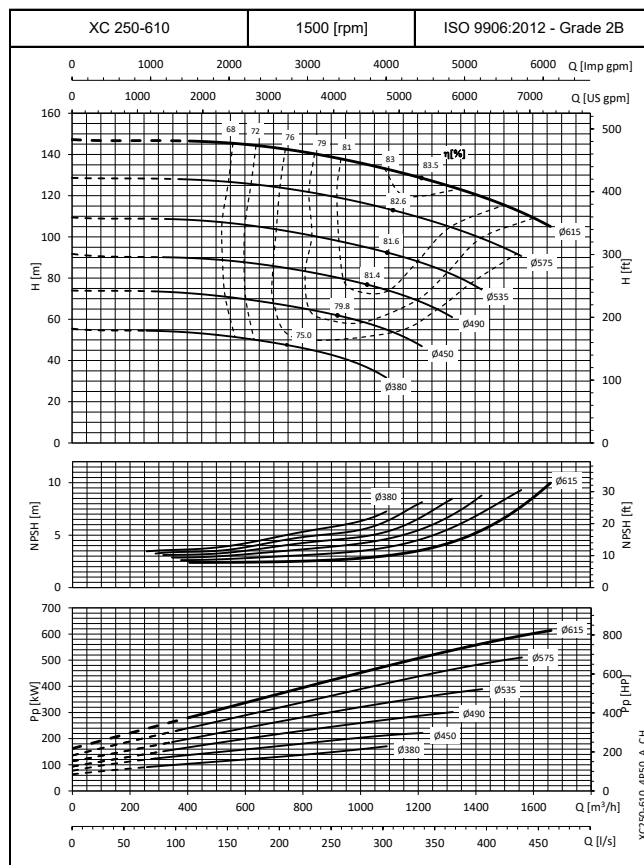
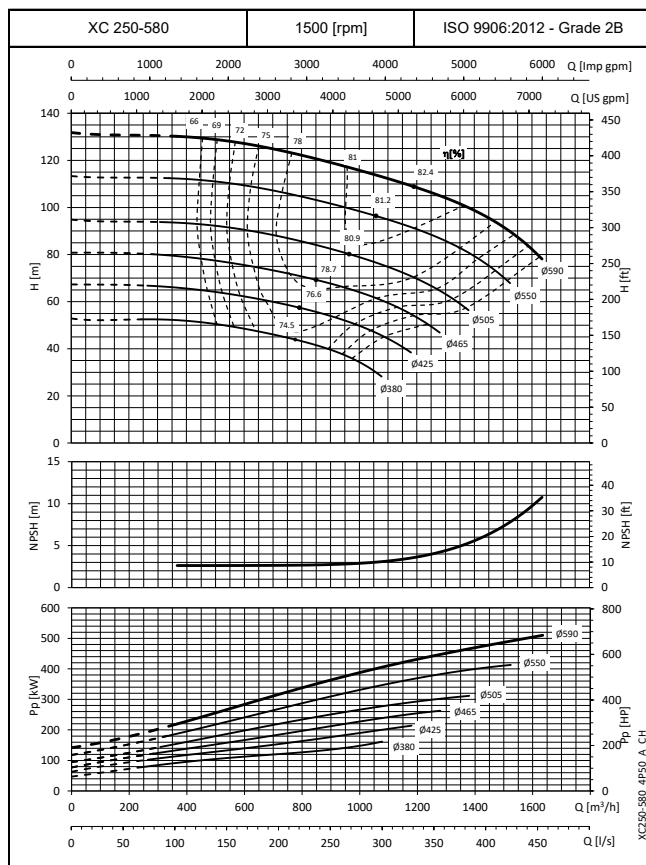
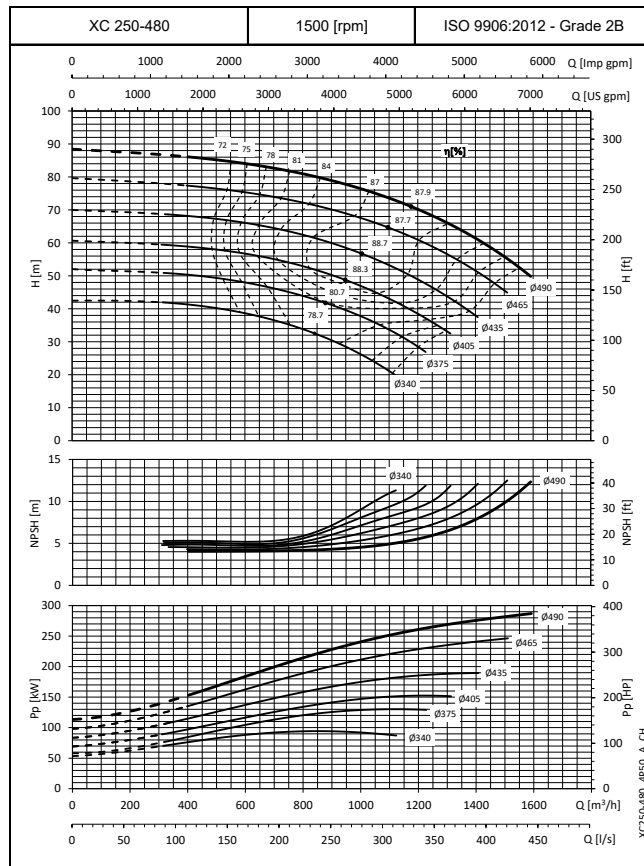
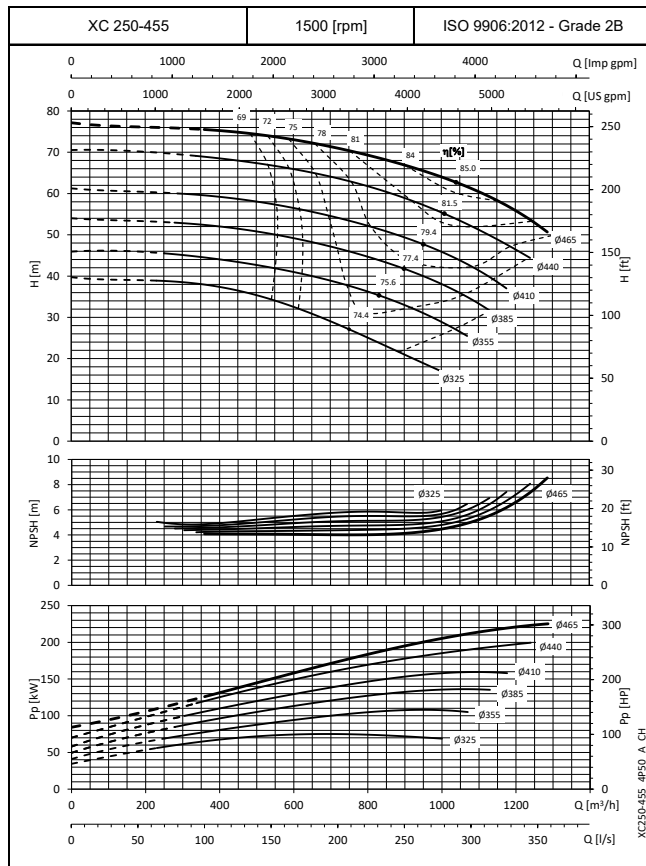
e-XC SERIES

OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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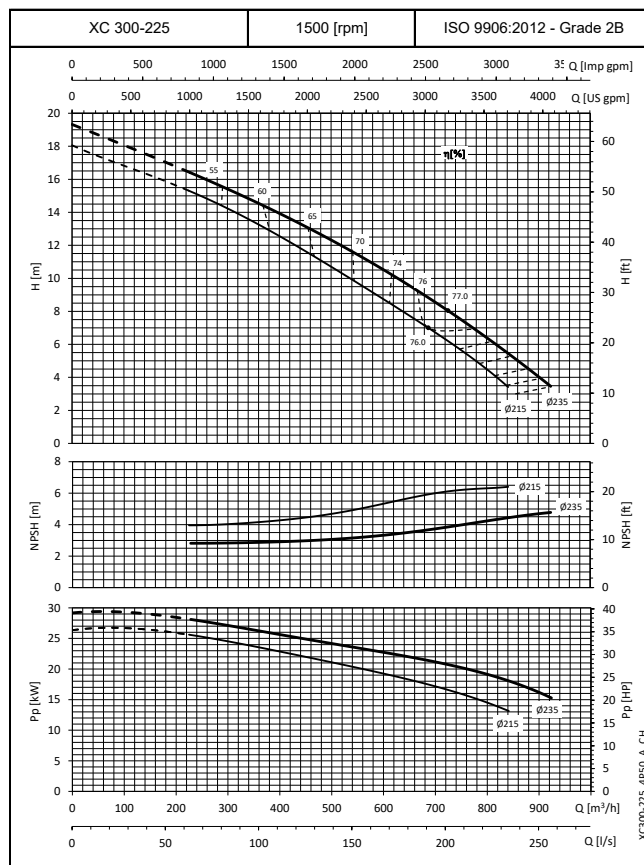
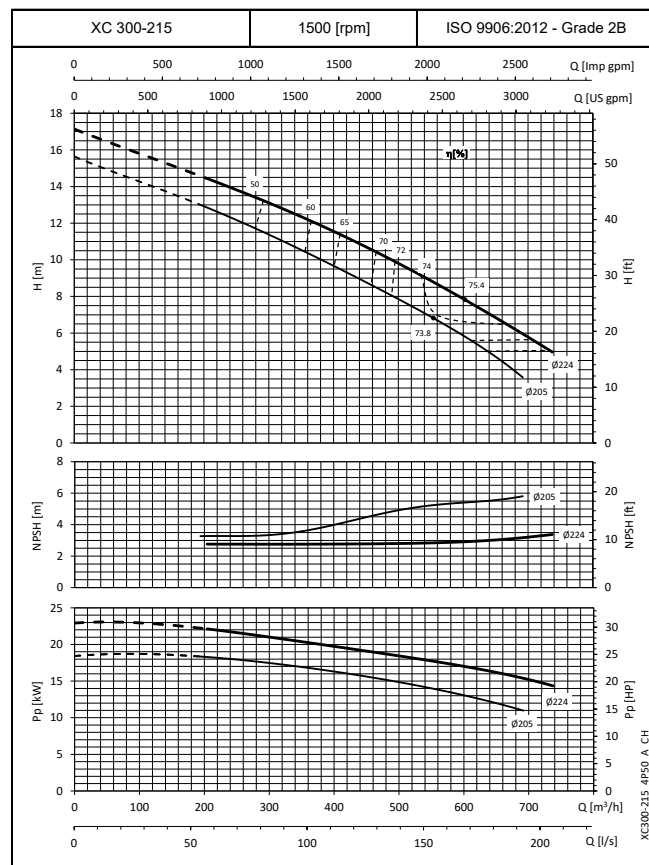
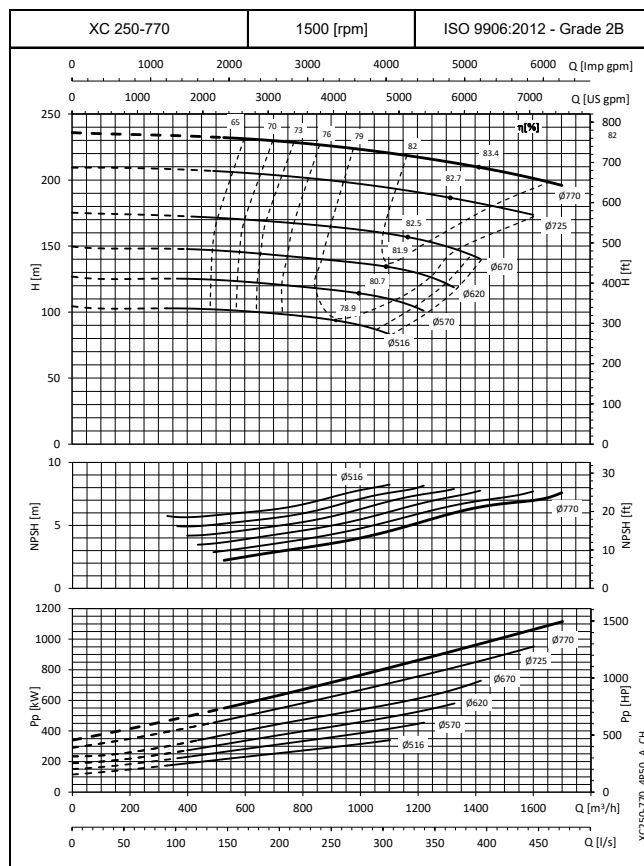
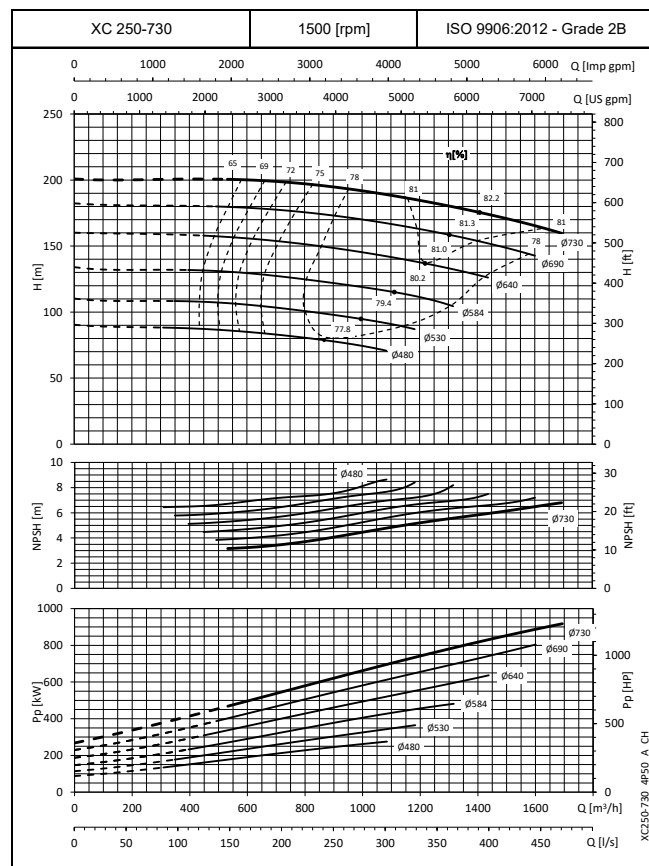
e-XC SERIES OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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e-XC SERIES

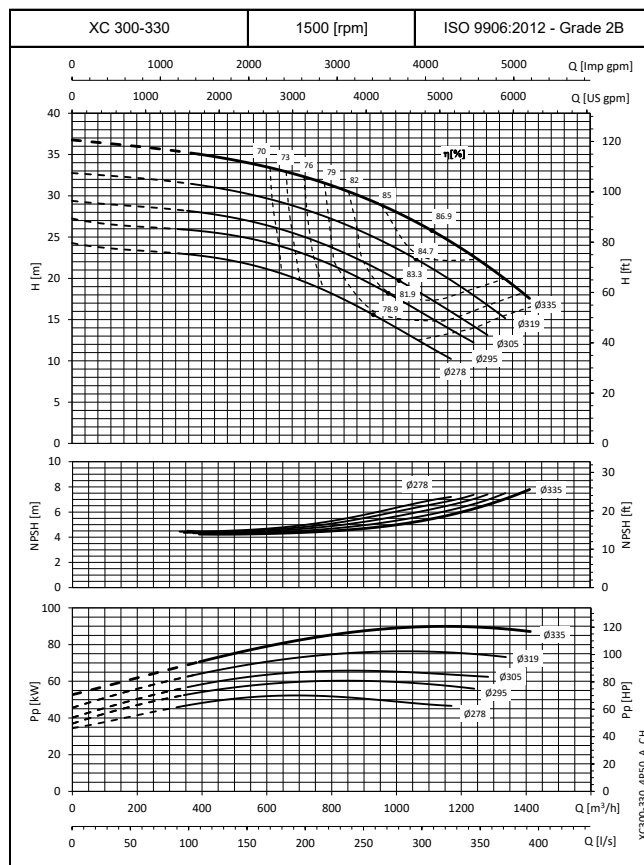
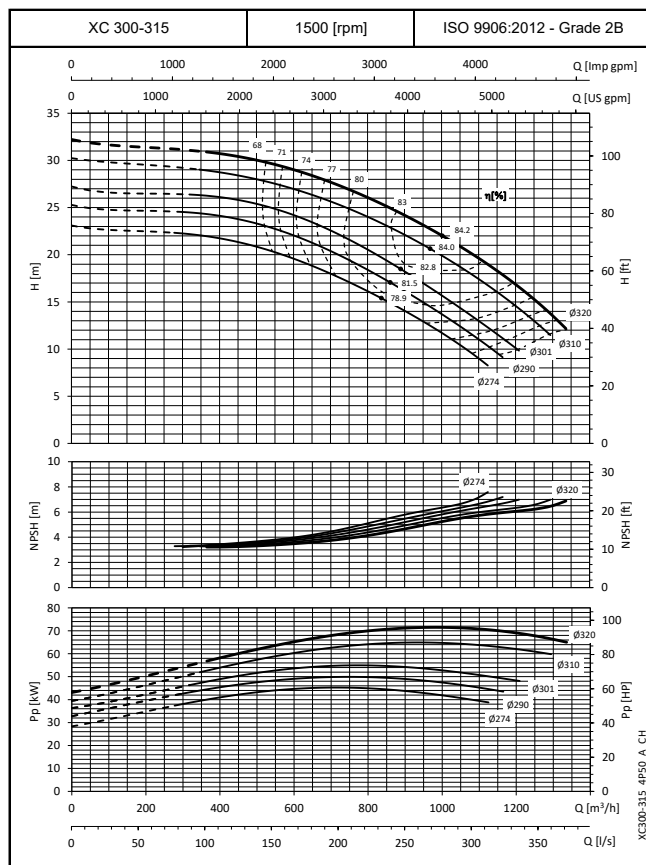
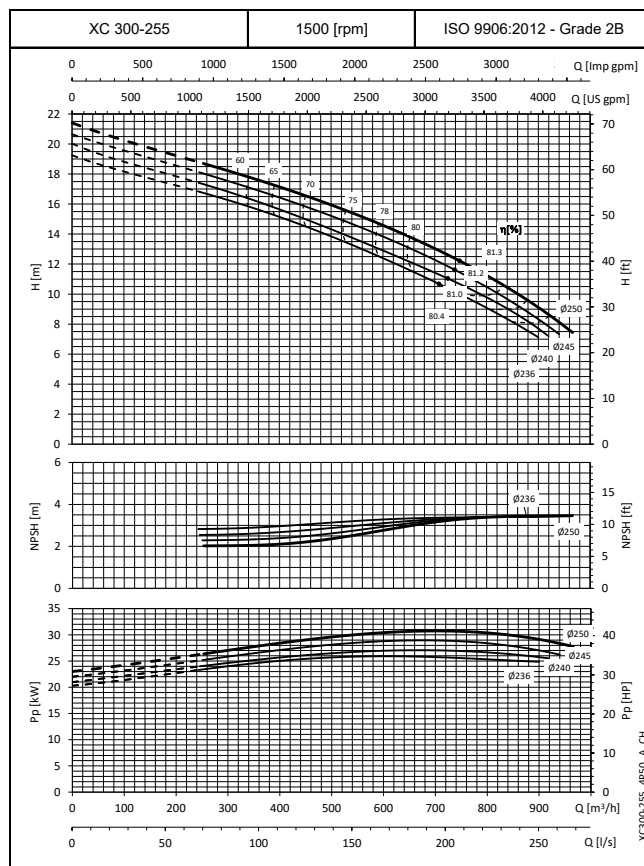
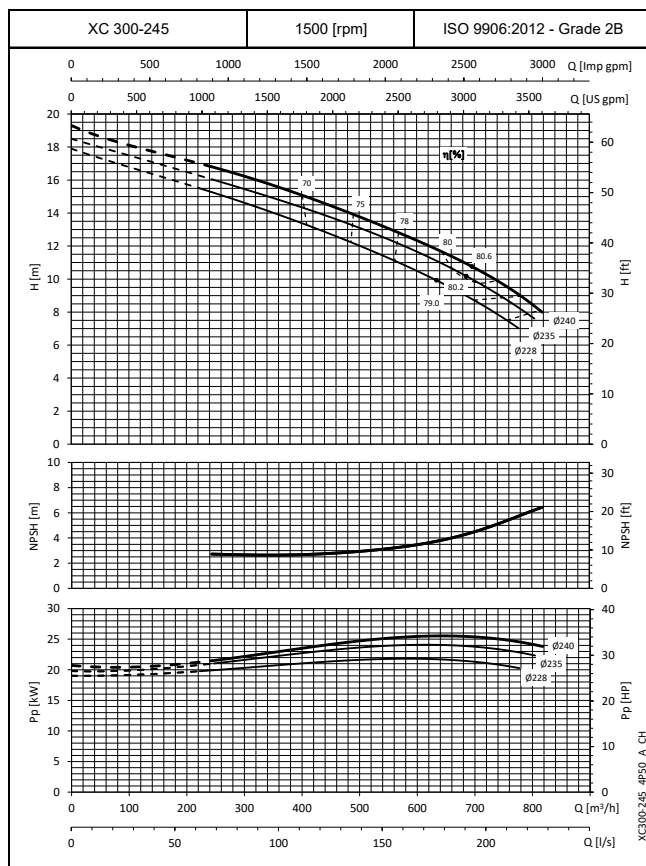
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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e-XC SERIES

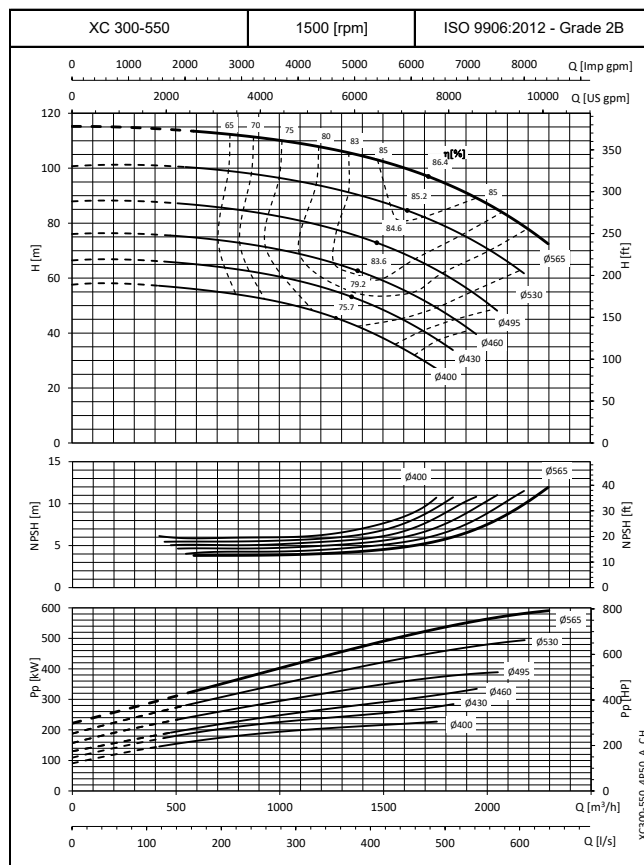
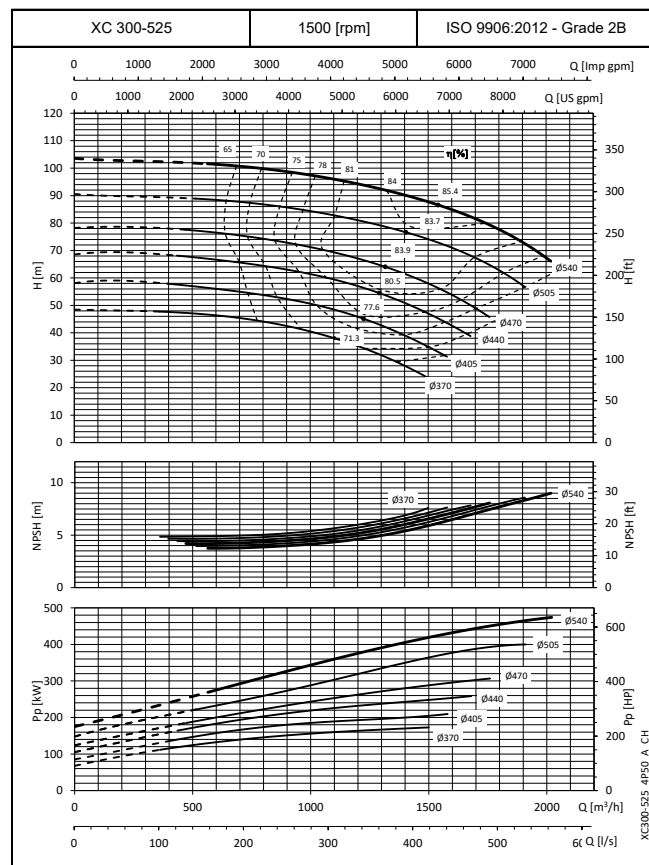
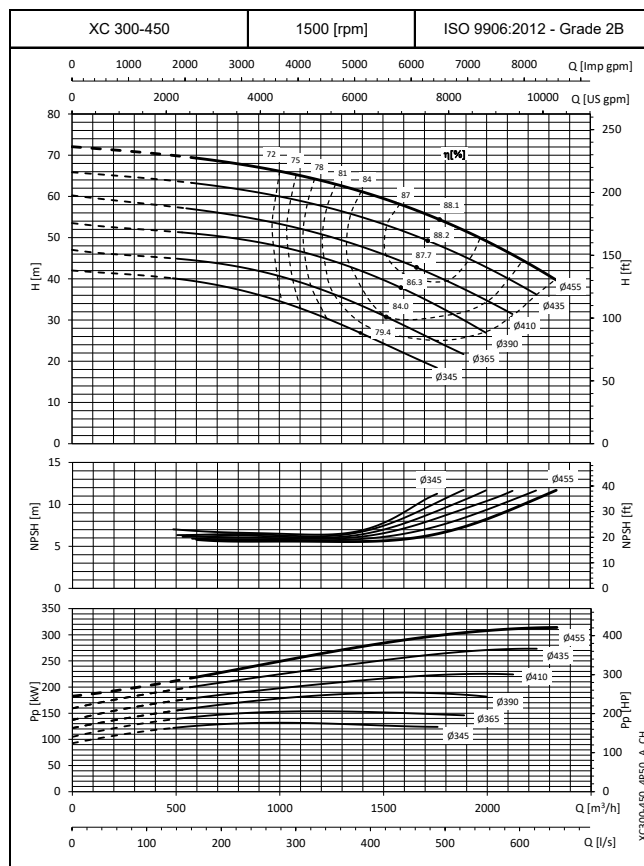
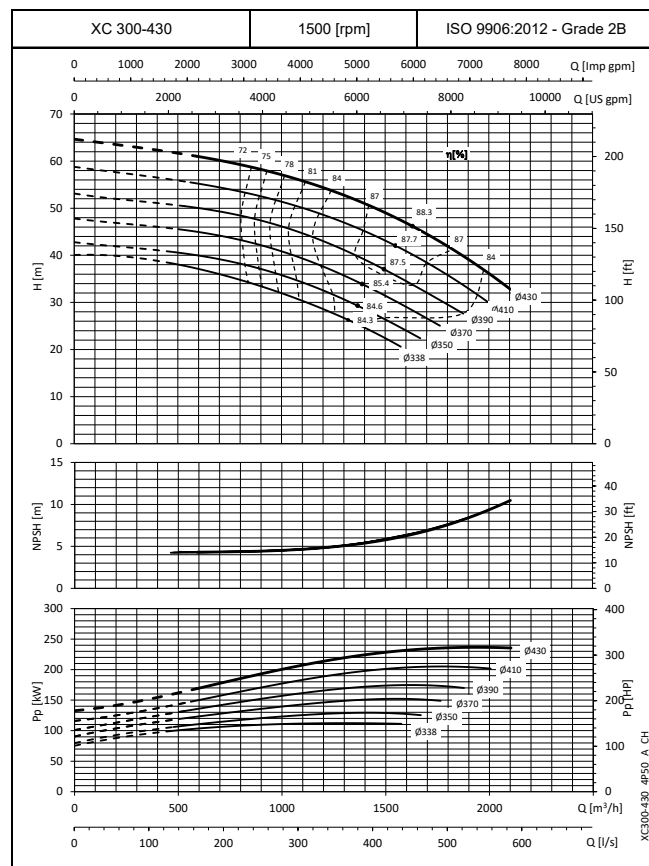
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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e-XC SERIES

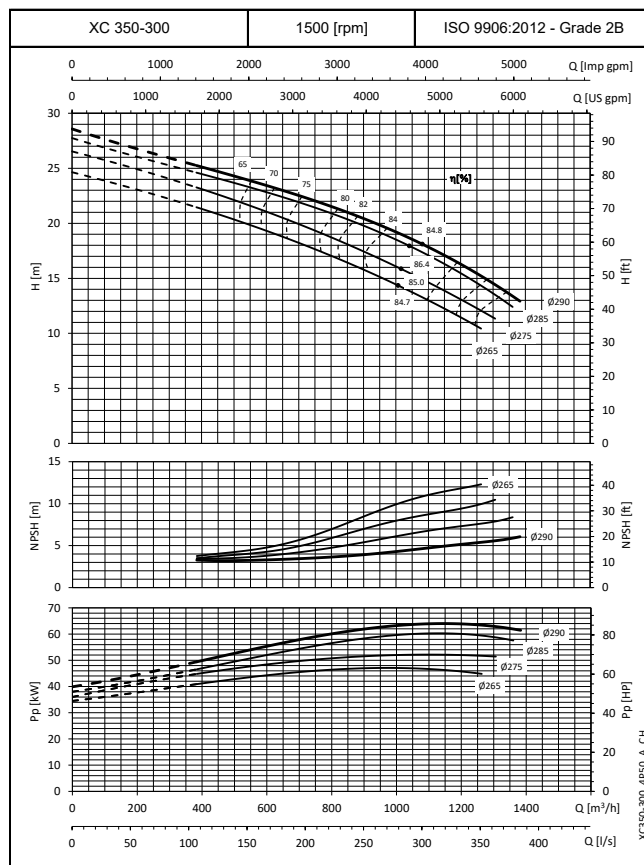
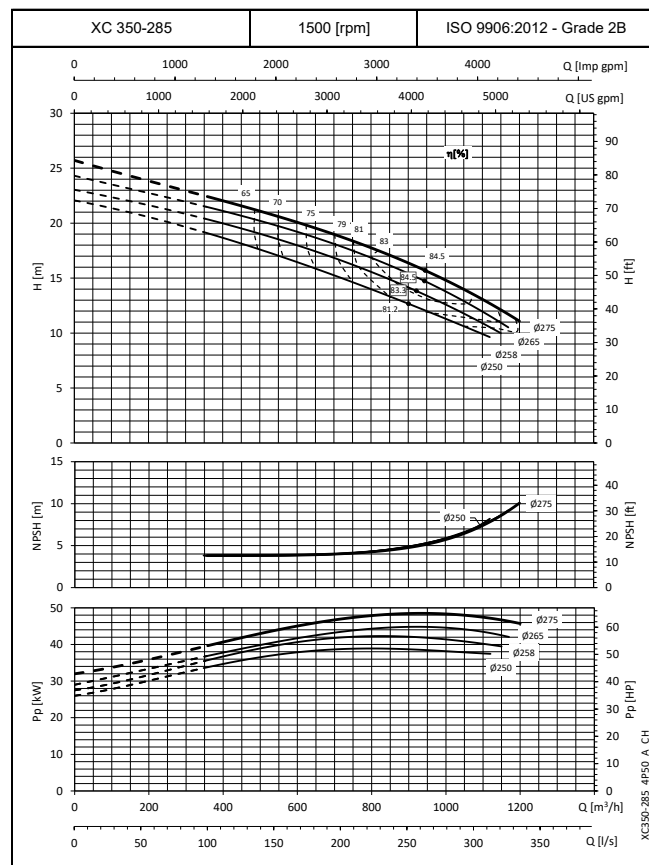
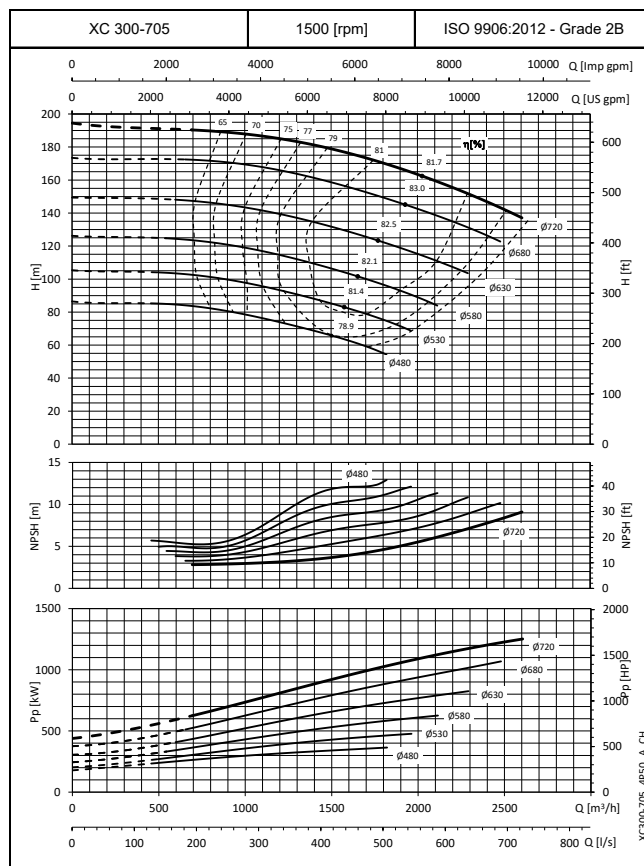
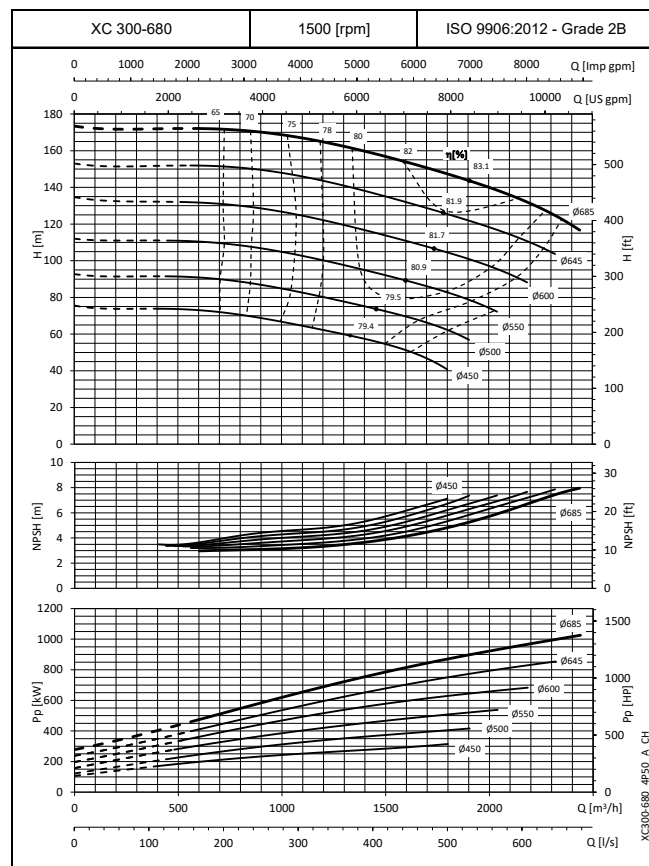
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e-XC SERIES

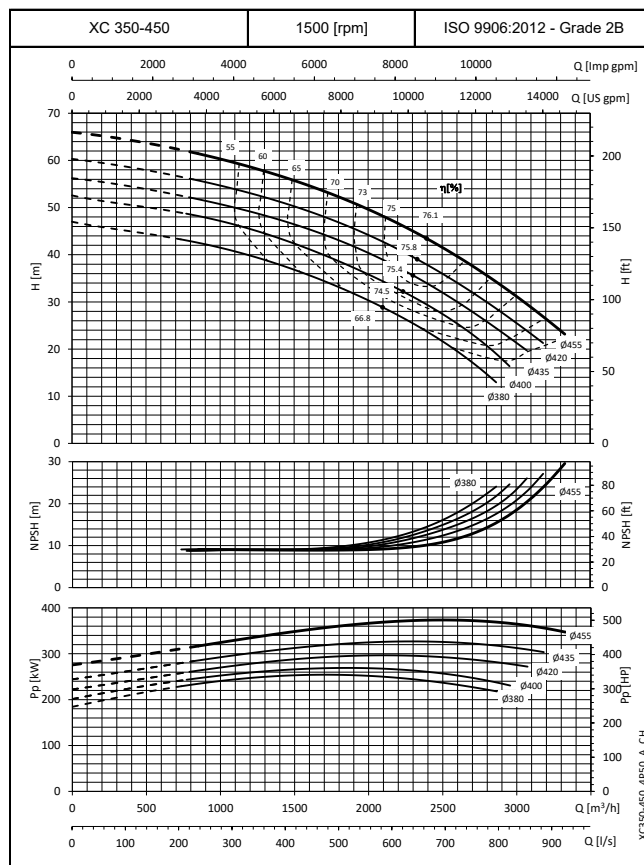
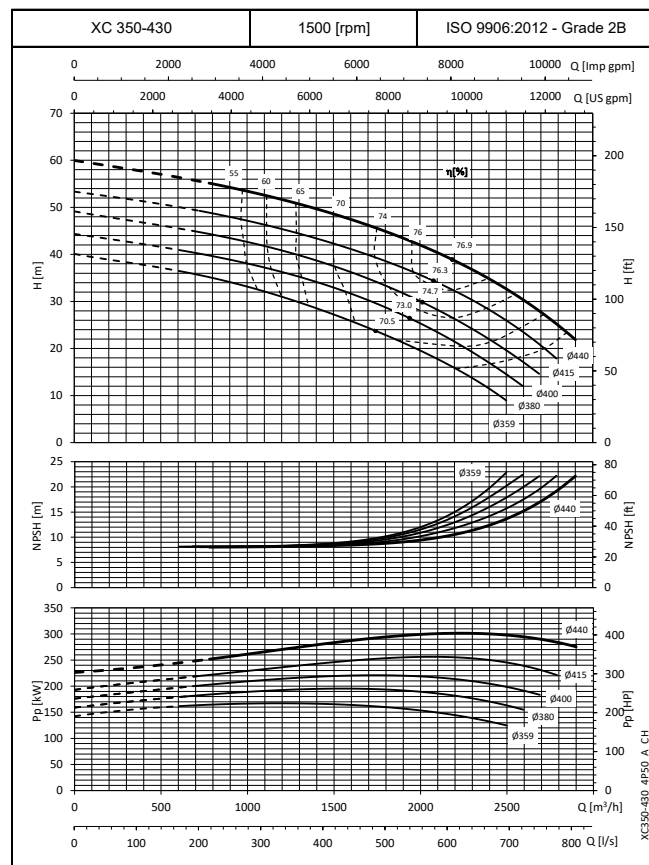
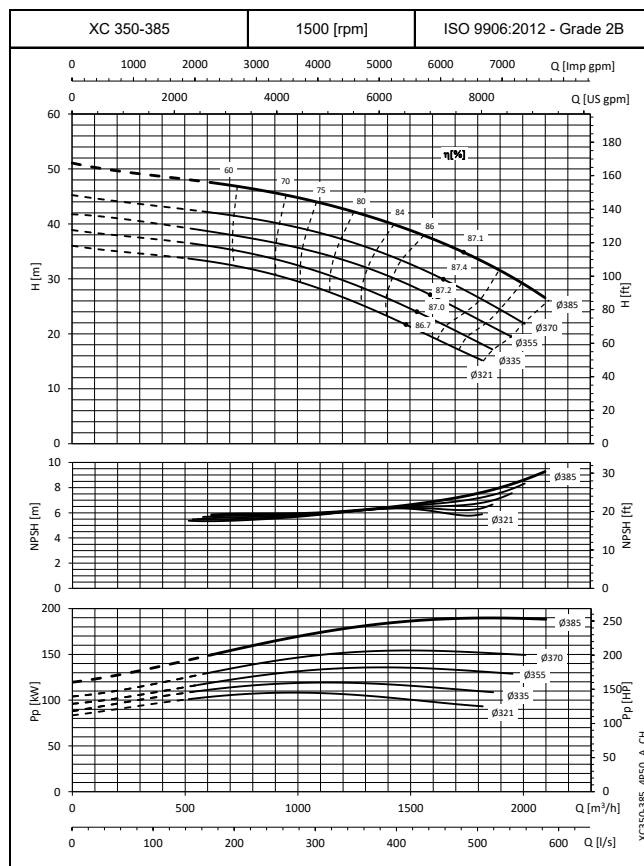
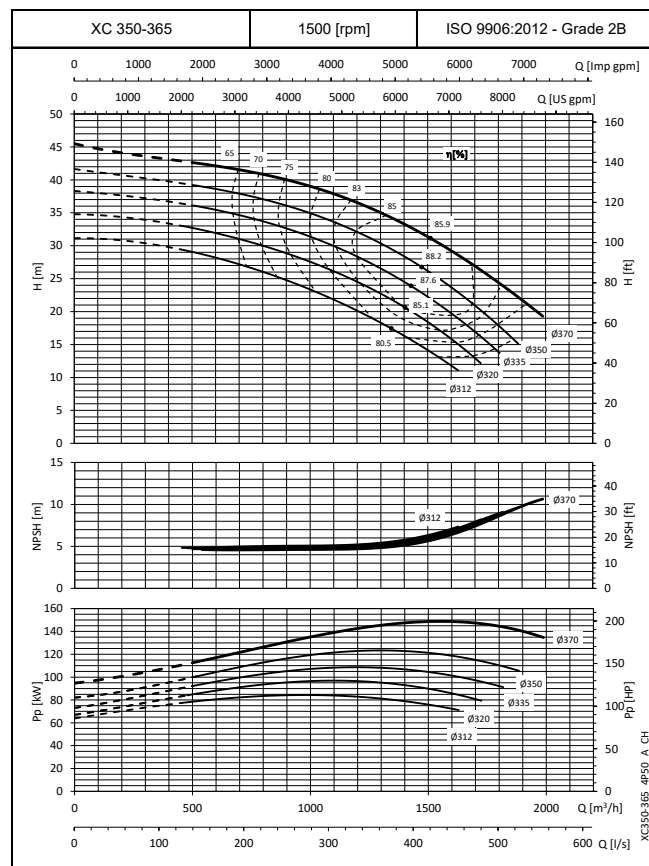
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e-XC SERIES

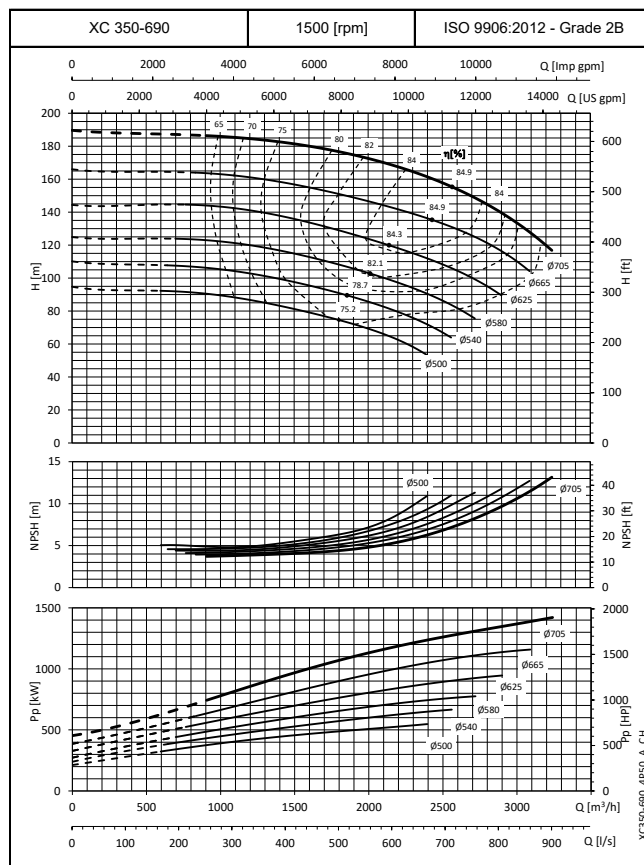
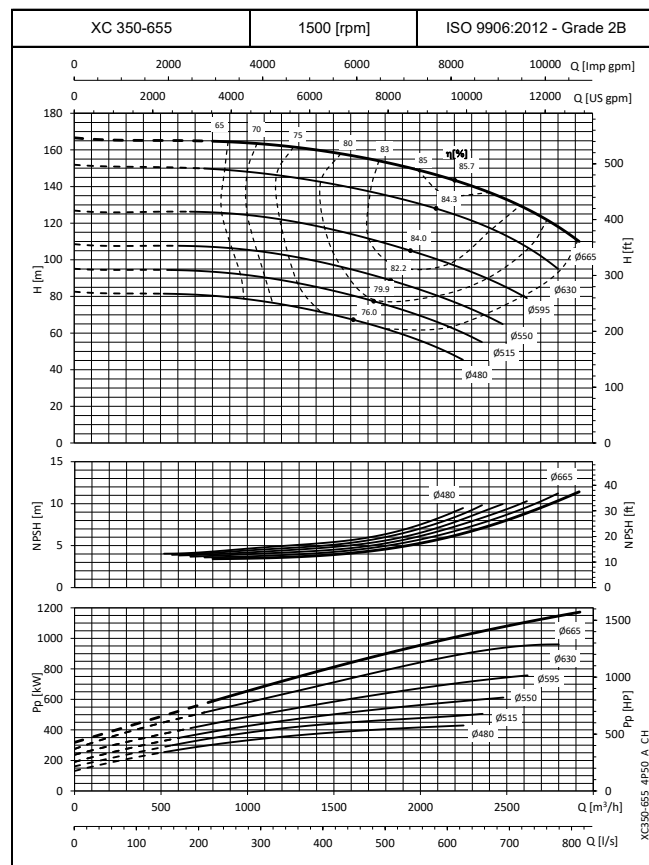
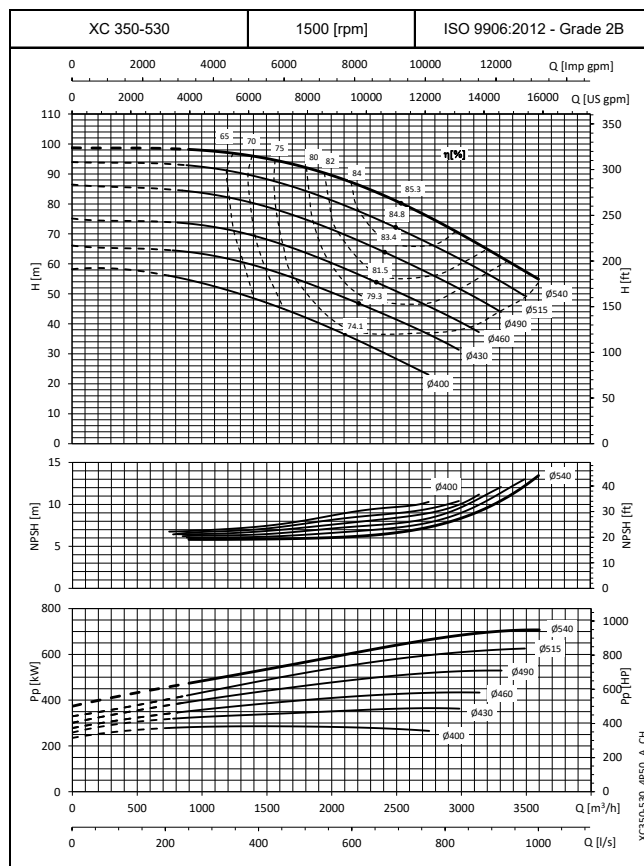
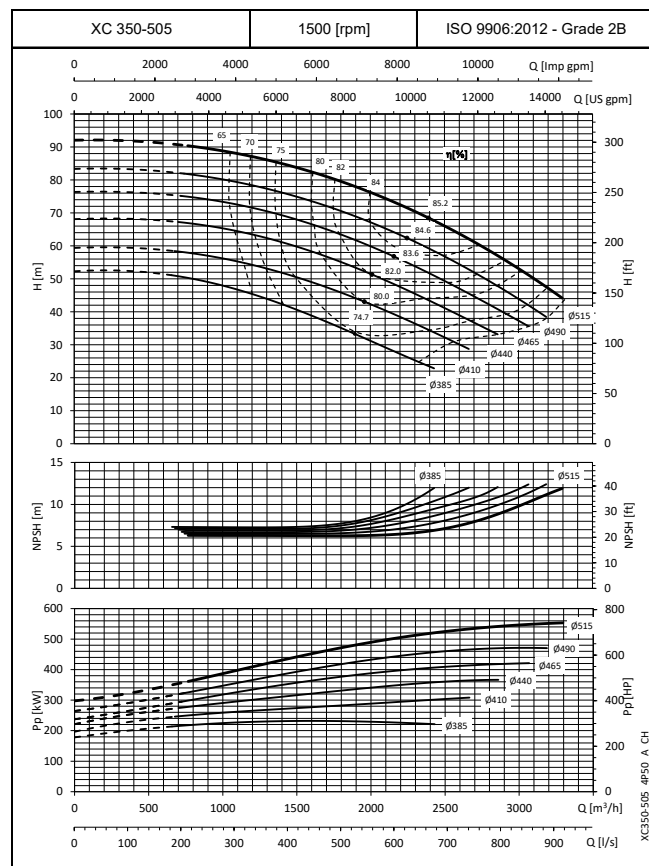
OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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e-XC SERIES

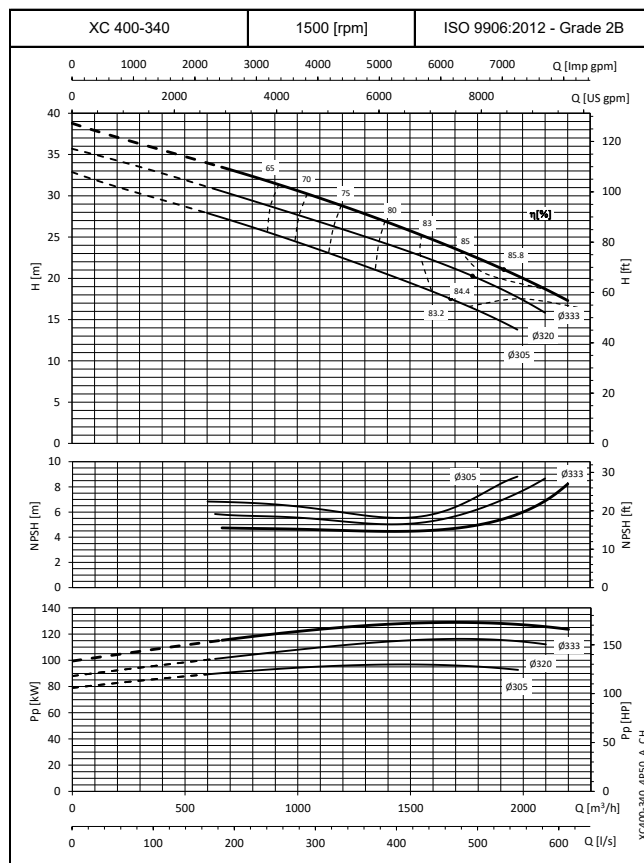
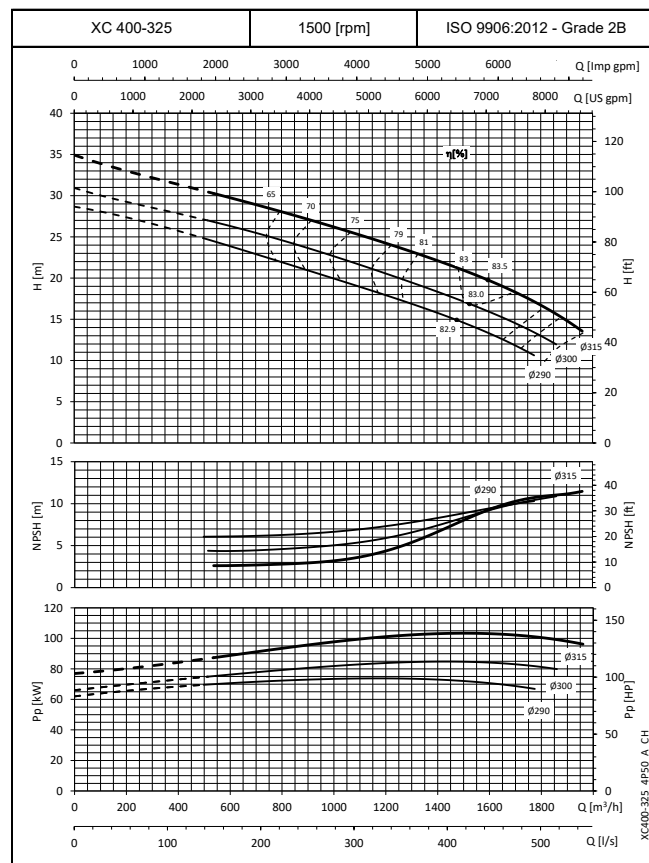
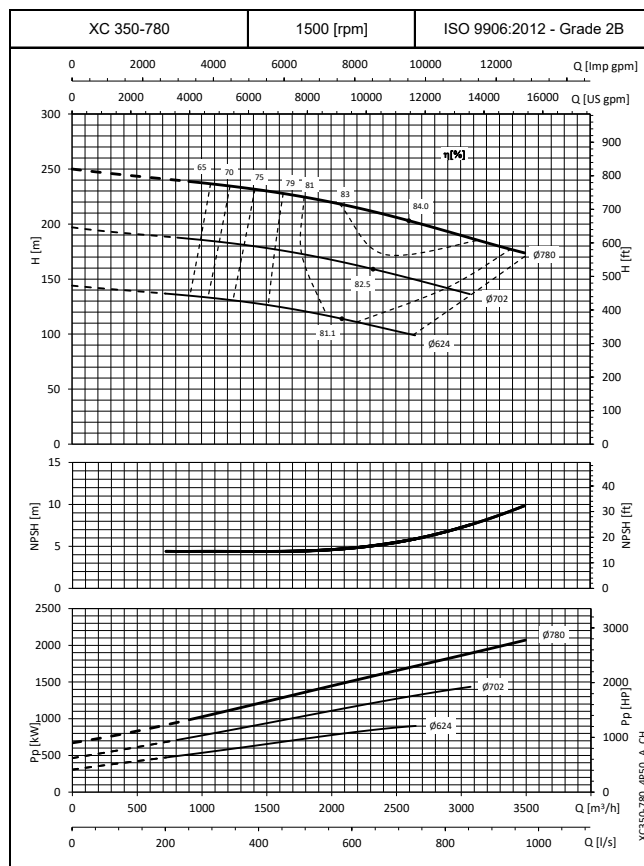
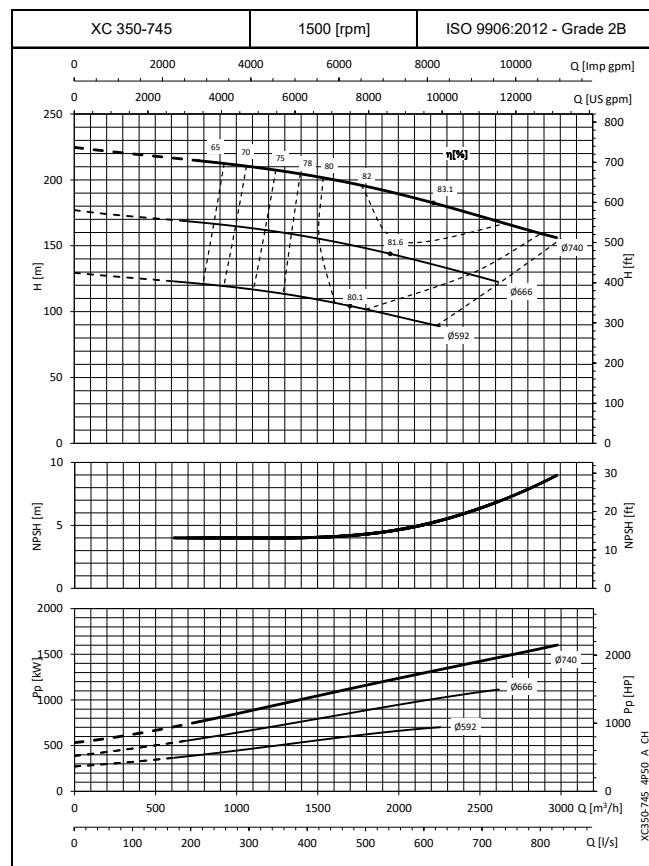
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e-XC SERIES

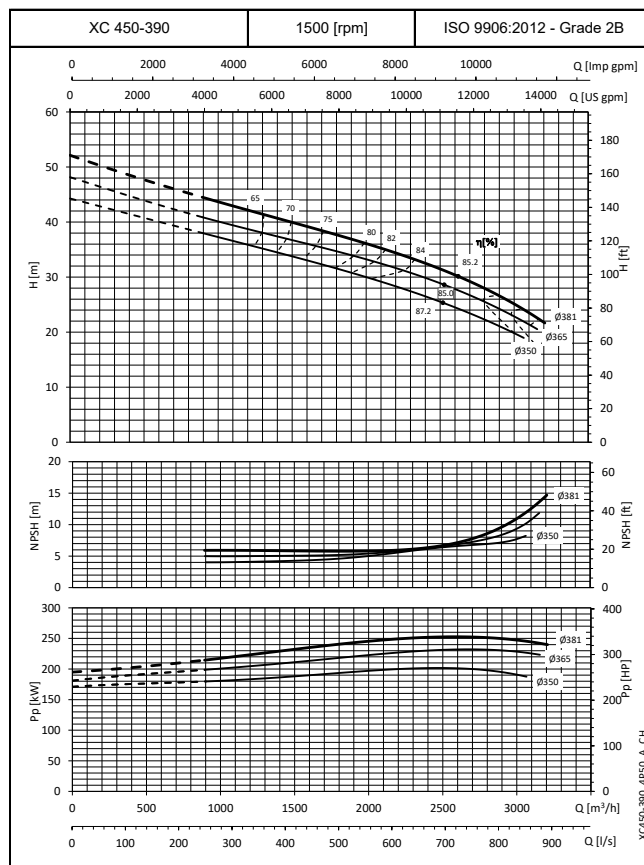
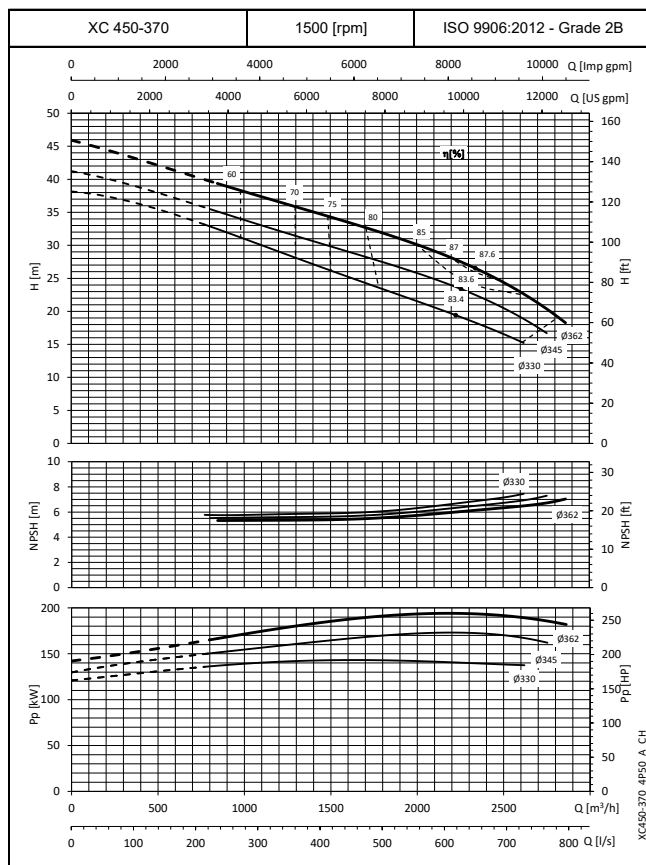
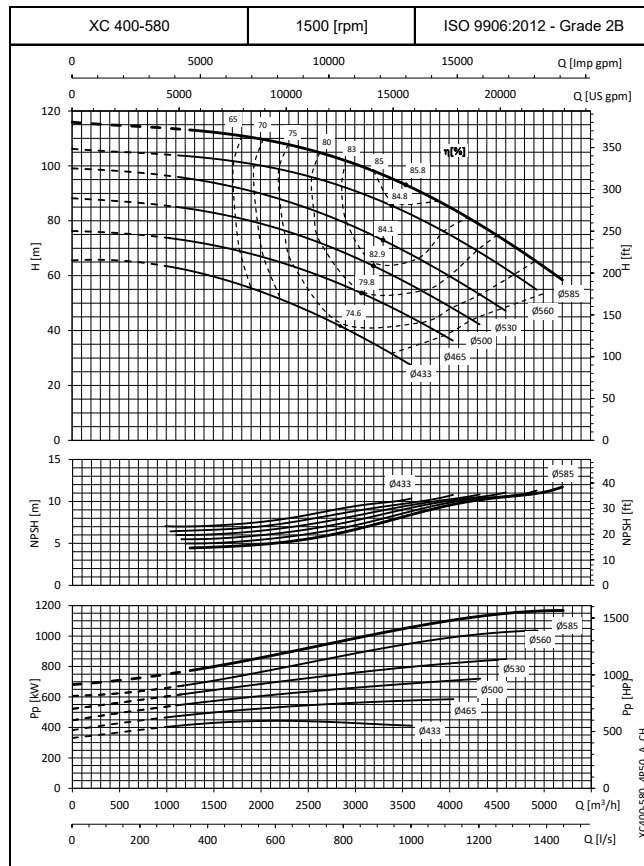
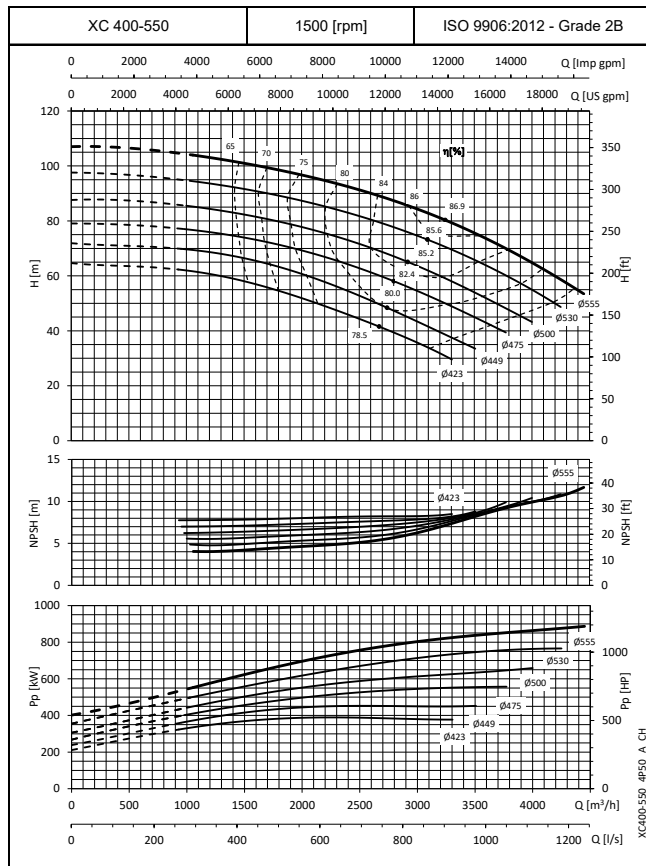
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e-XC SERIES

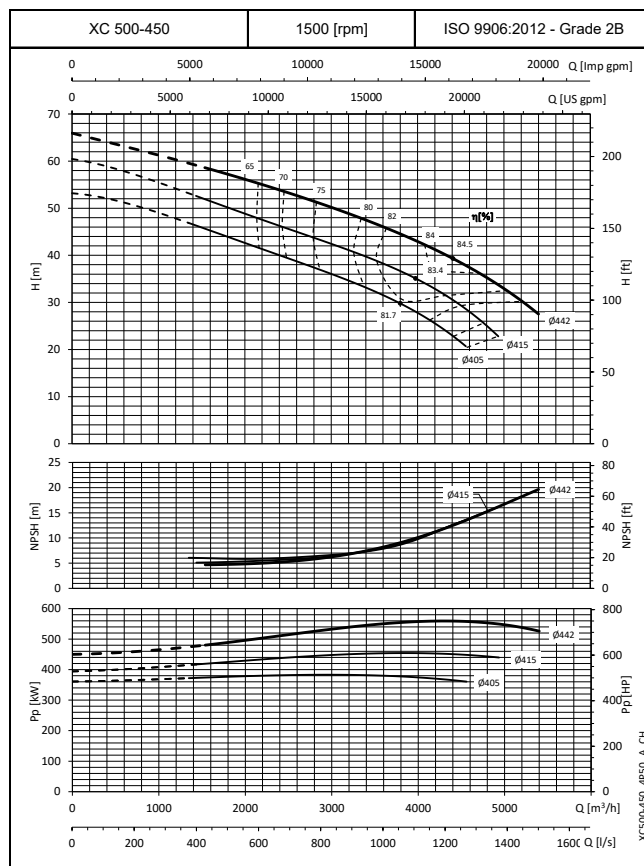
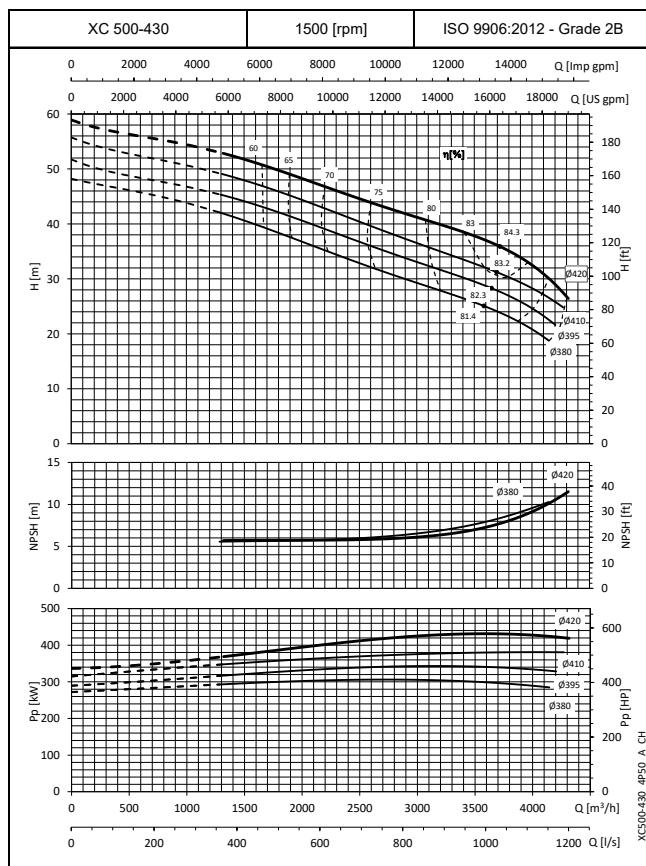
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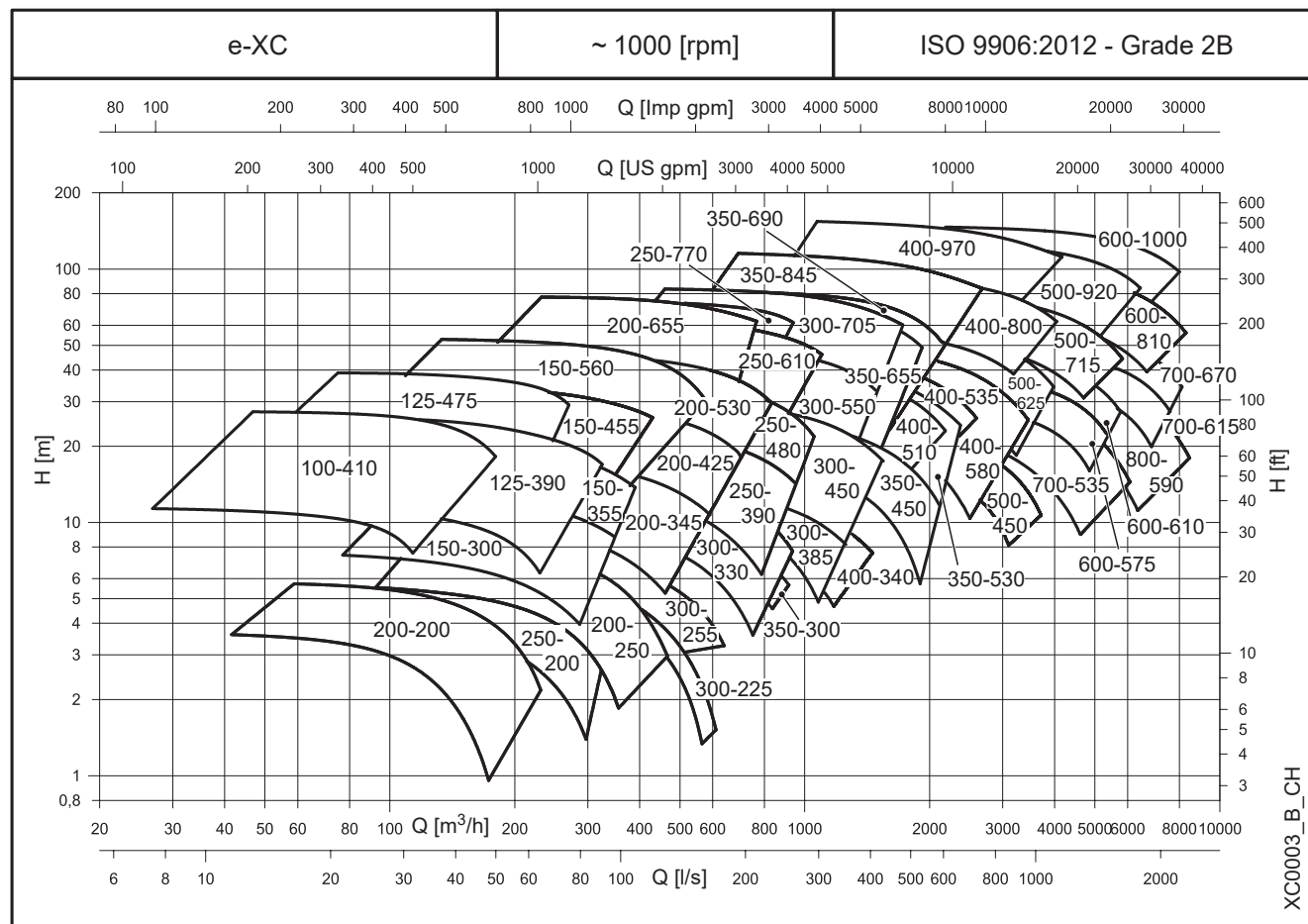
e-XC SERIES

OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



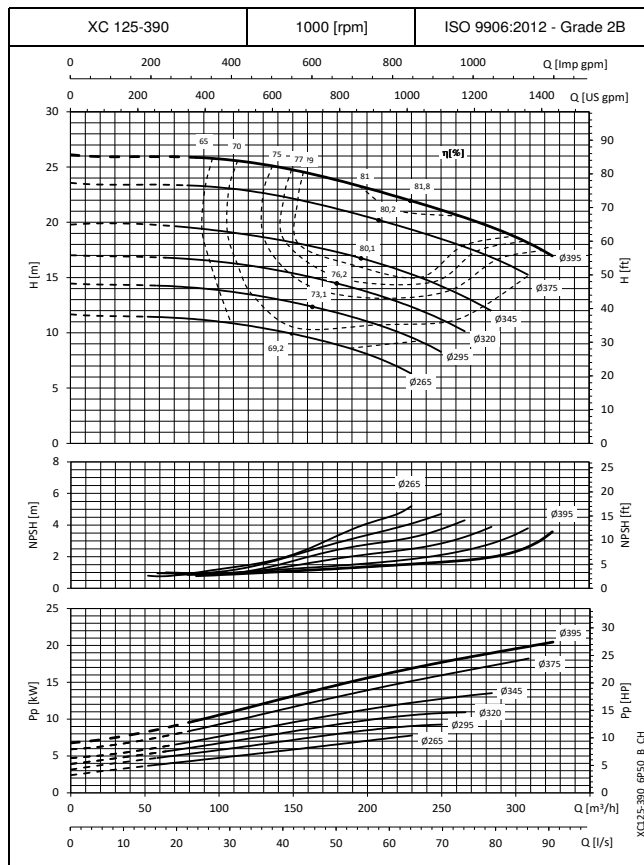
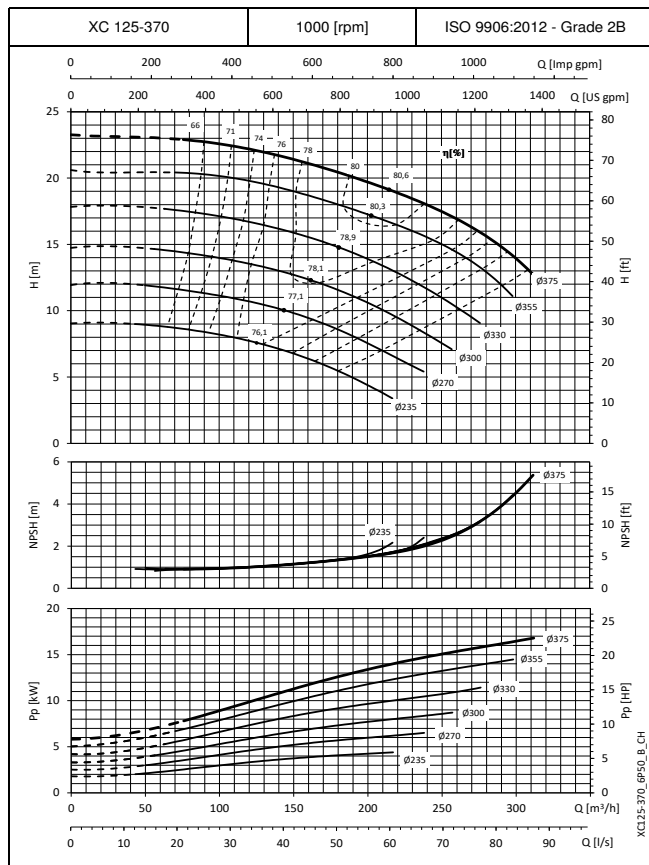
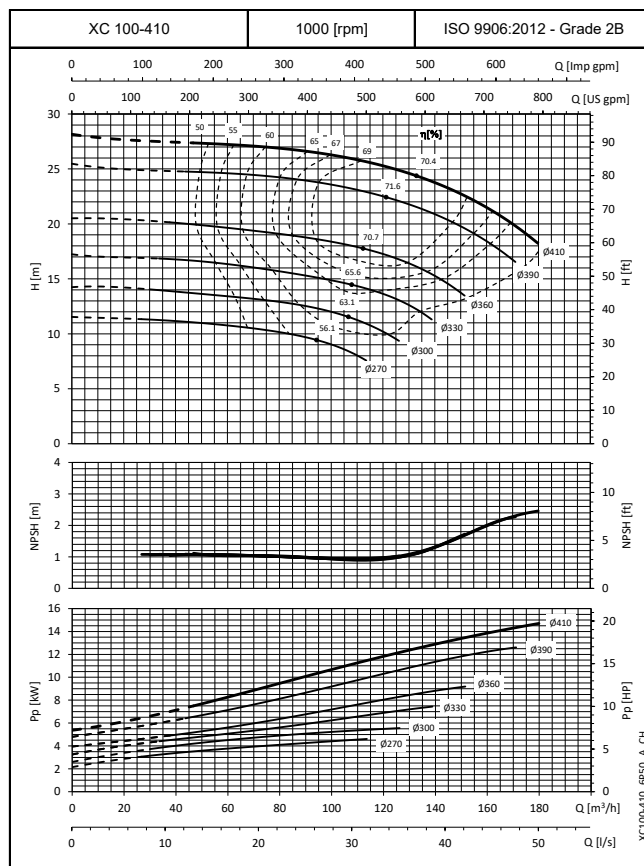
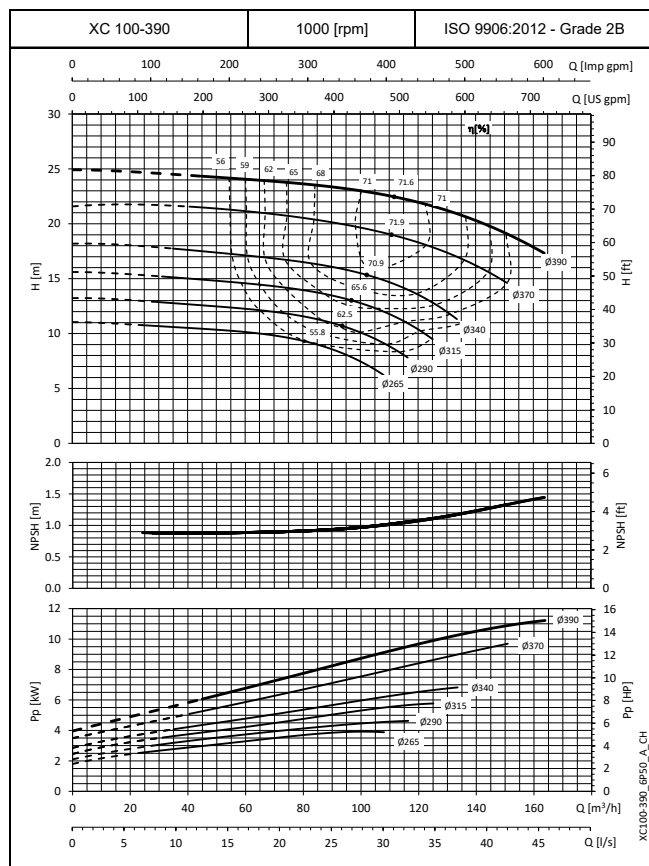
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HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 6 POLES



e-XC SERIES

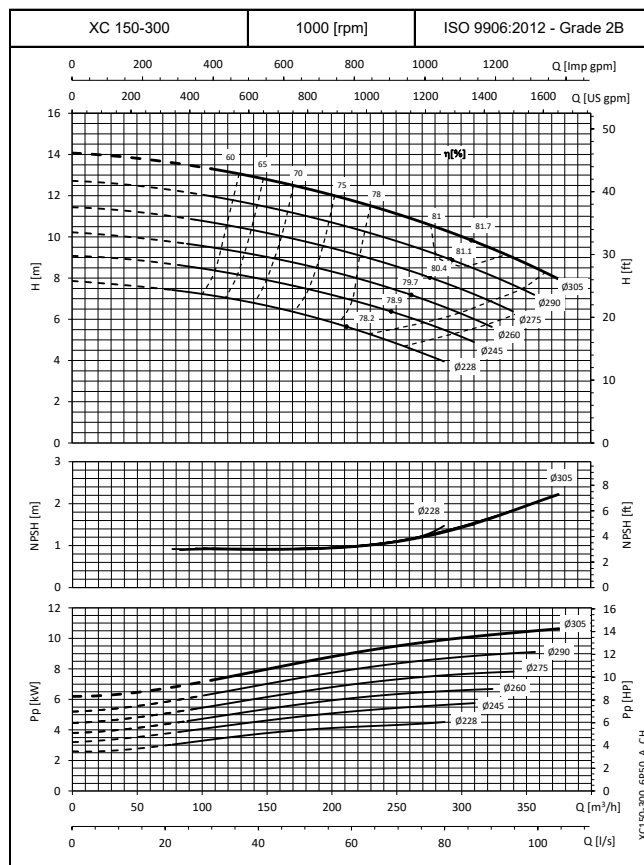
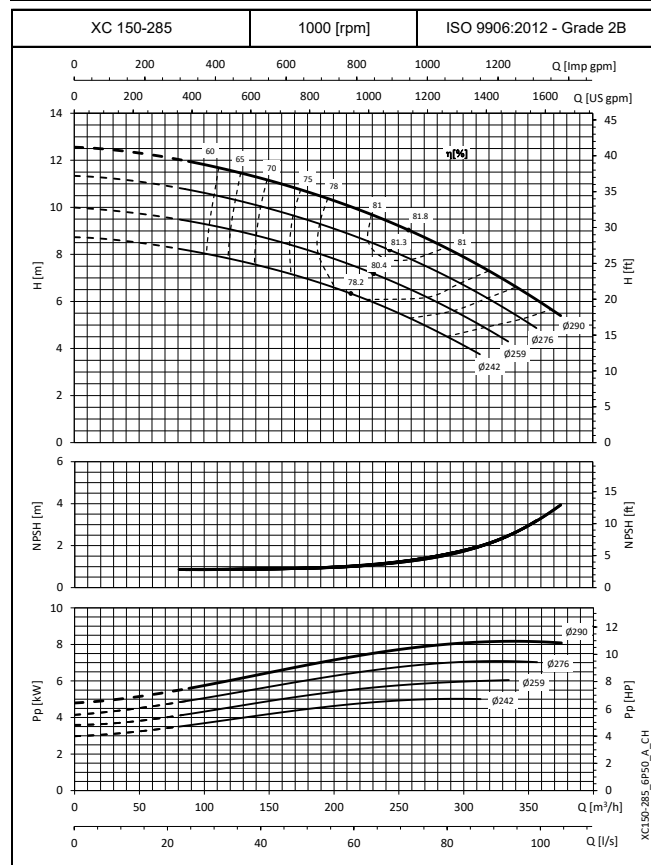
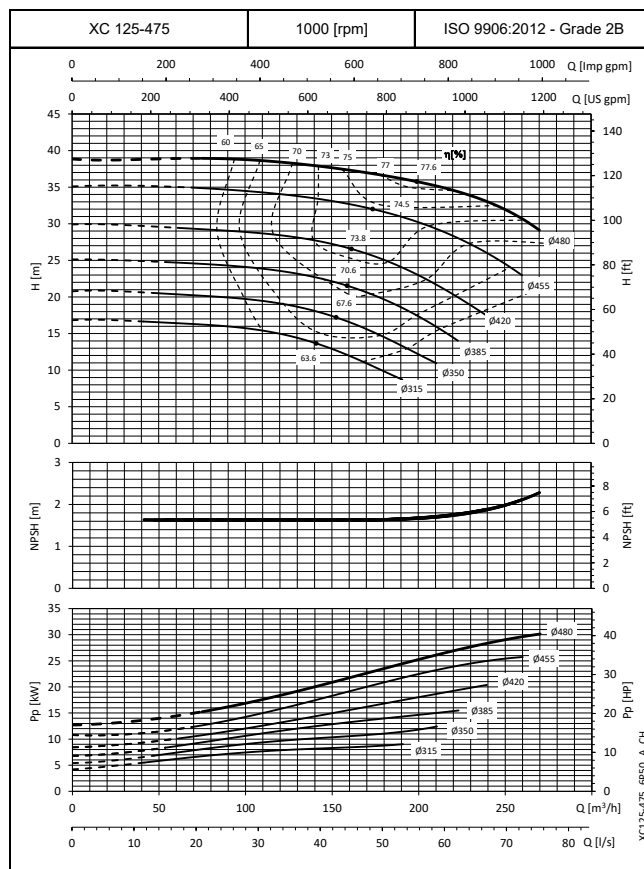
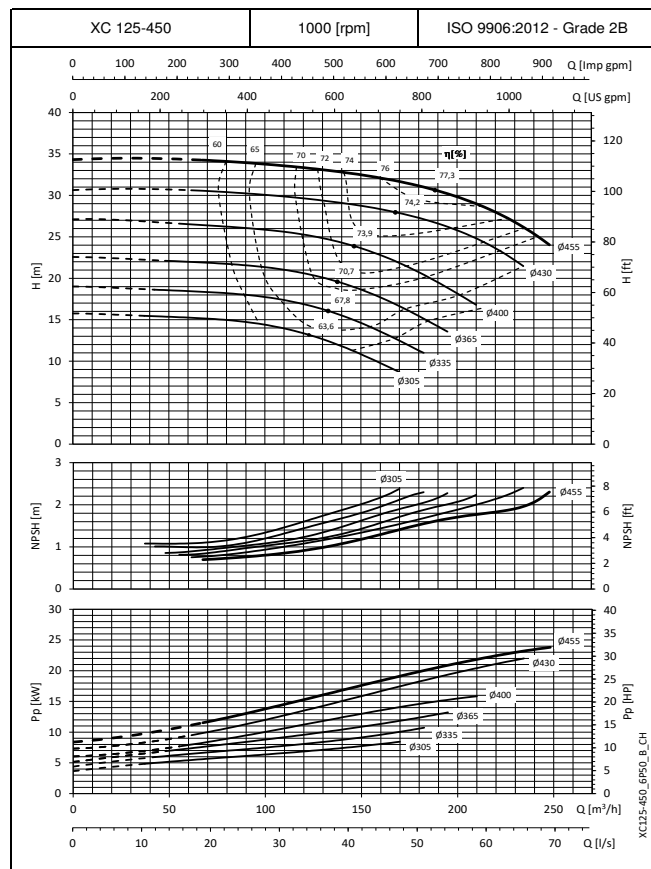
OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



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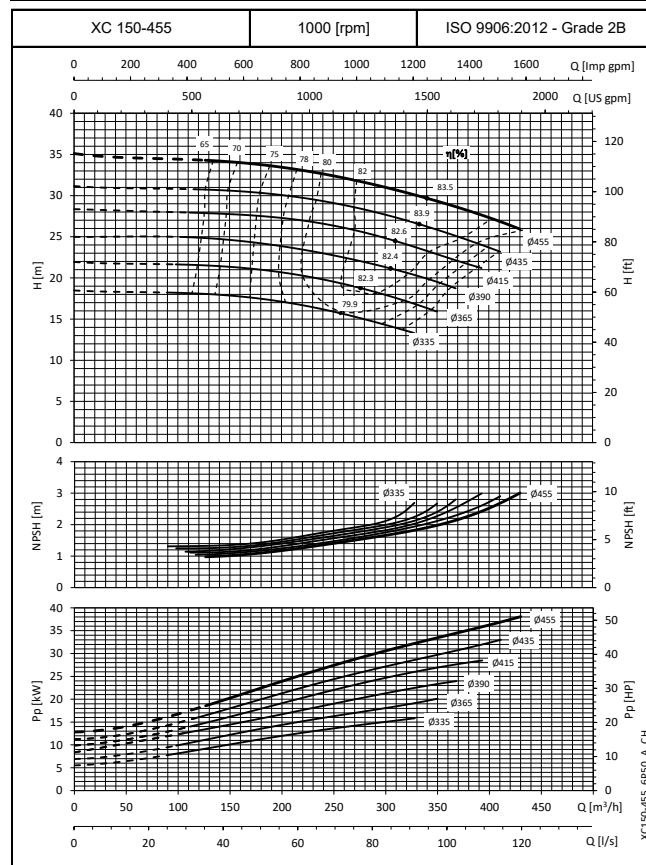
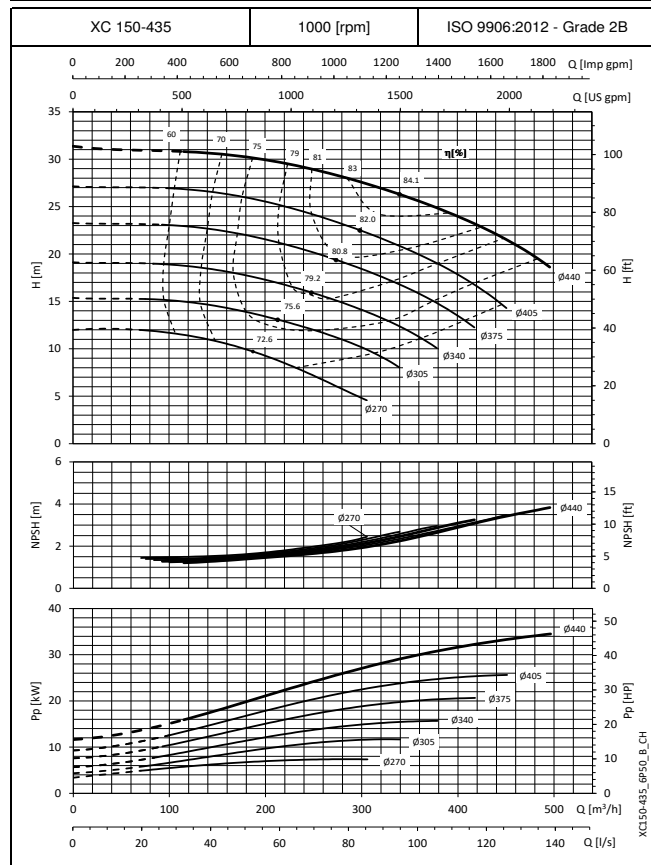
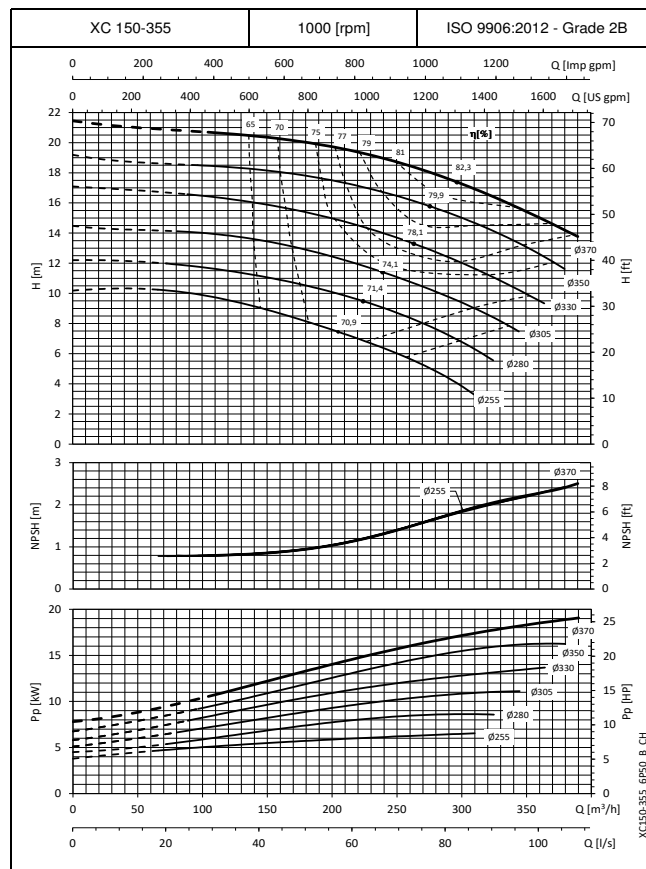
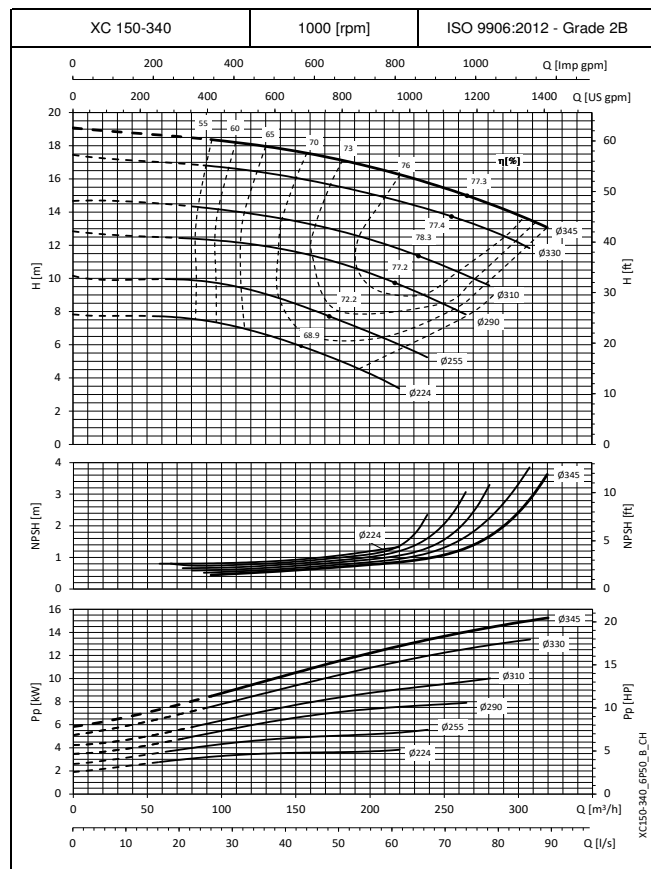
e-XC SERIES

OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



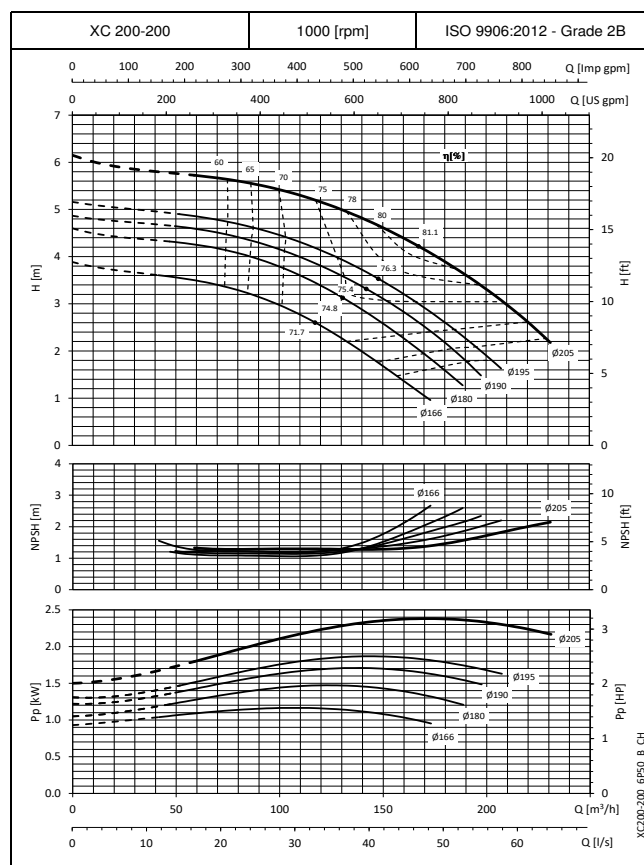
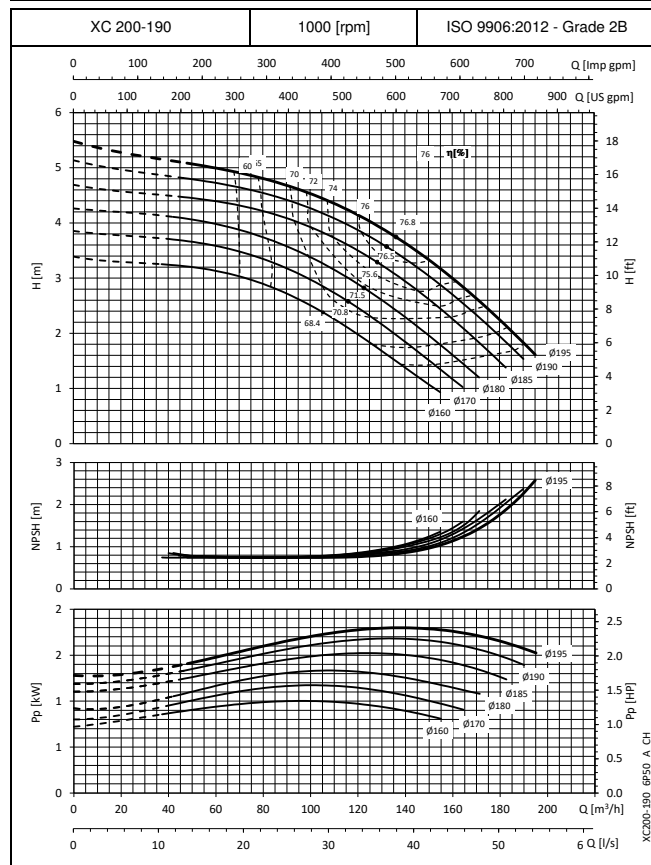
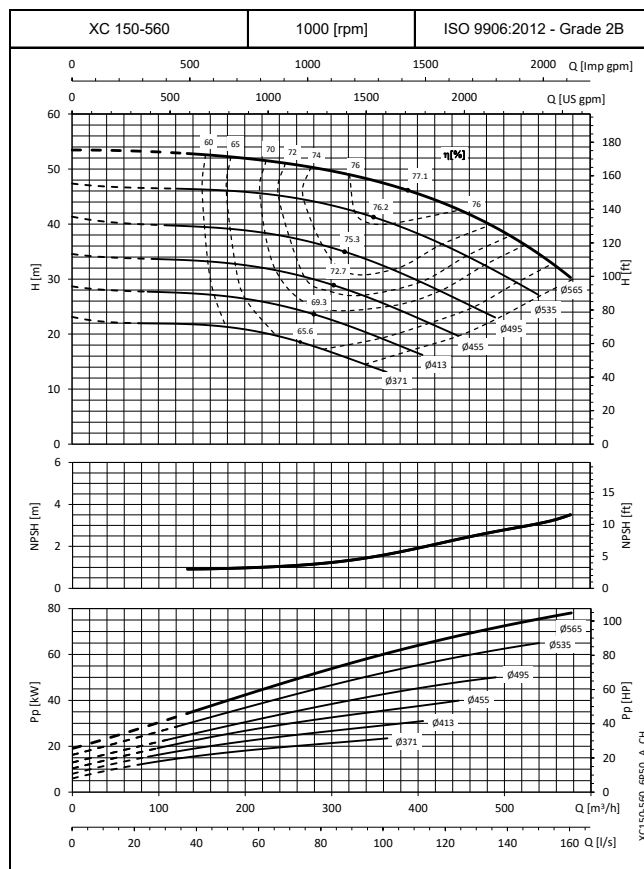
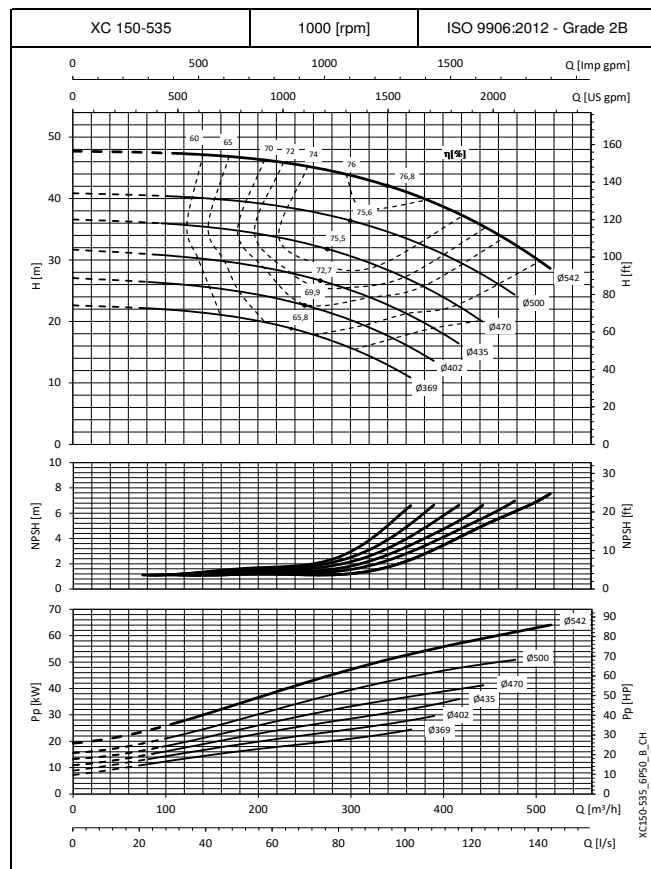
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e-XC SERIES OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



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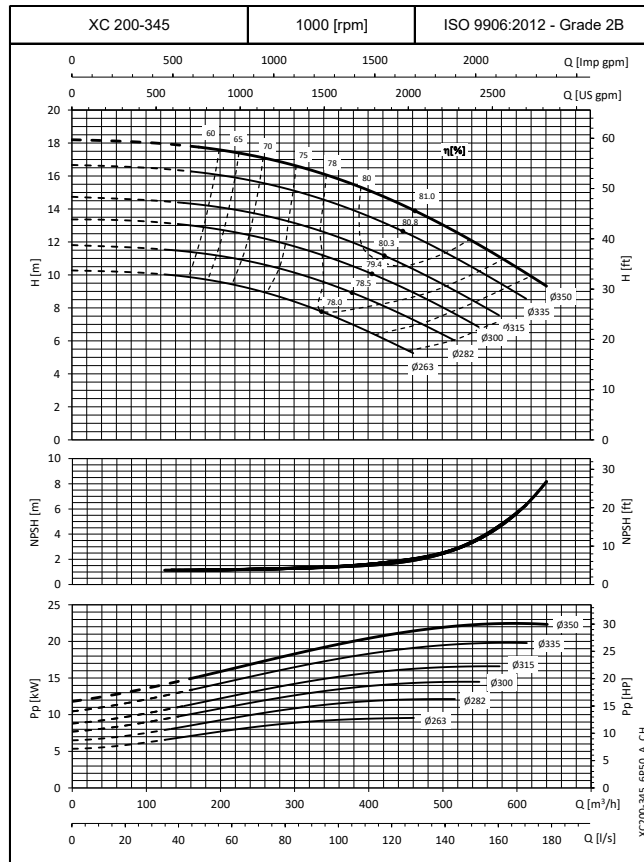
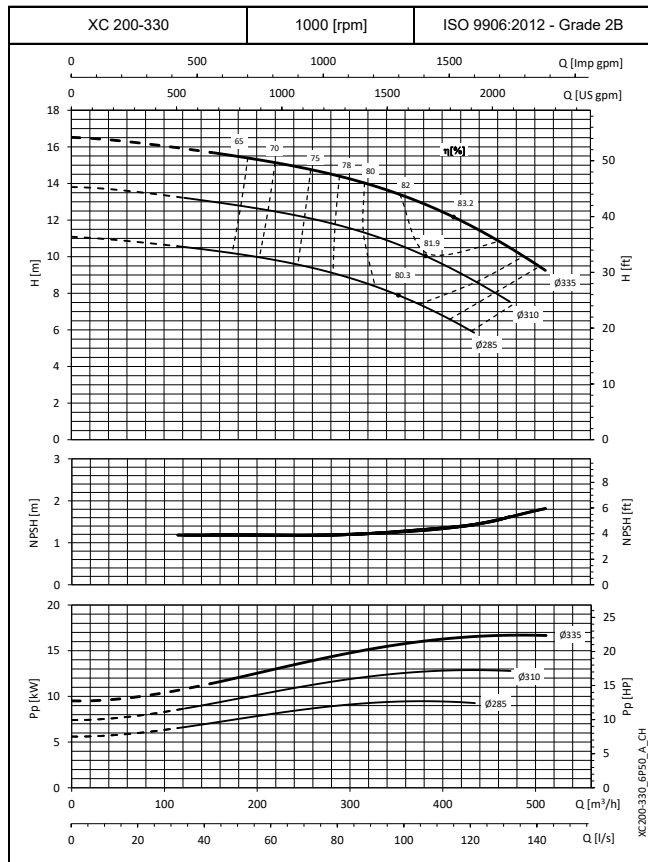
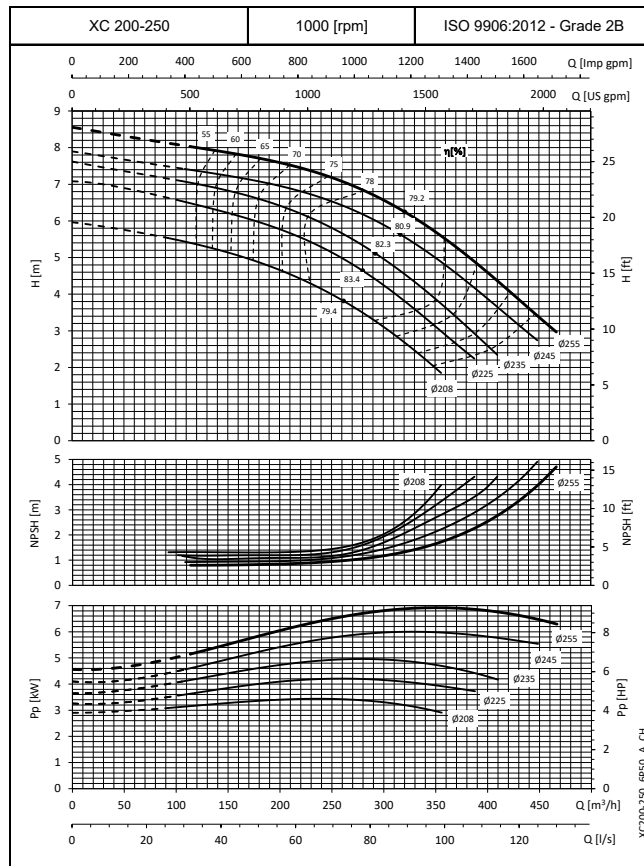
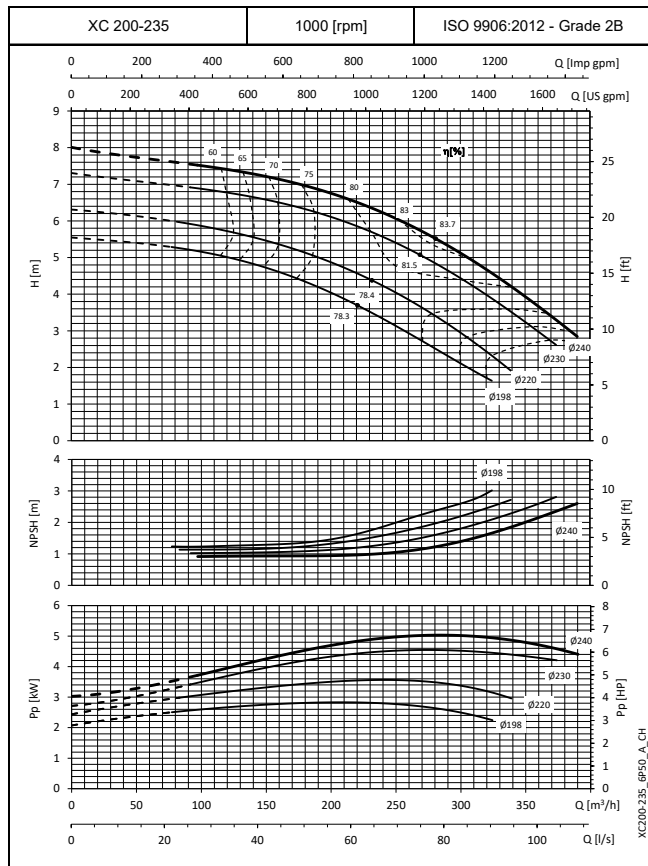
e-XC SERIES OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



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e-XC SERIES

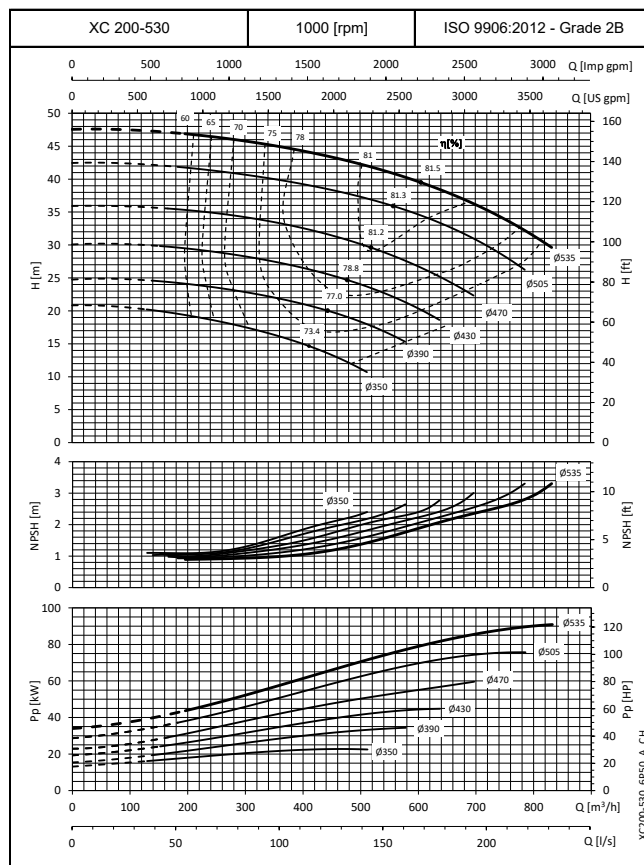
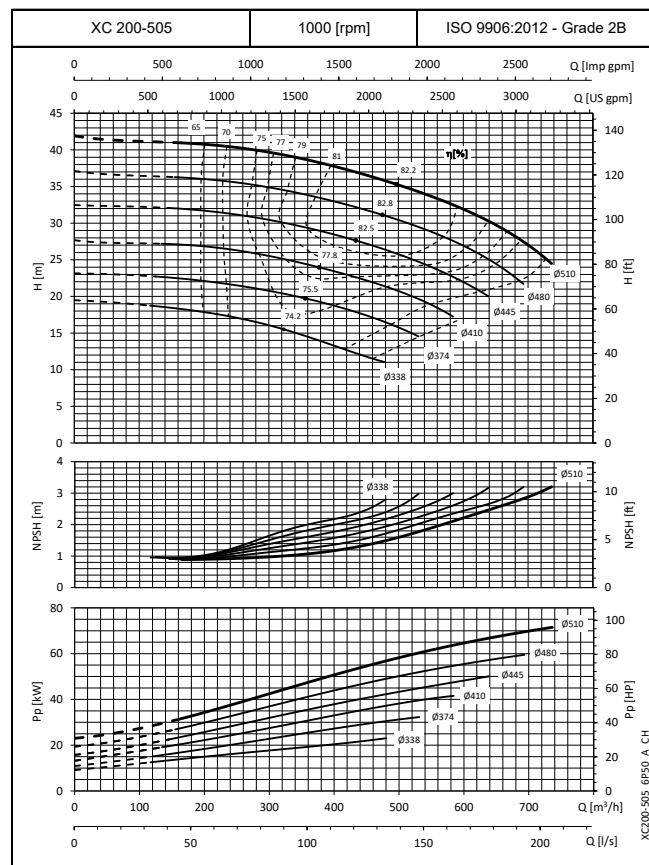
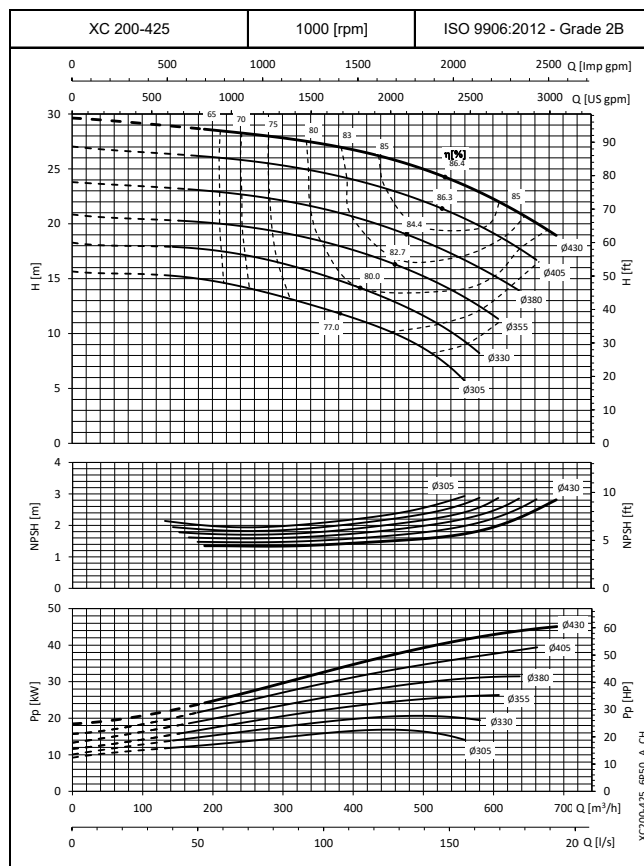
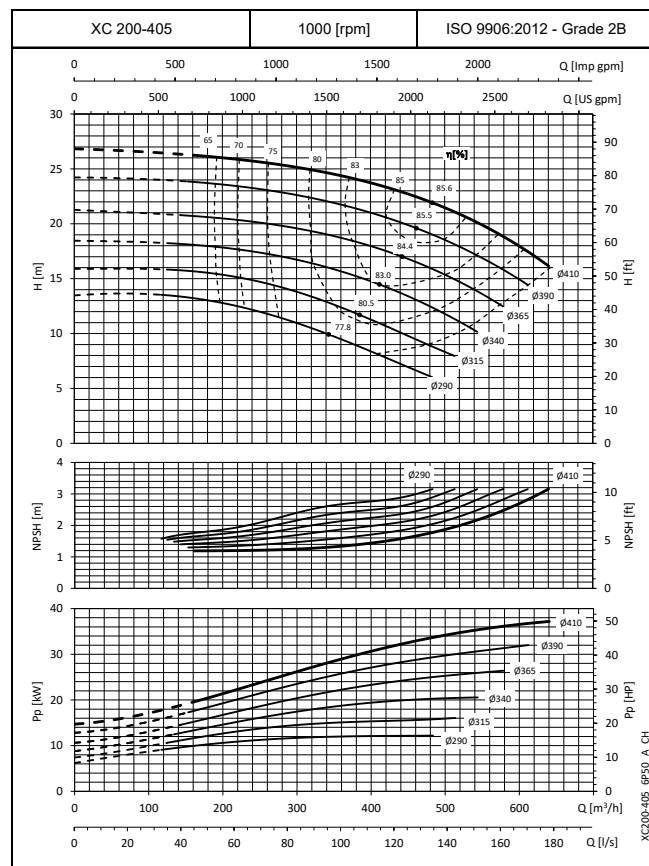
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e-XC SERIES

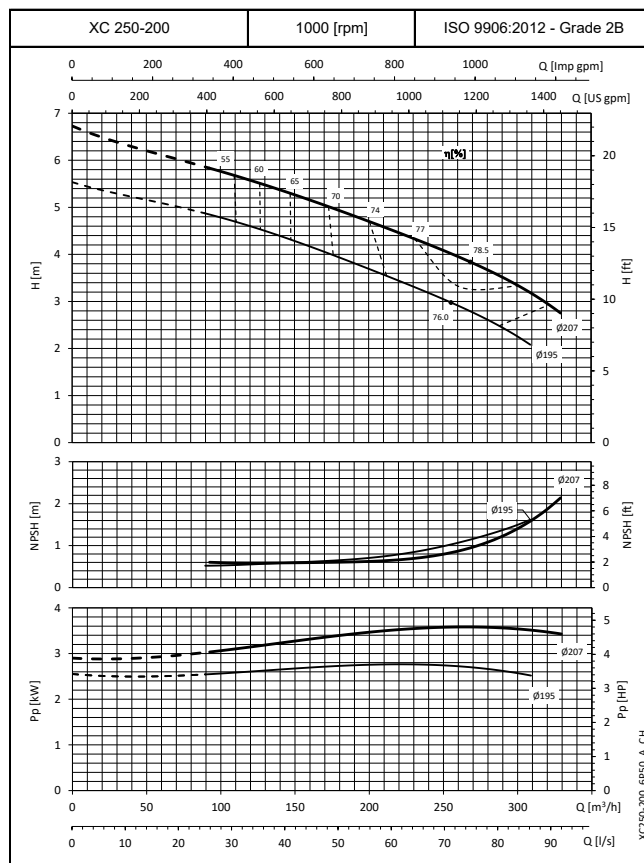
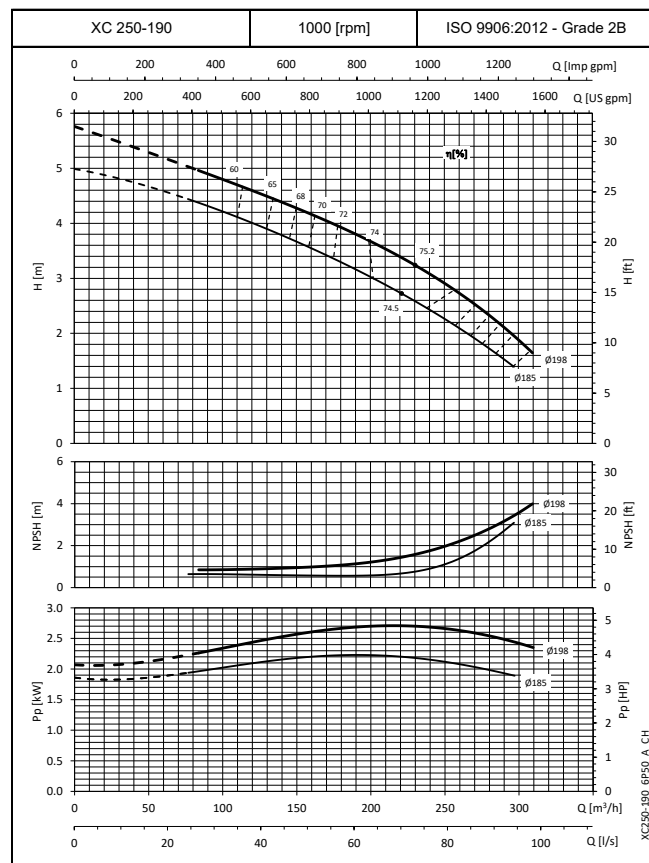
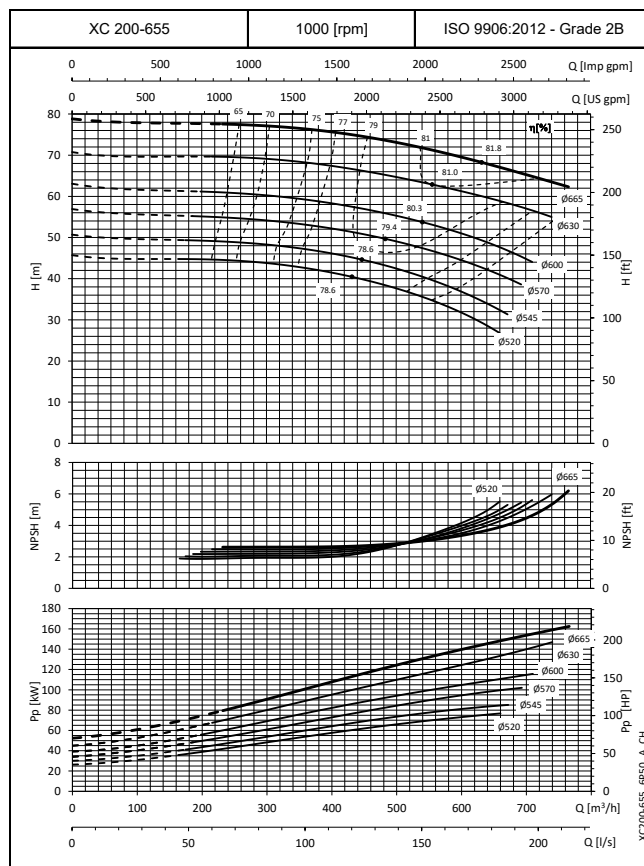
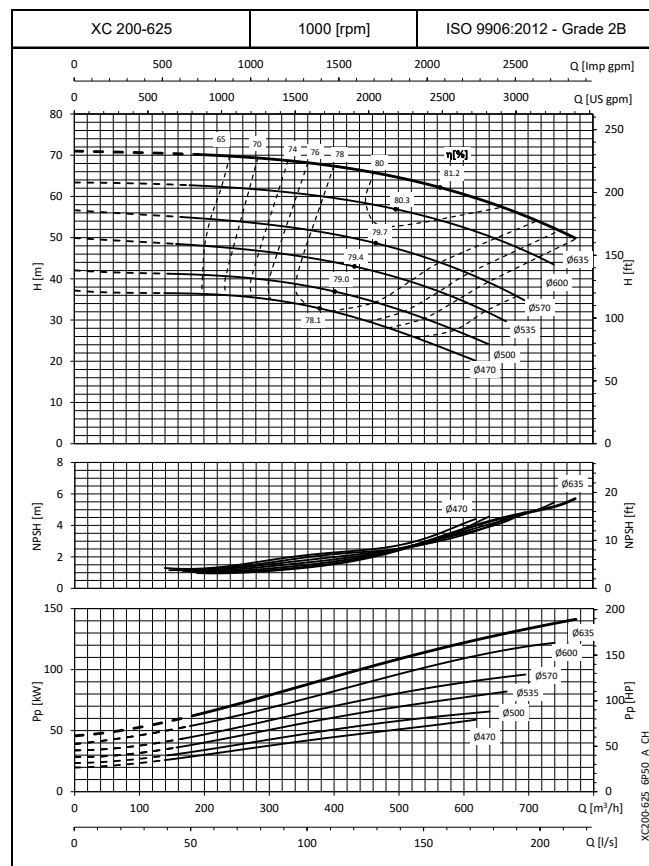
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e-XC SERIES

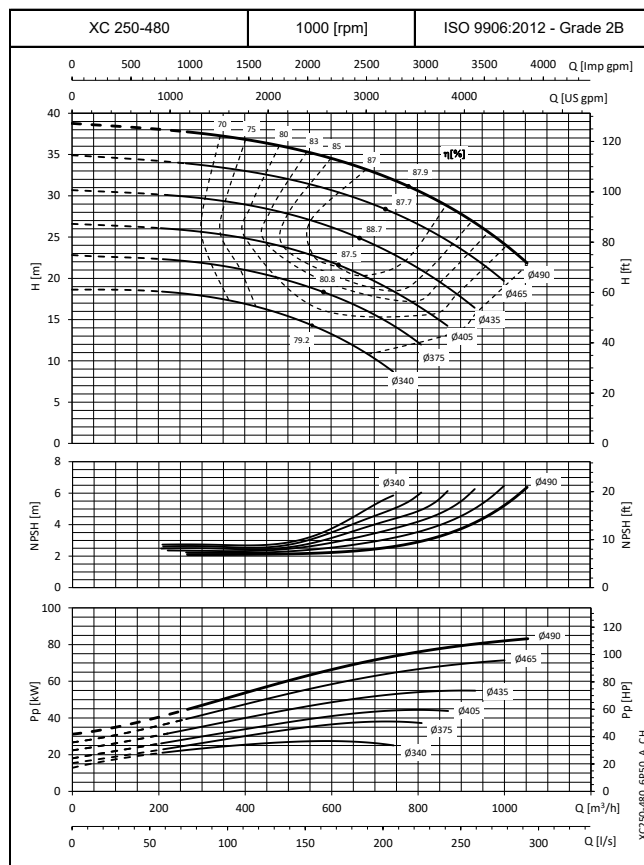
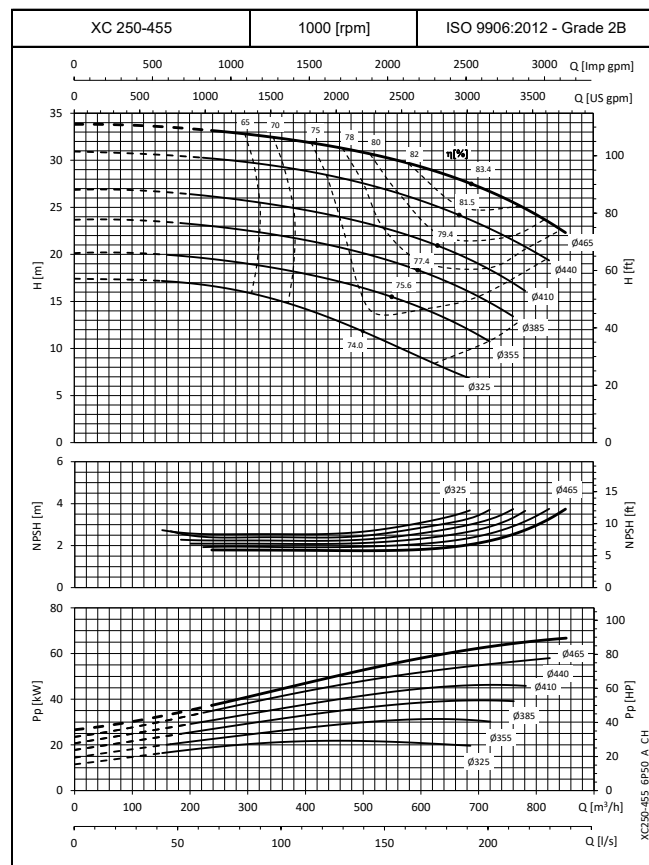
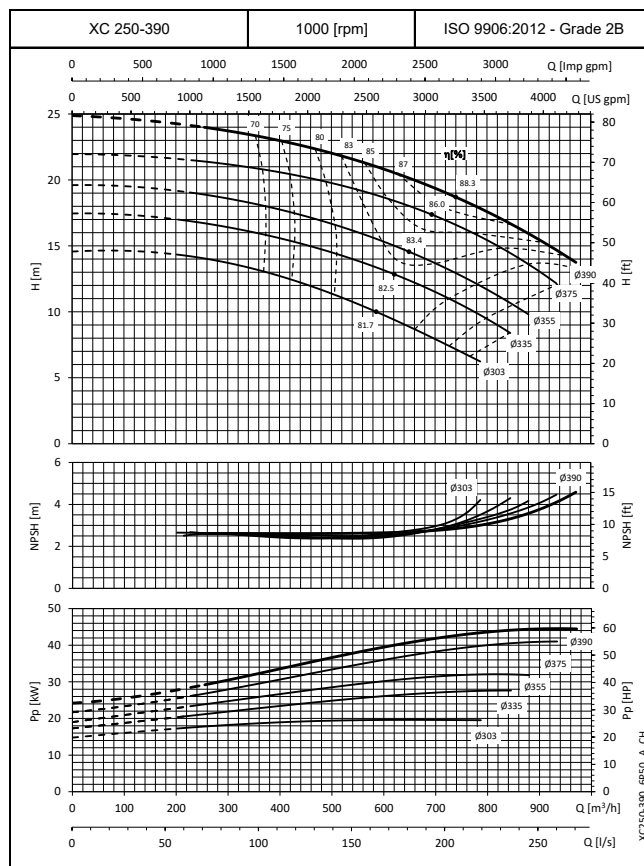
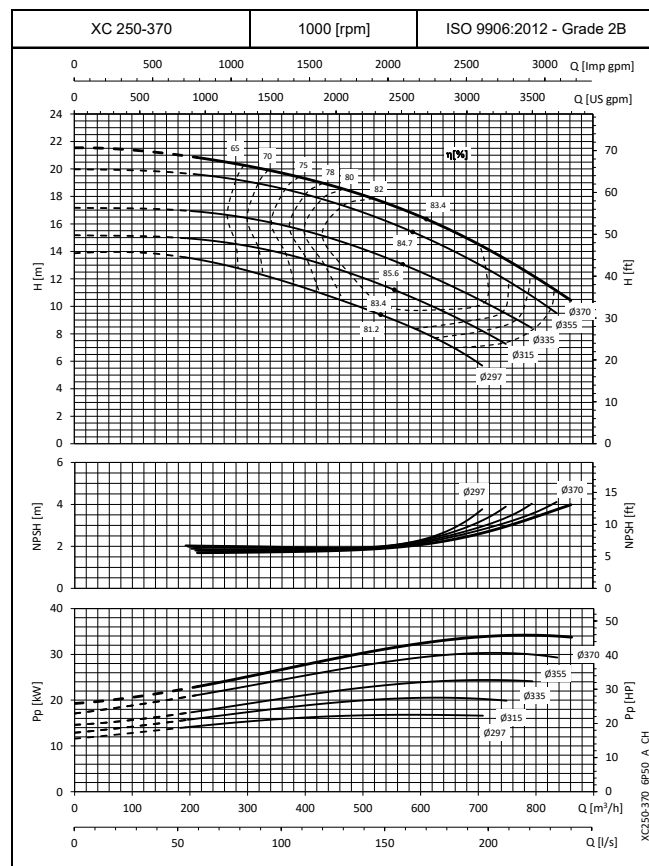
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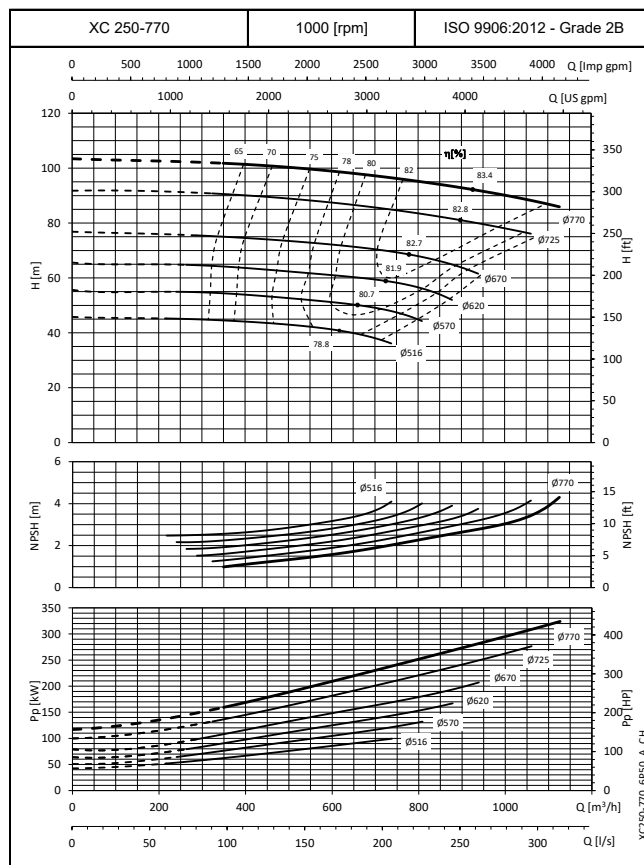
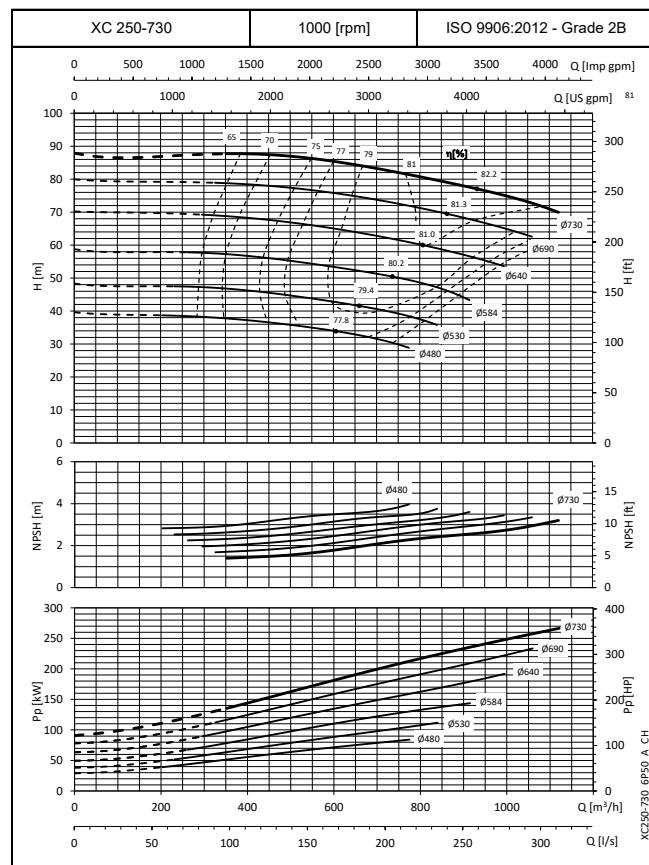
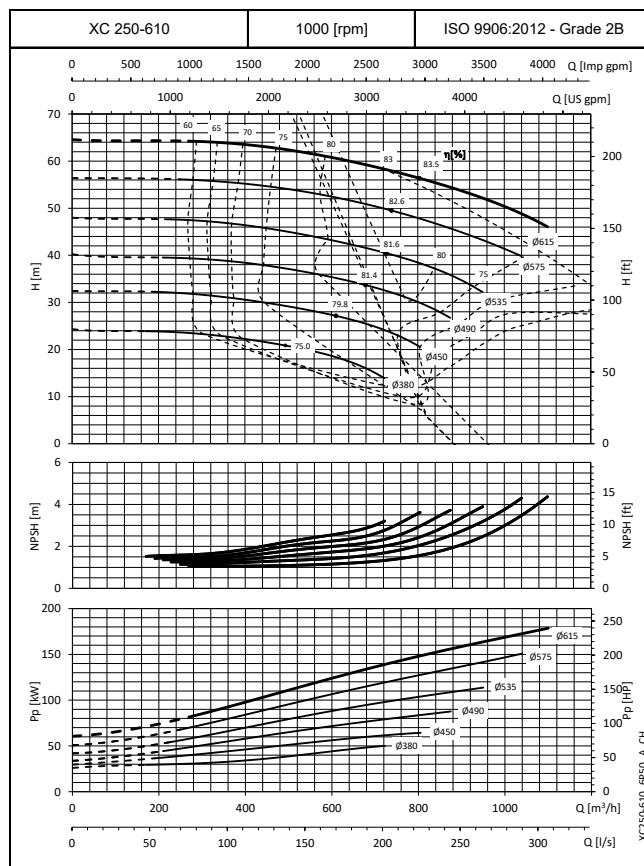
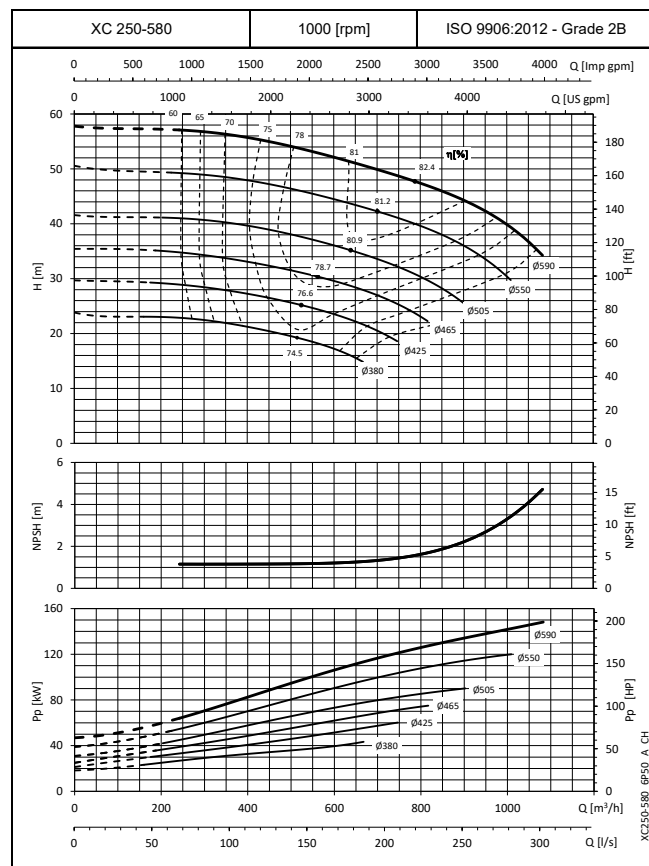
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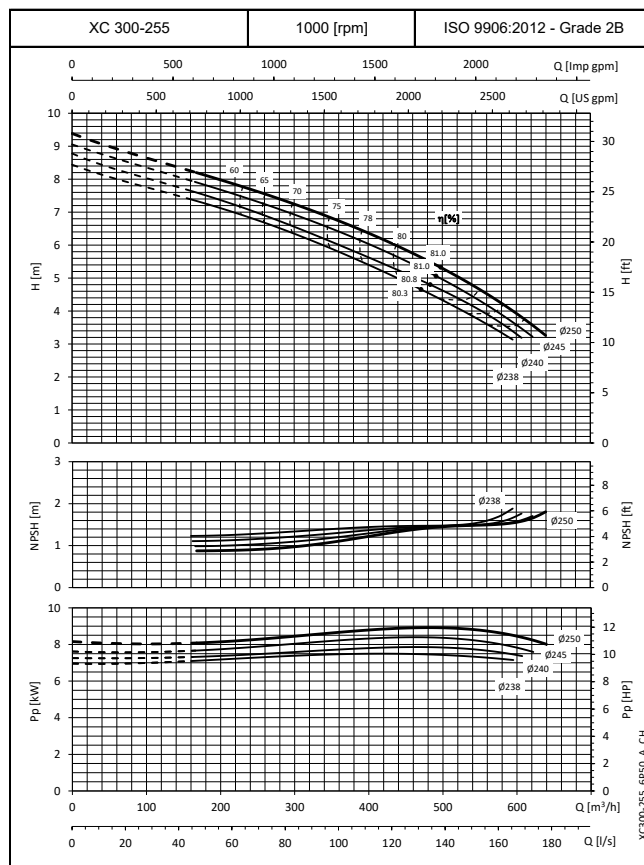
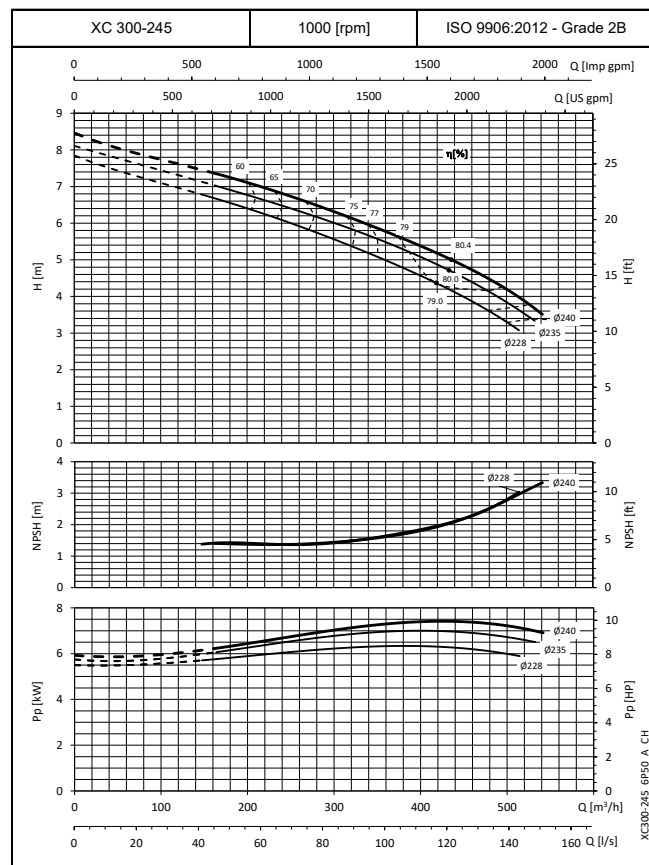
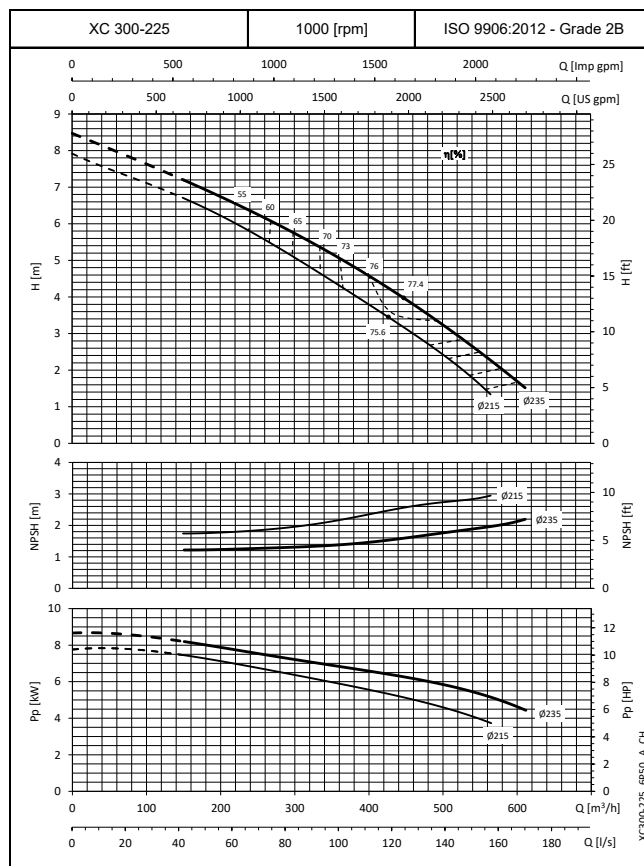
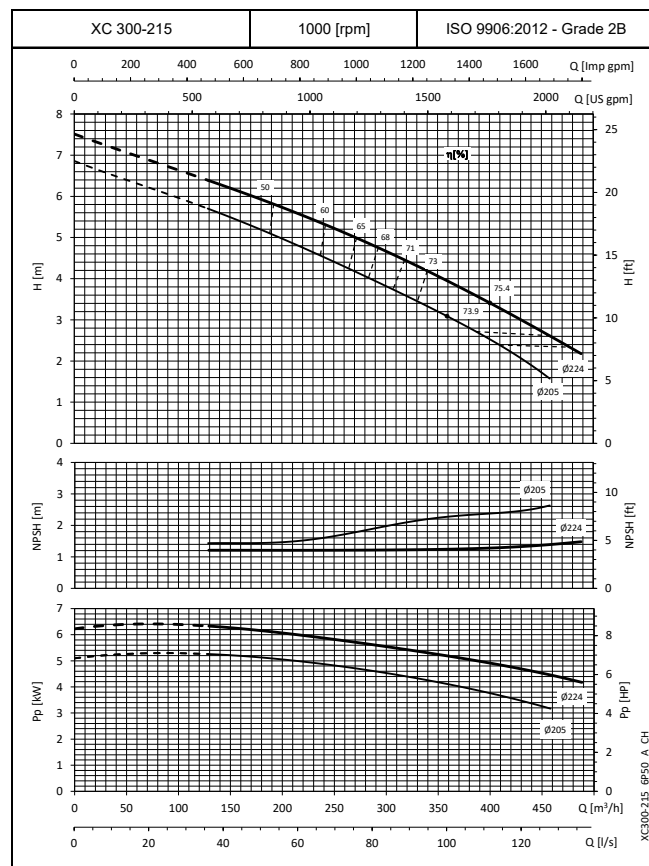
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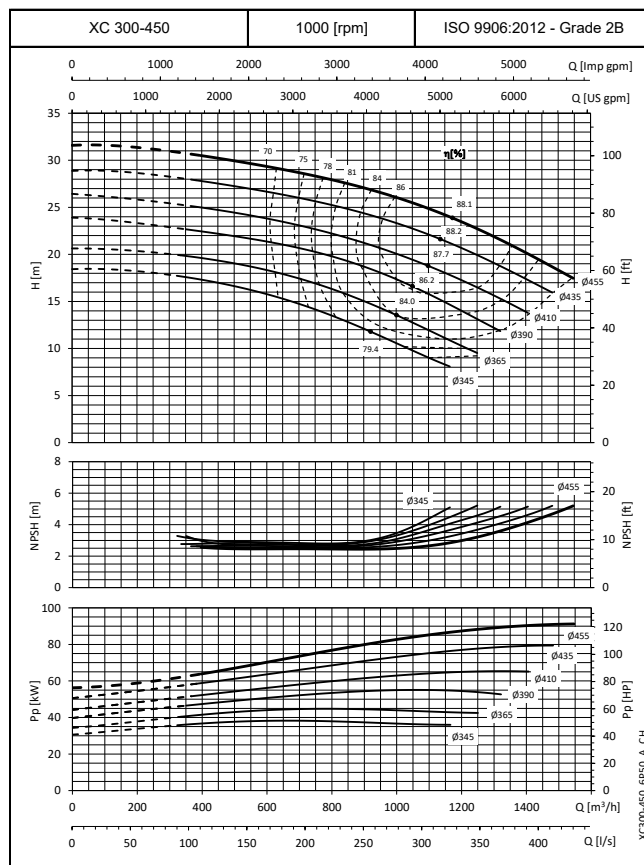
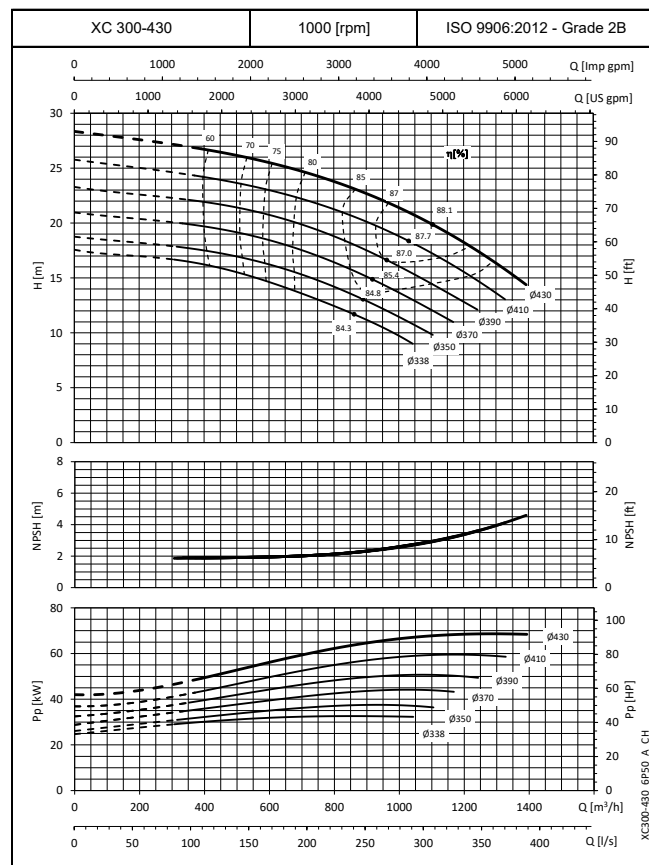
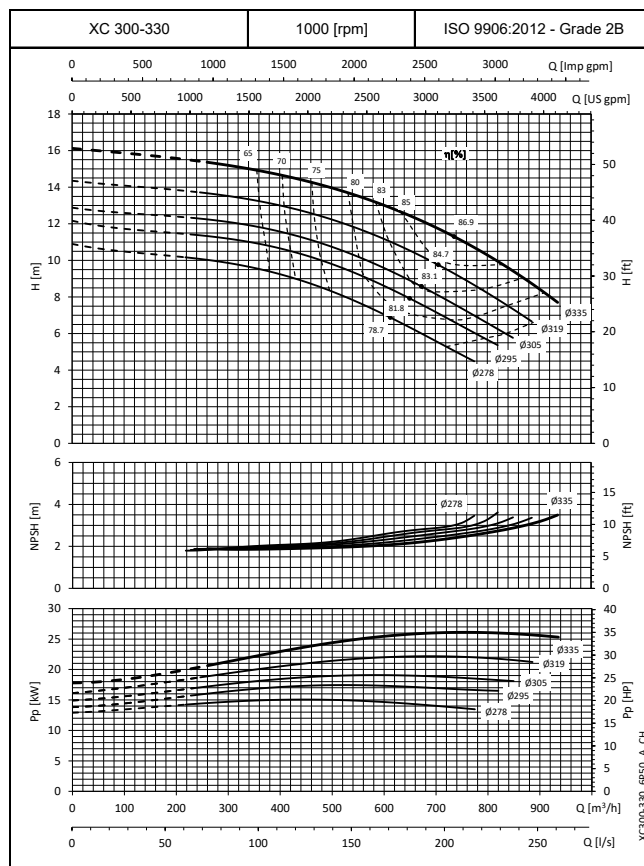
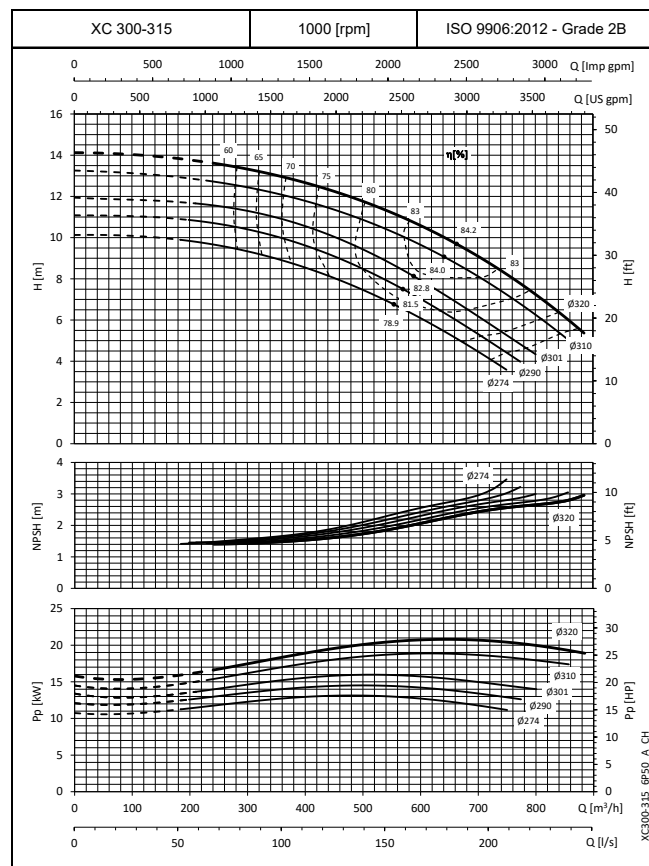
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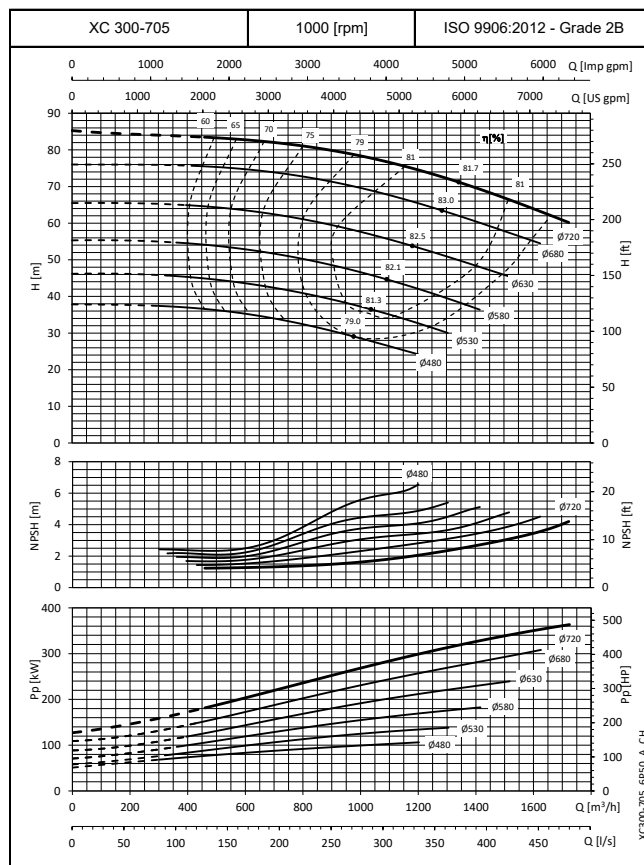
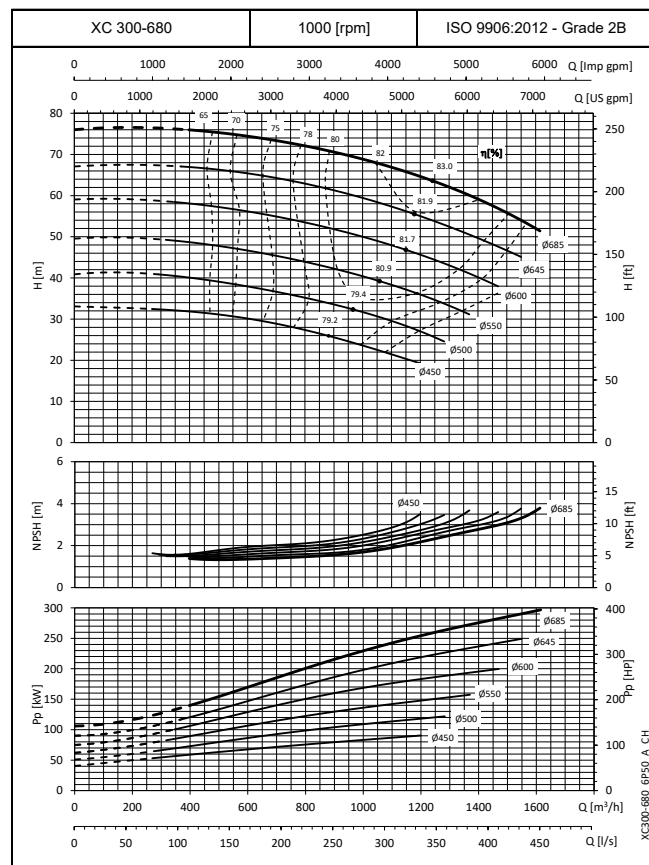
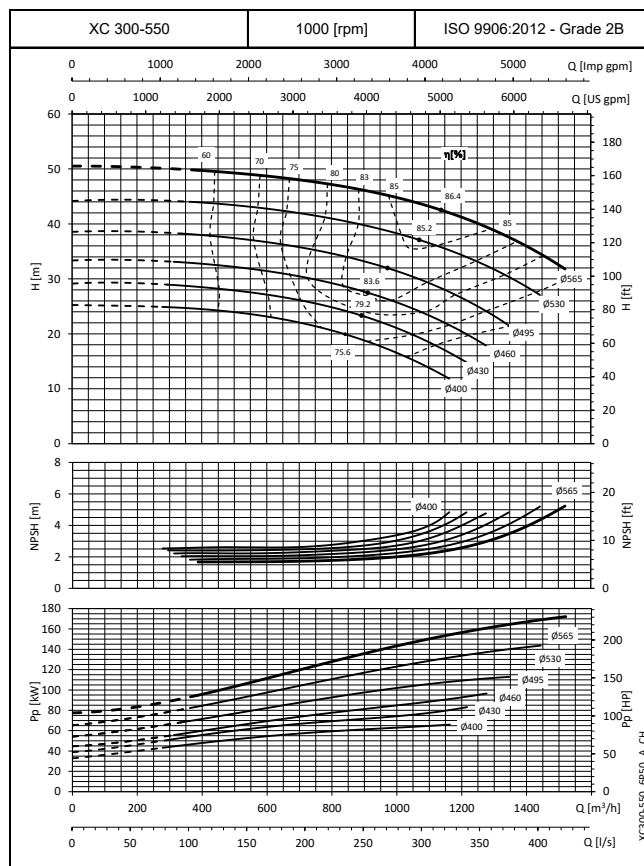
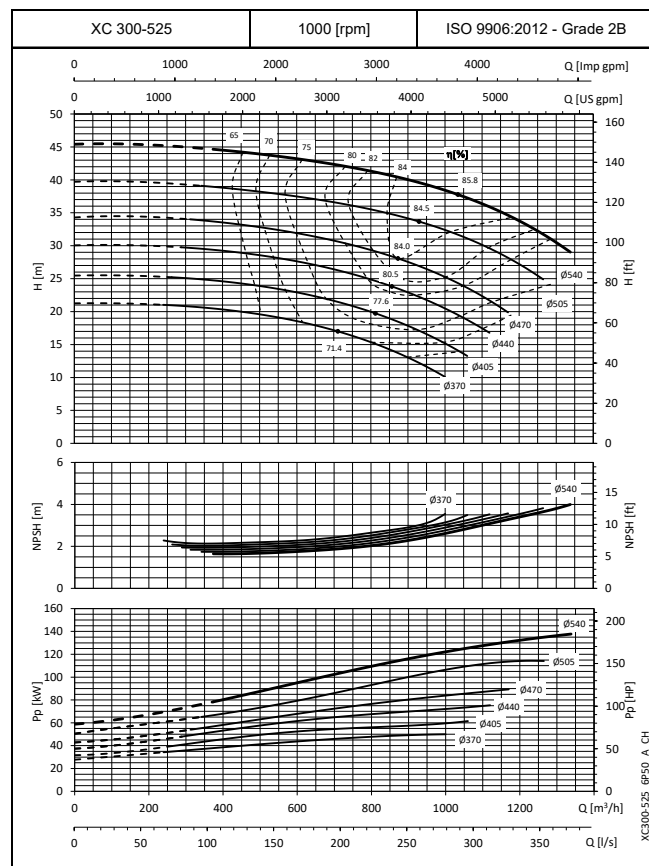
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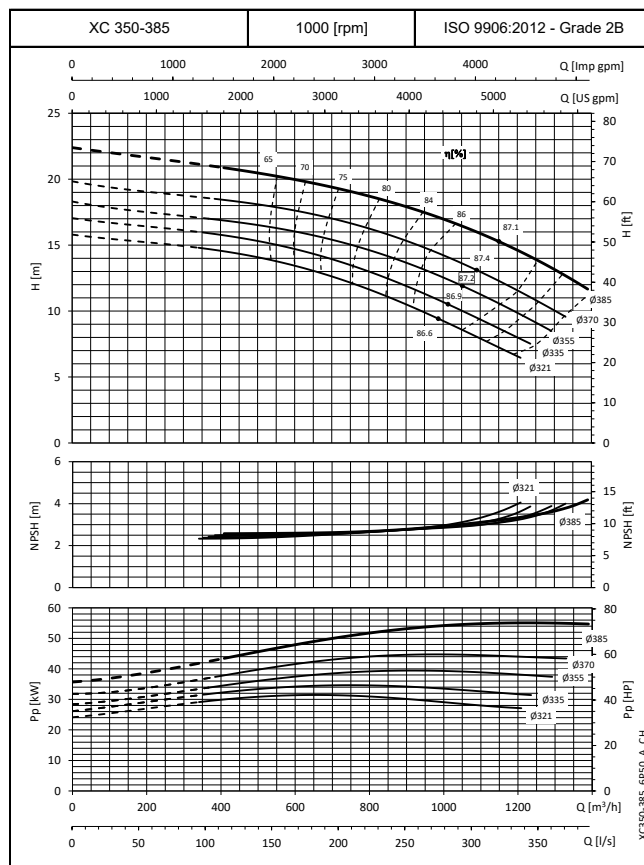
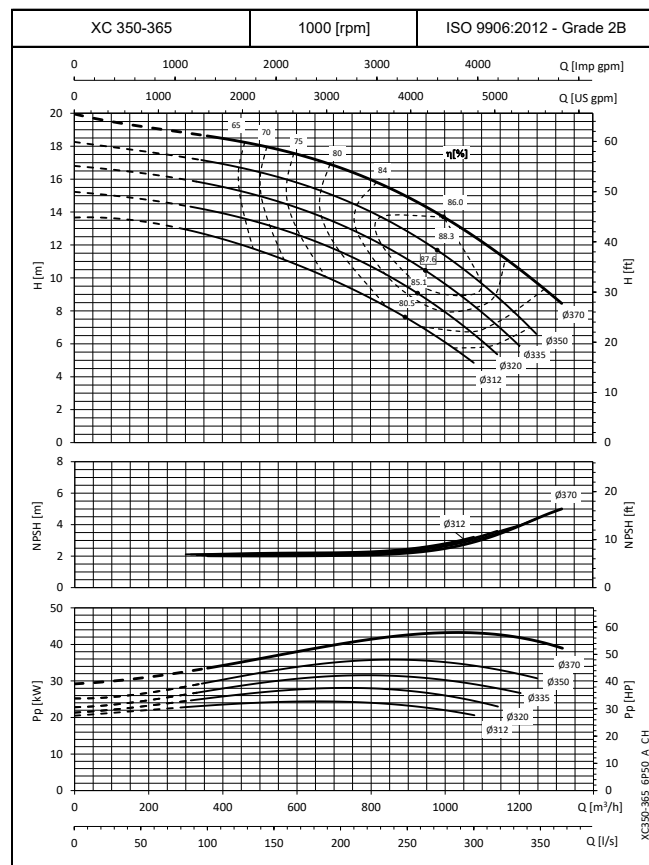
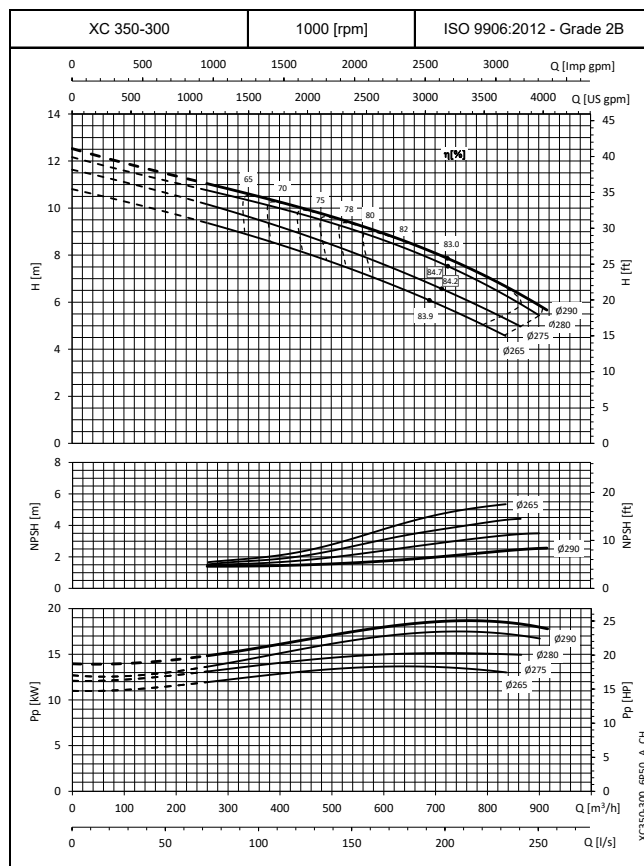
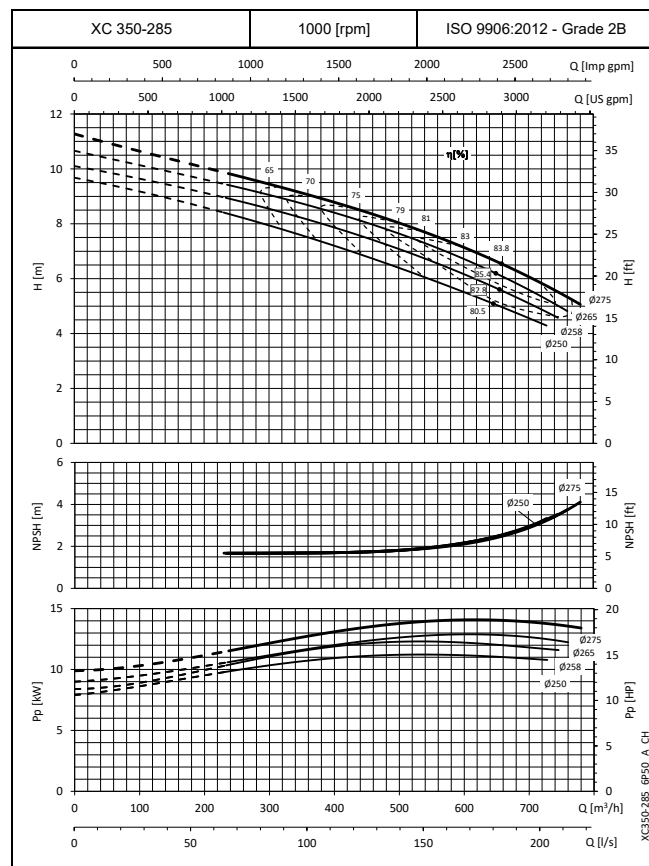
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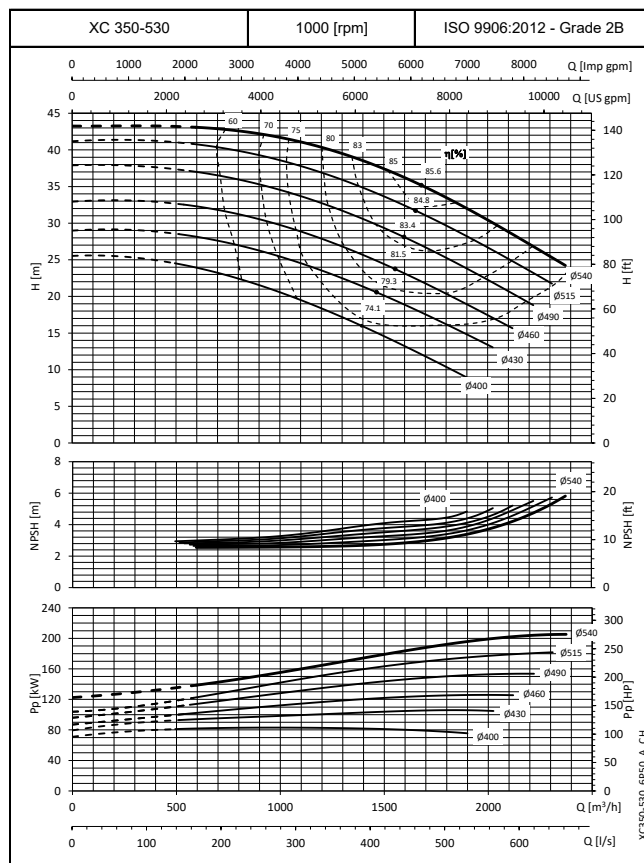
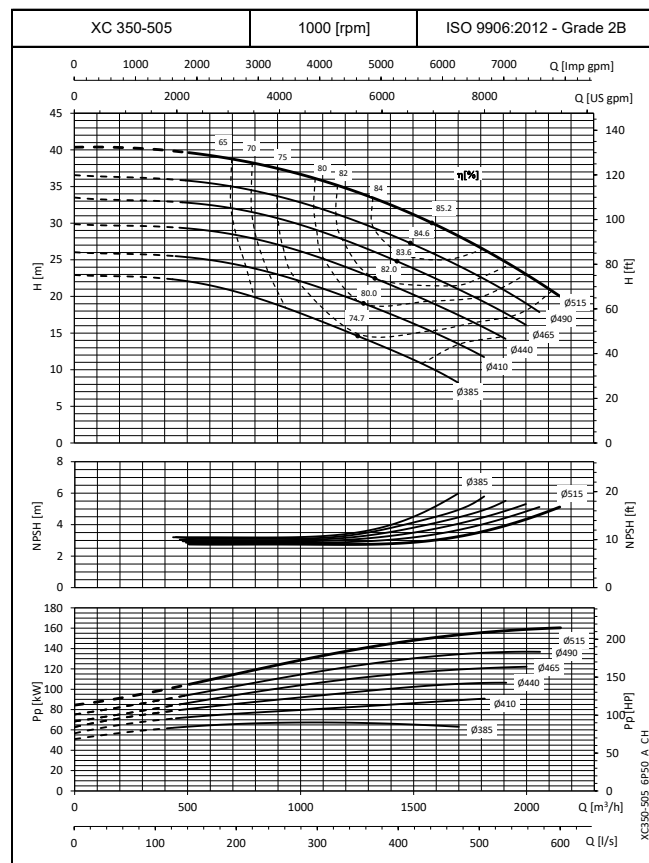
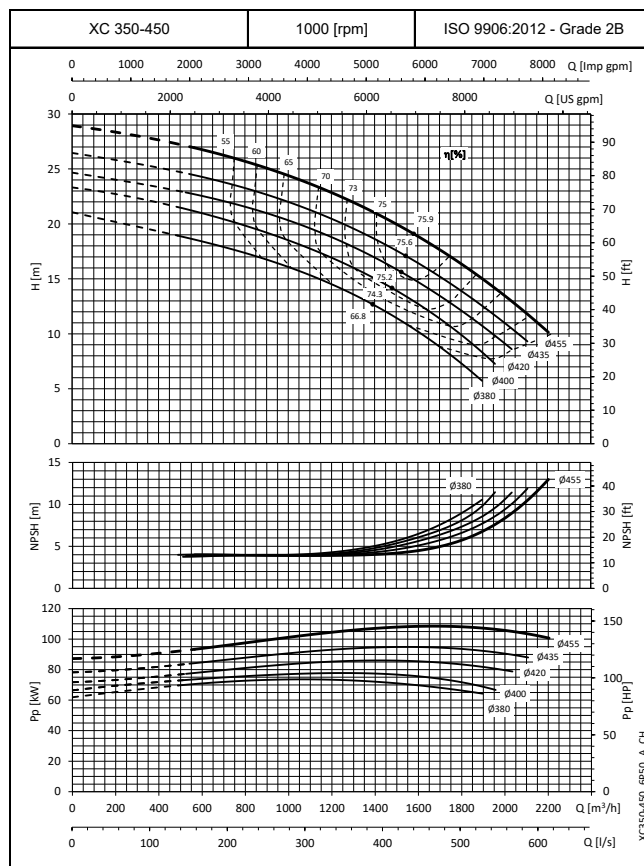
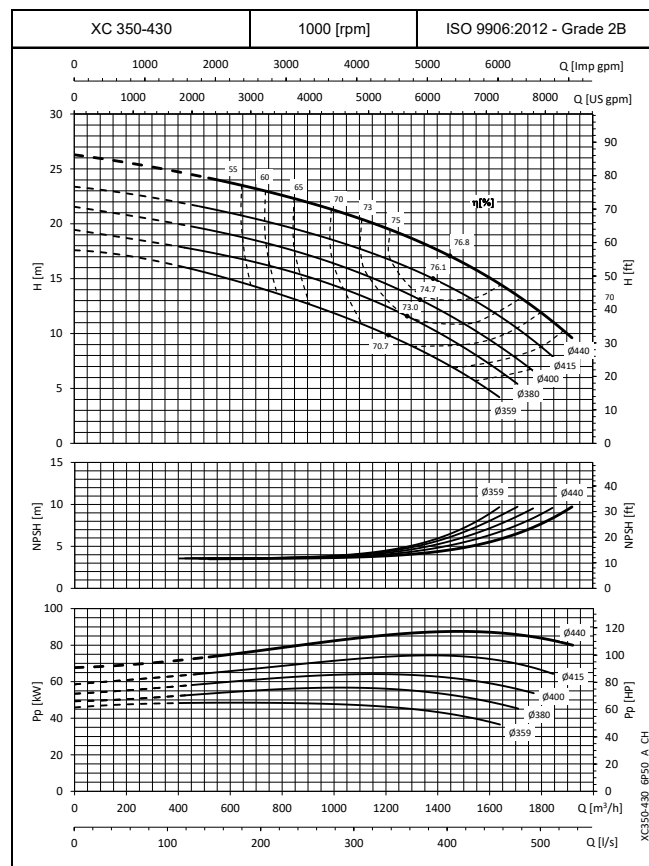
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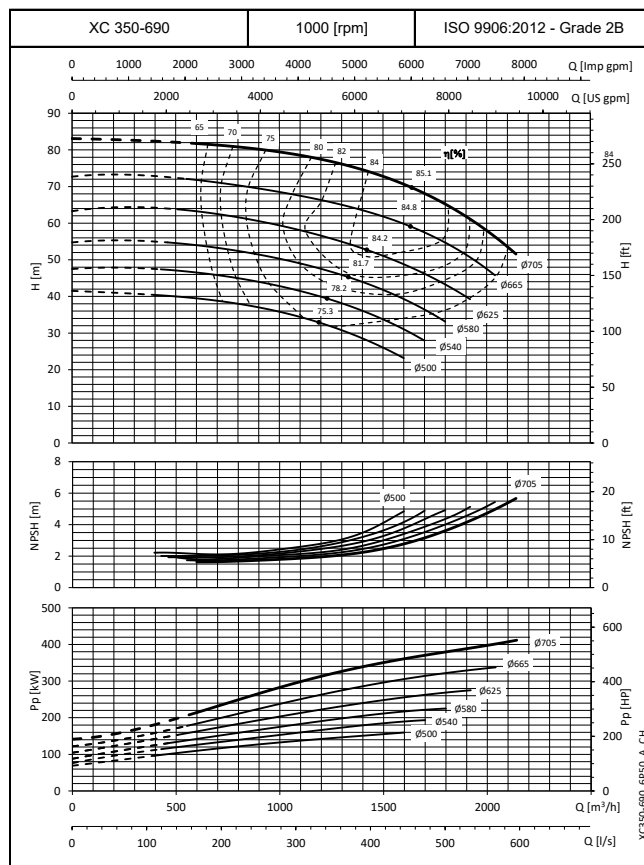
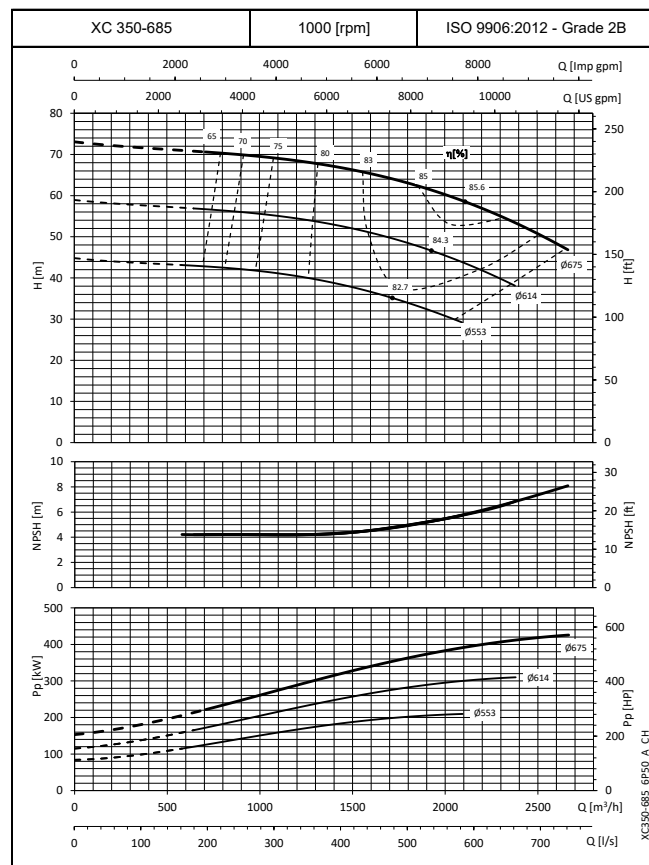
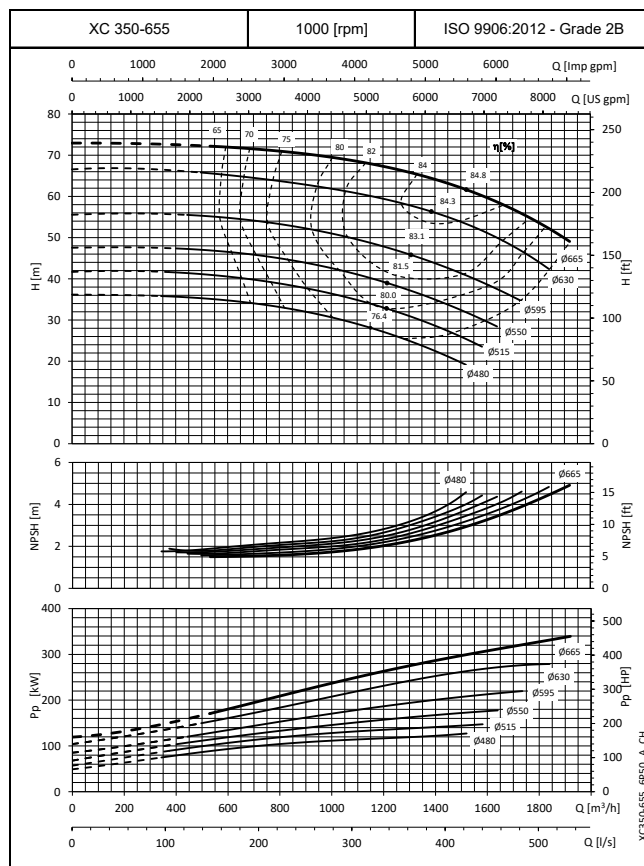
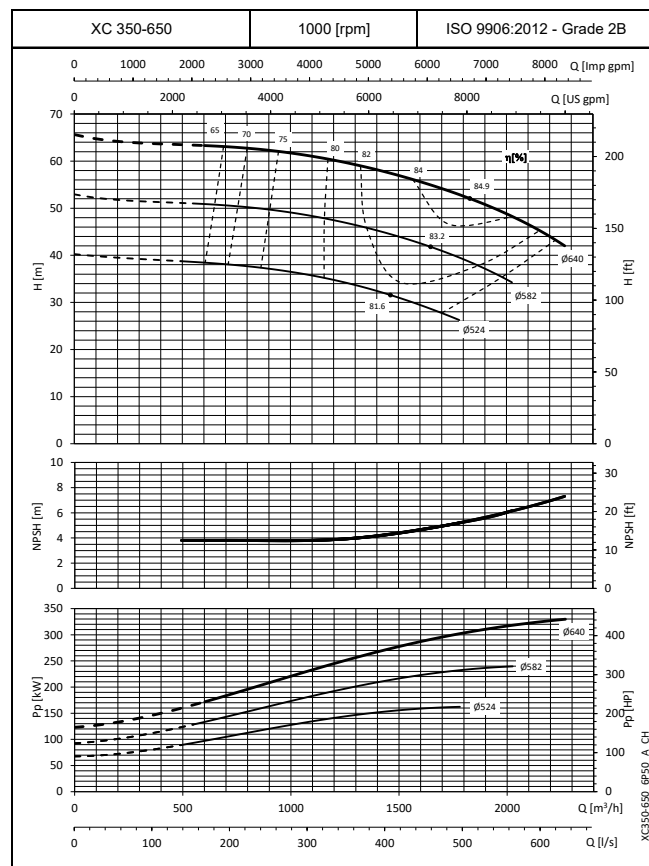
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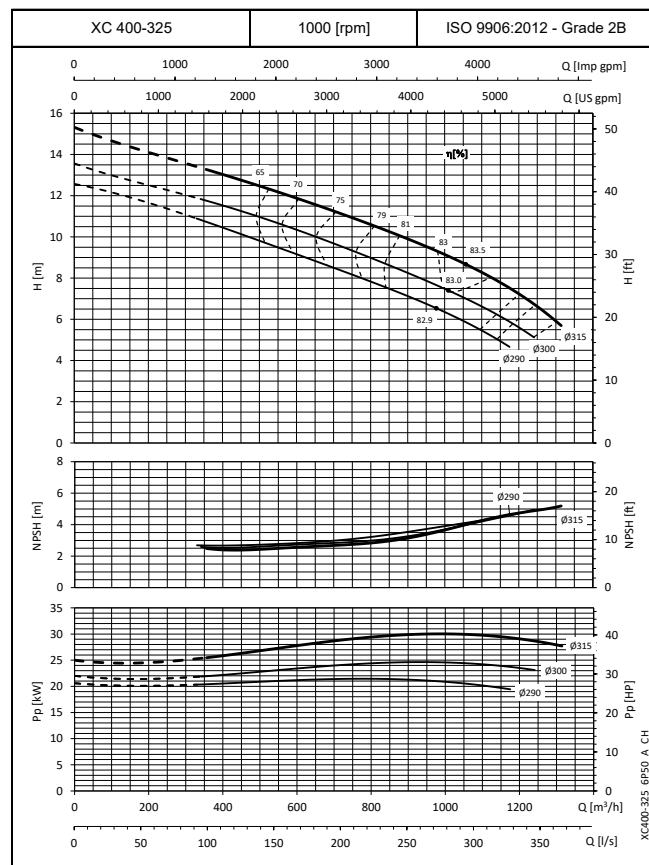
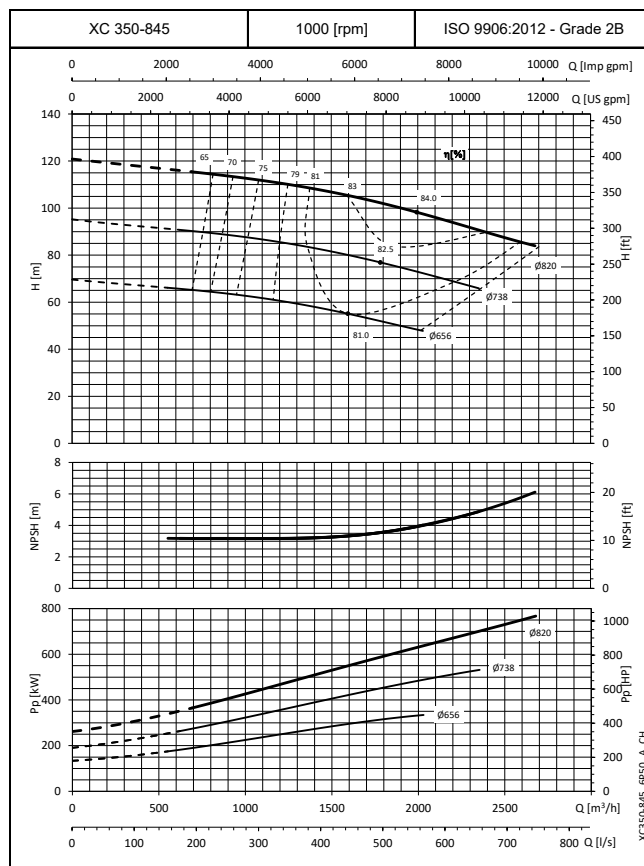
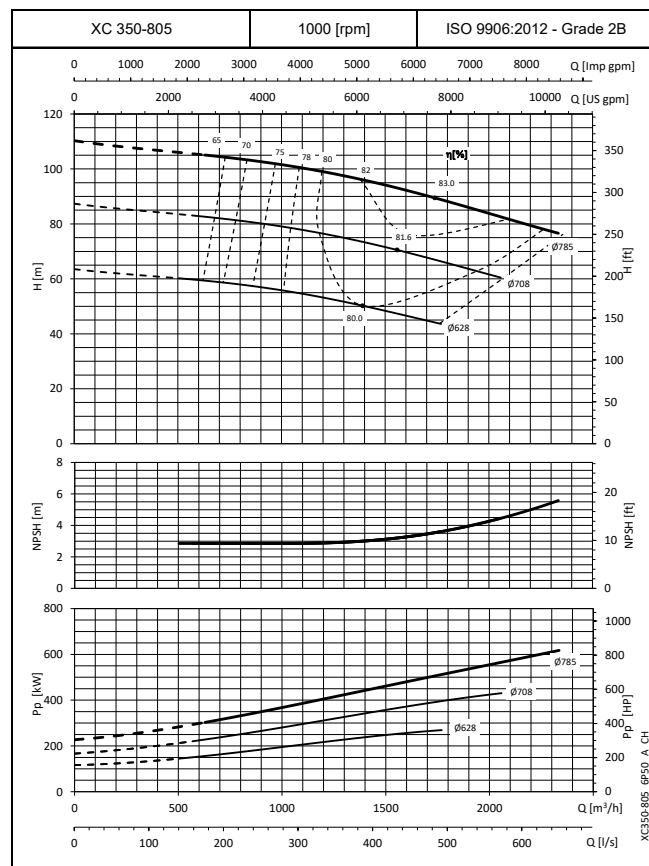
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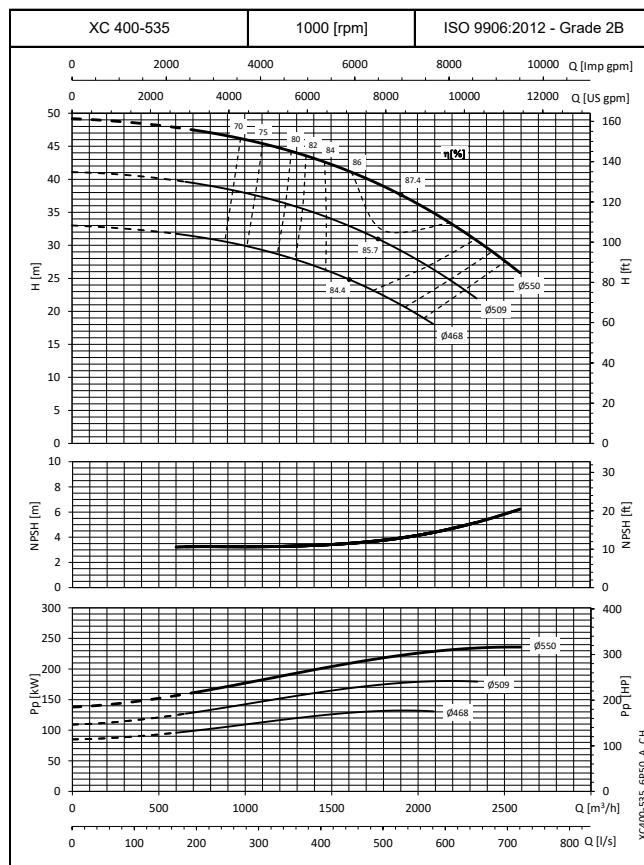
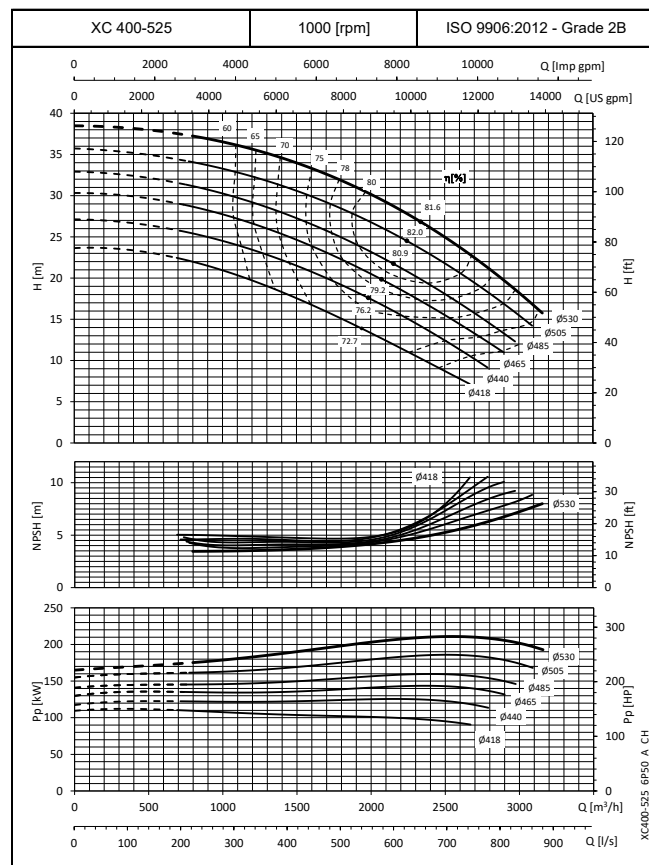
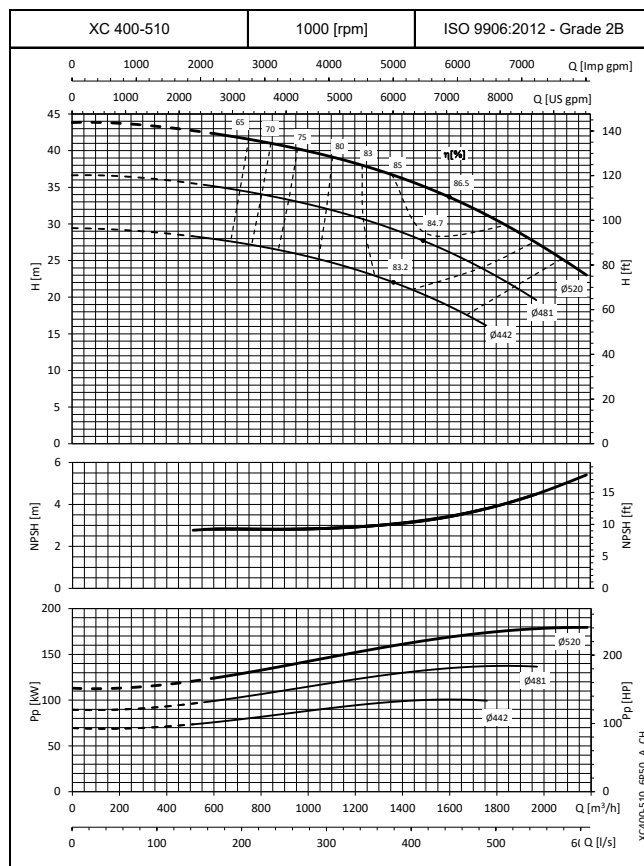
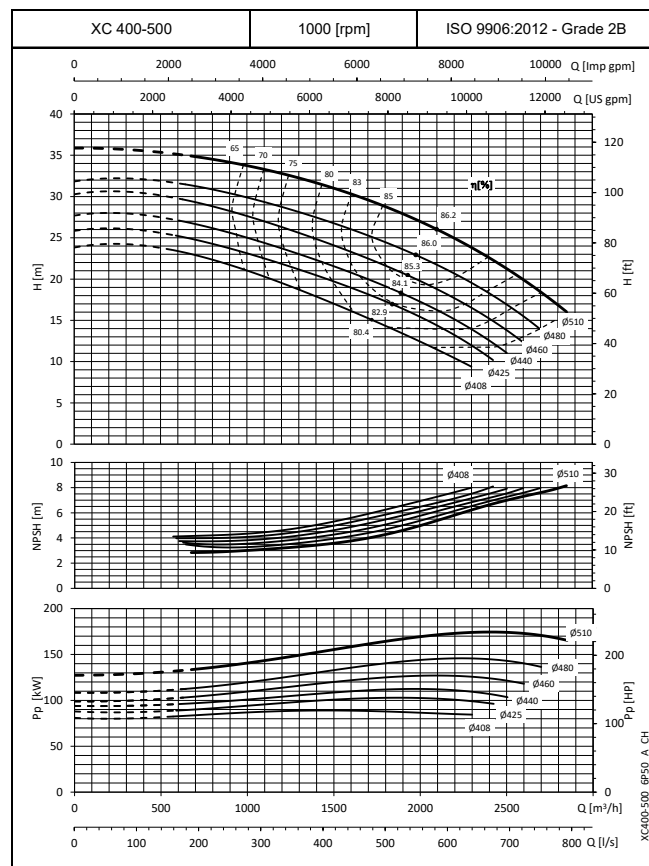
e-XC SERIES

OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



e-XC SERIES

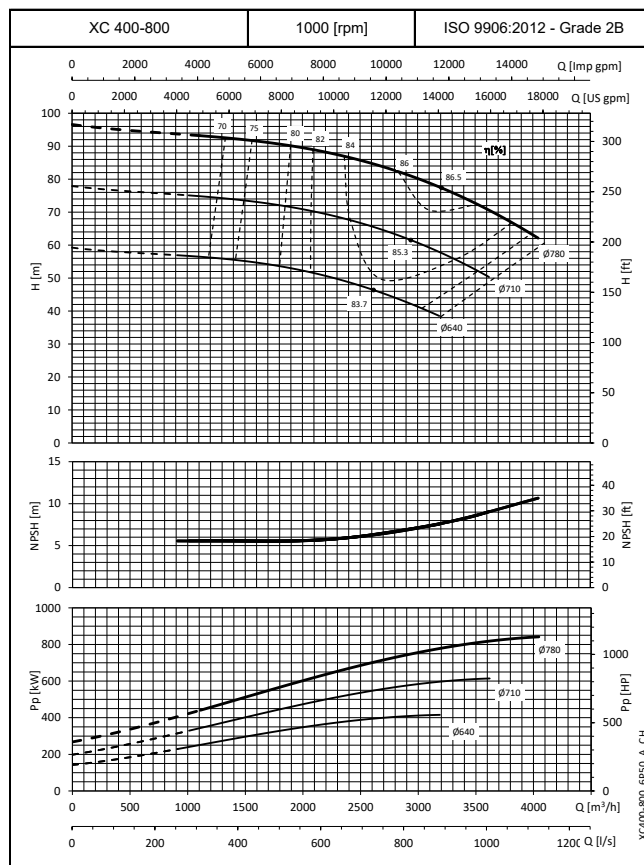
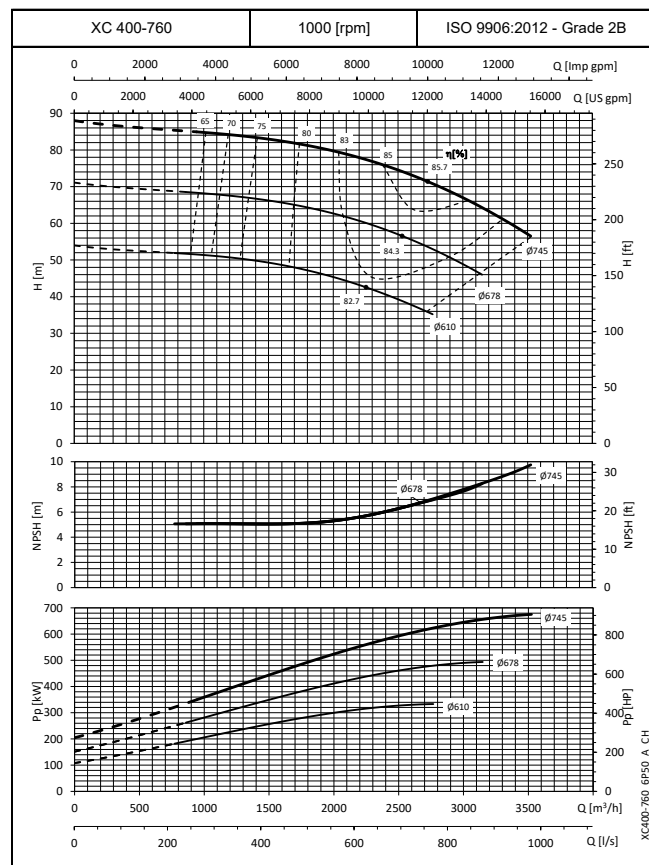
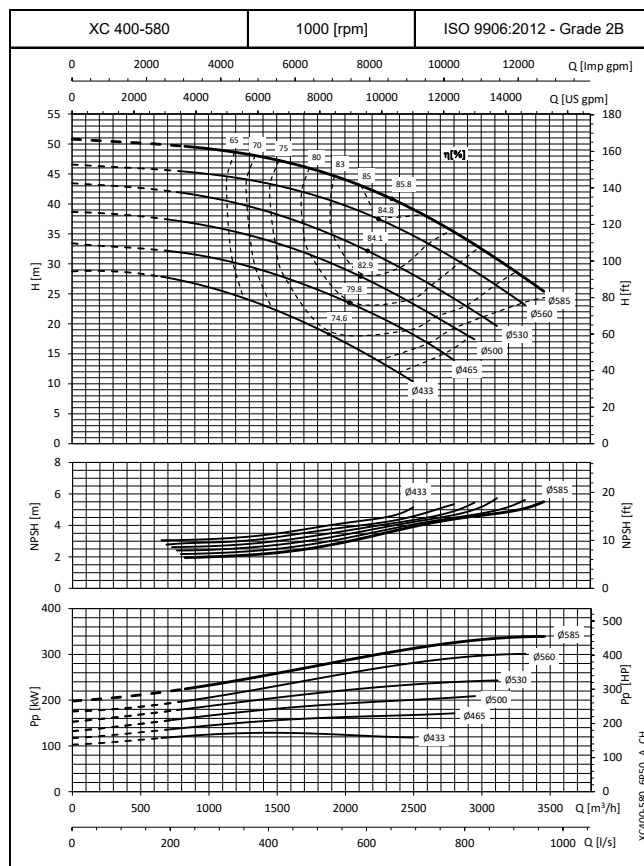
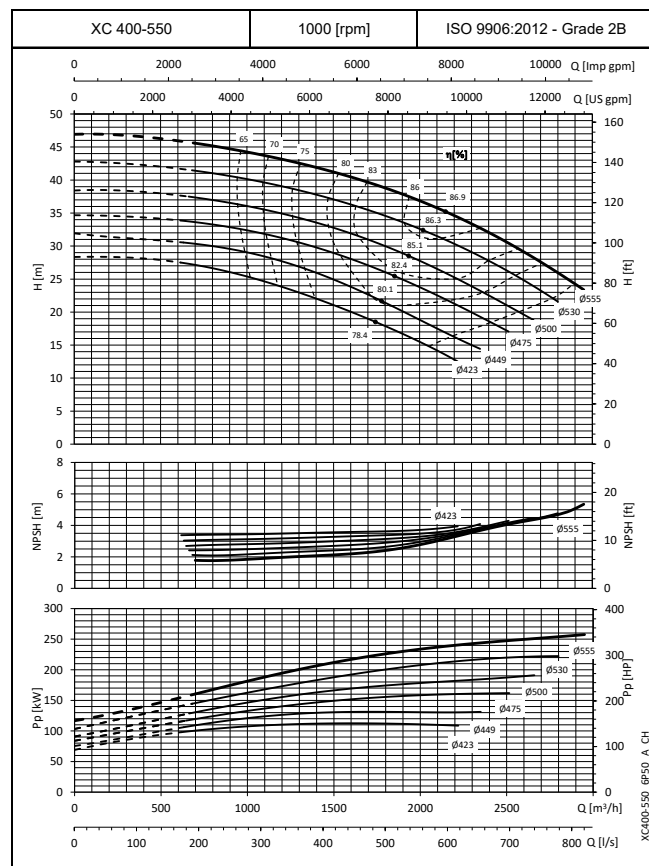
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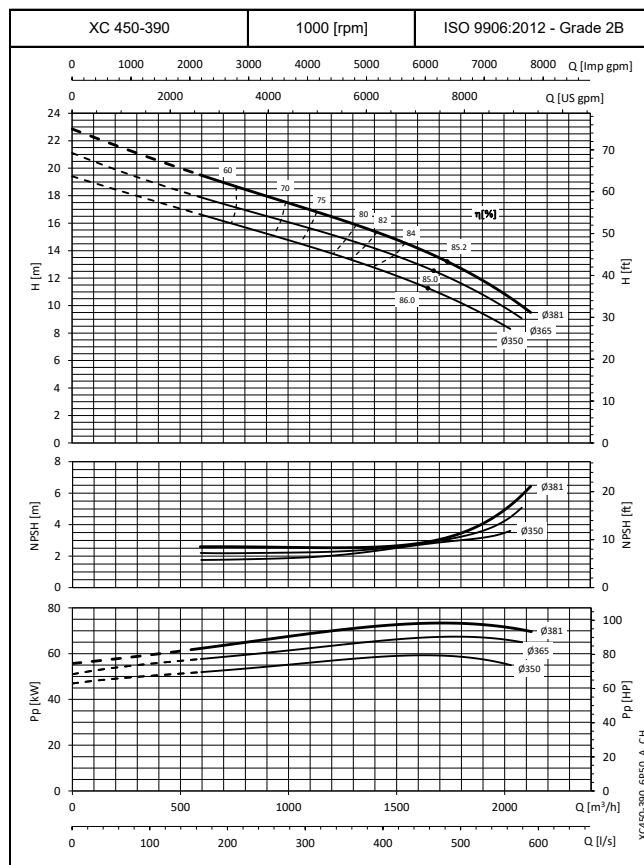
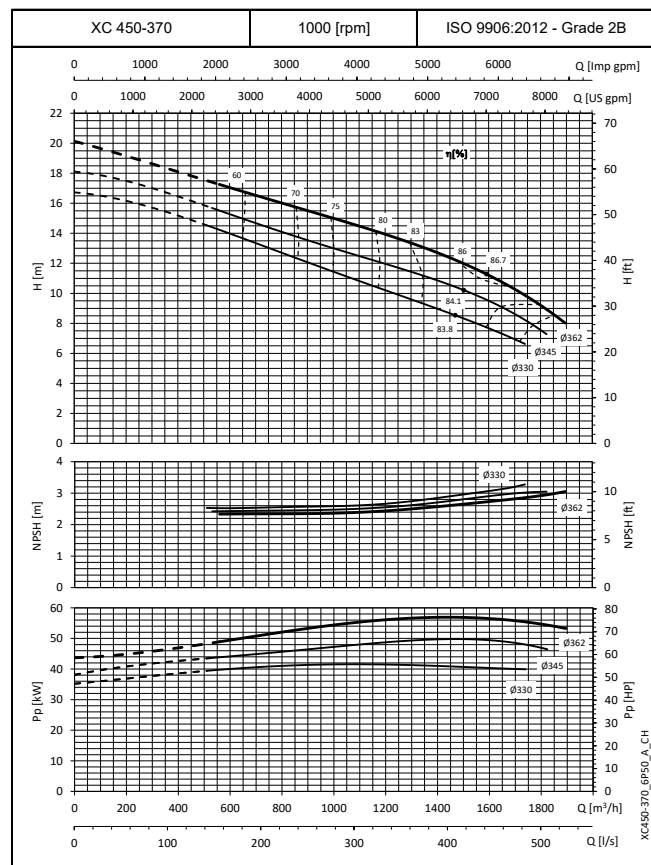
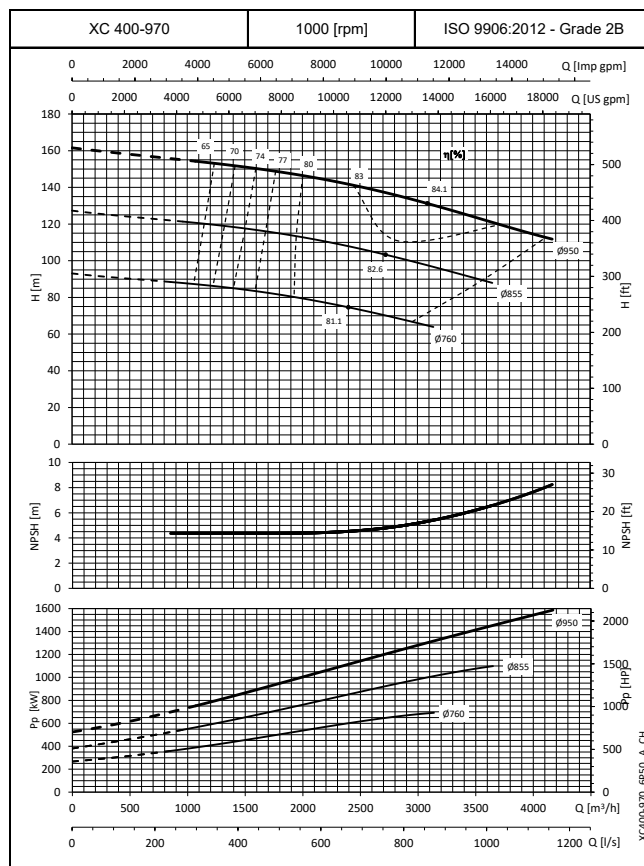
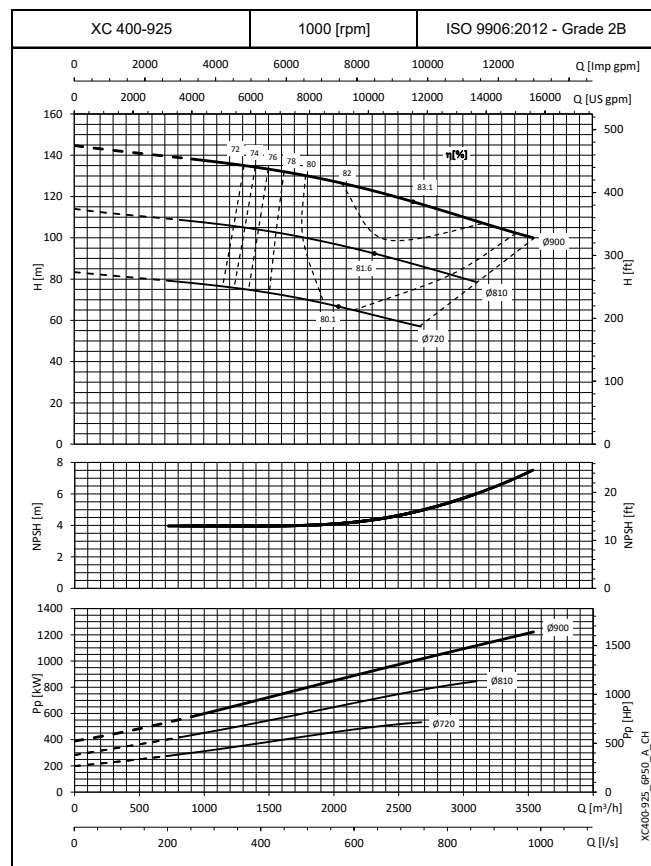
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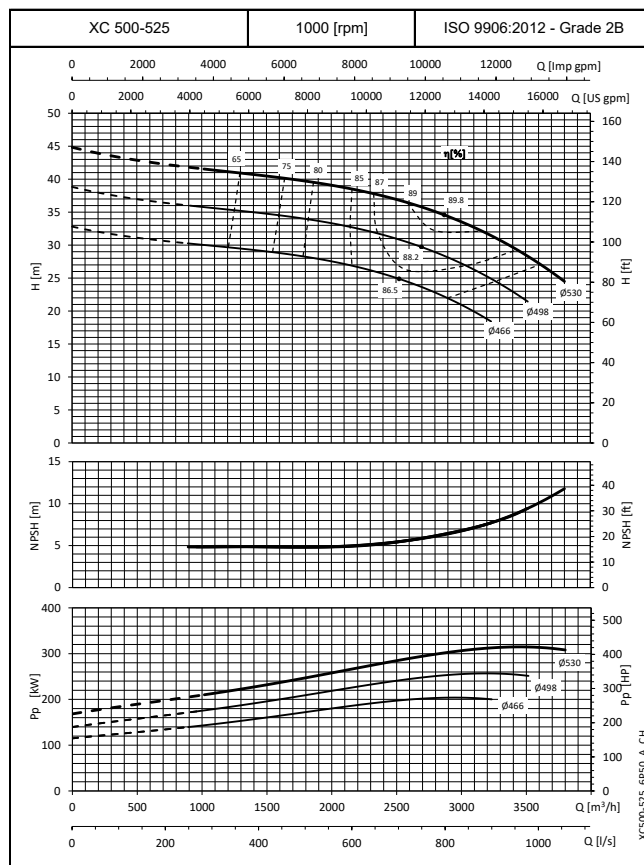
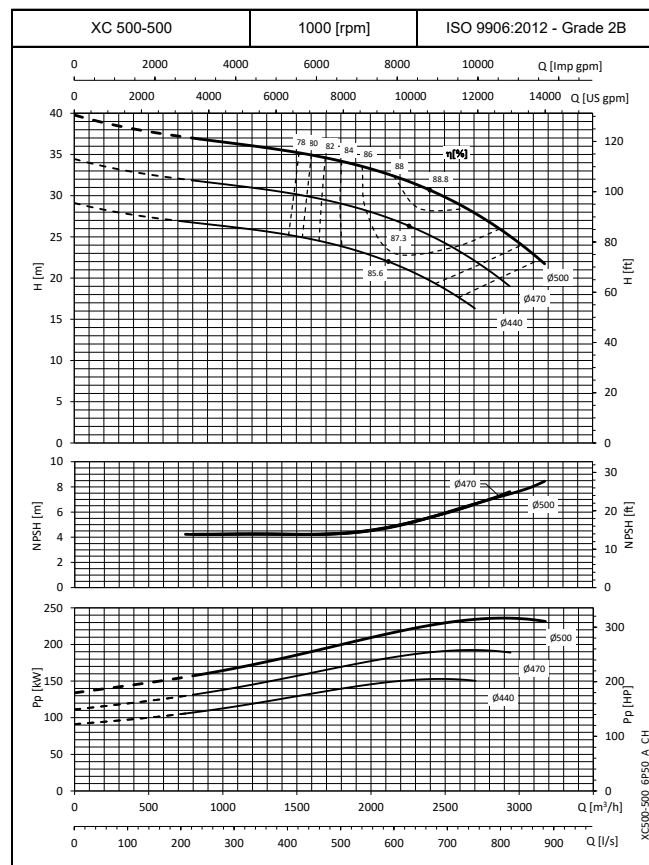
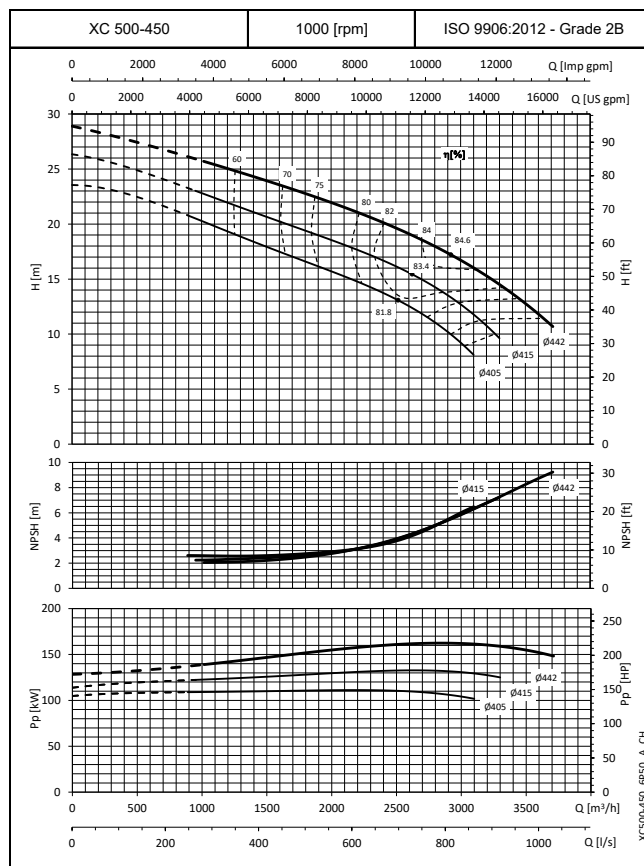
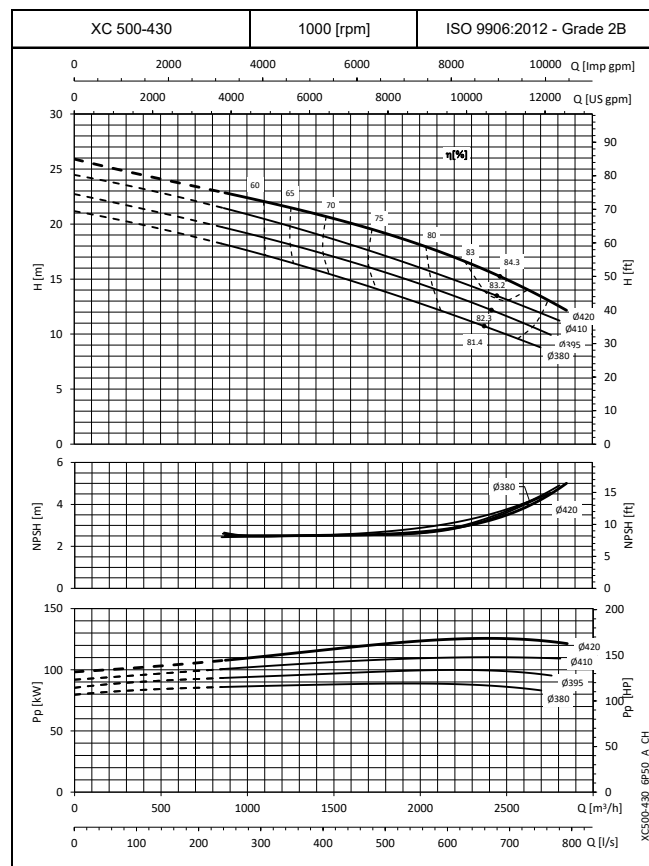
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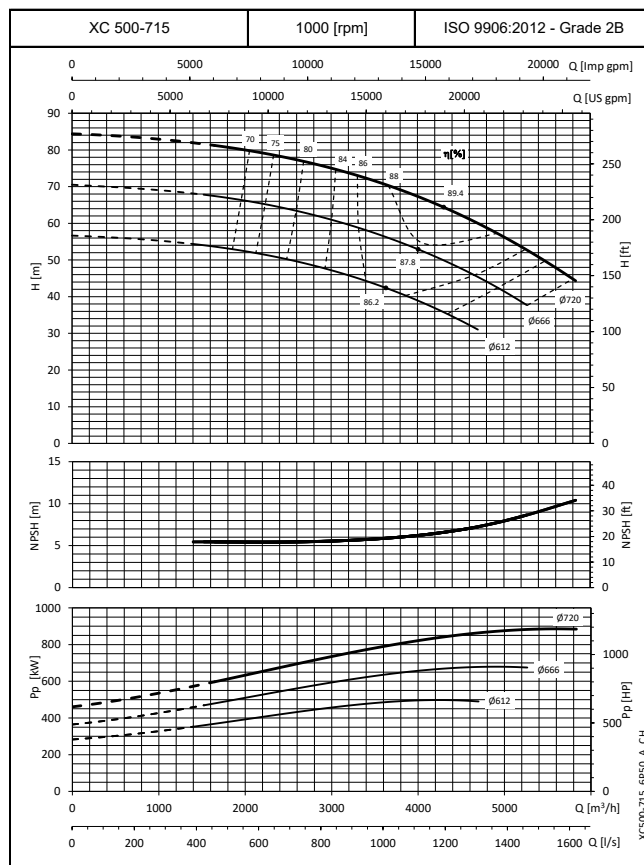
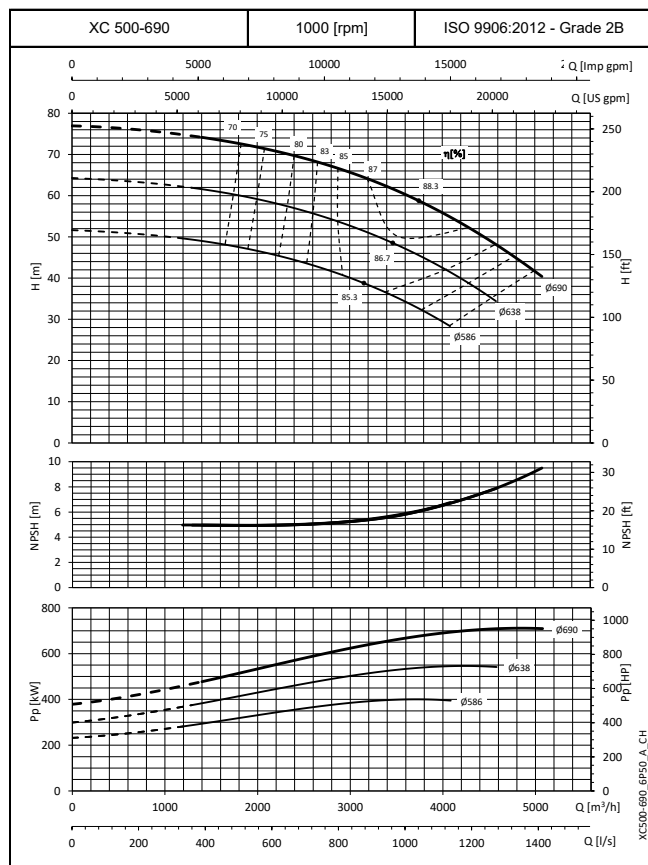
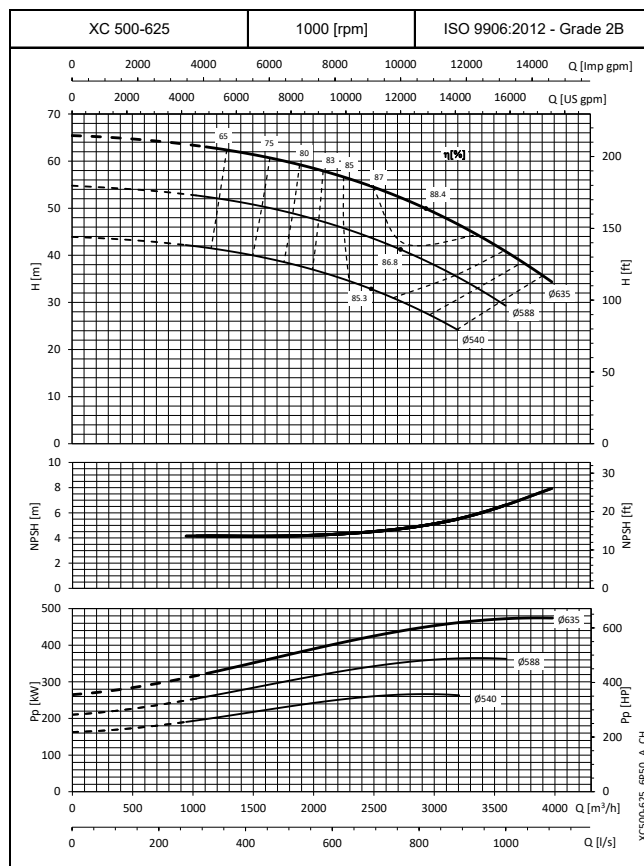
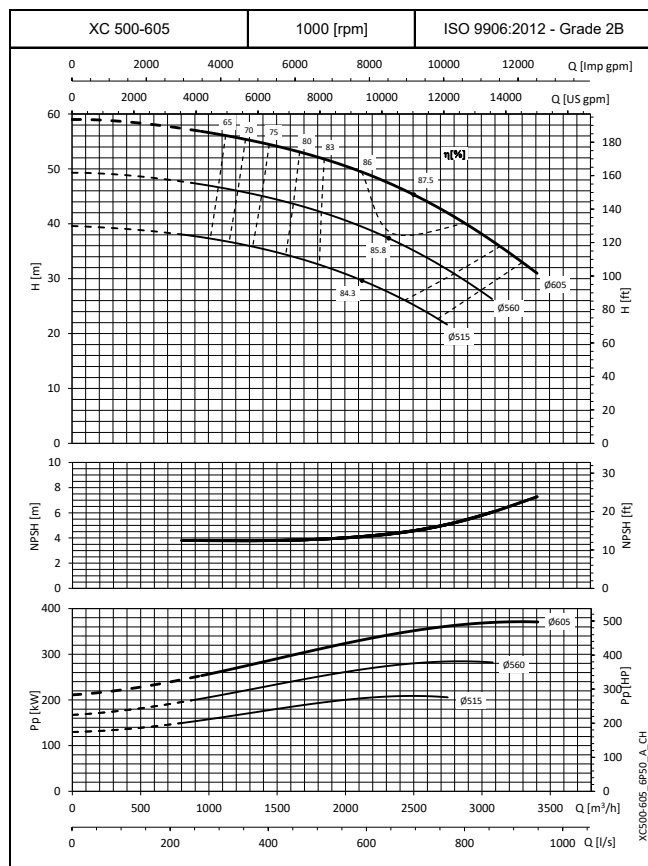
e-XC SERIES

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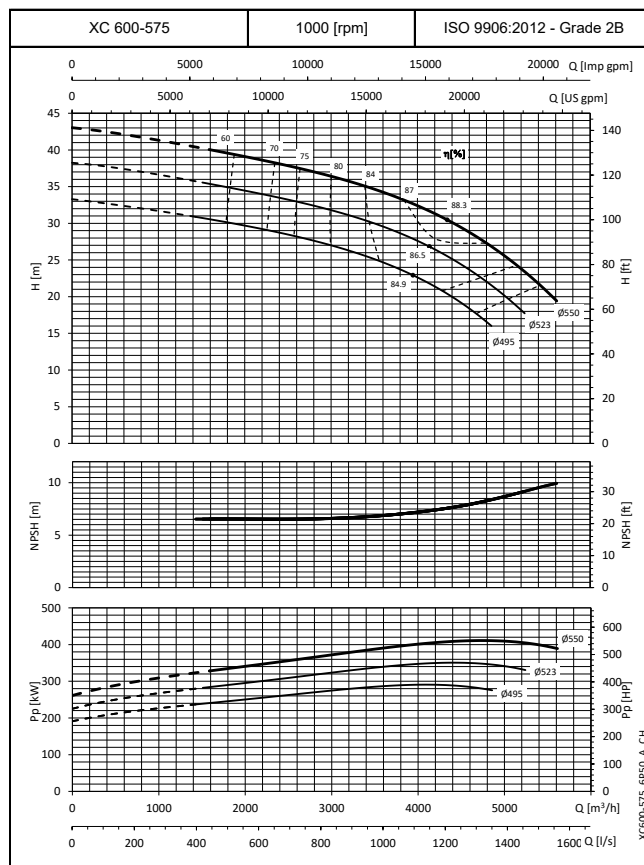
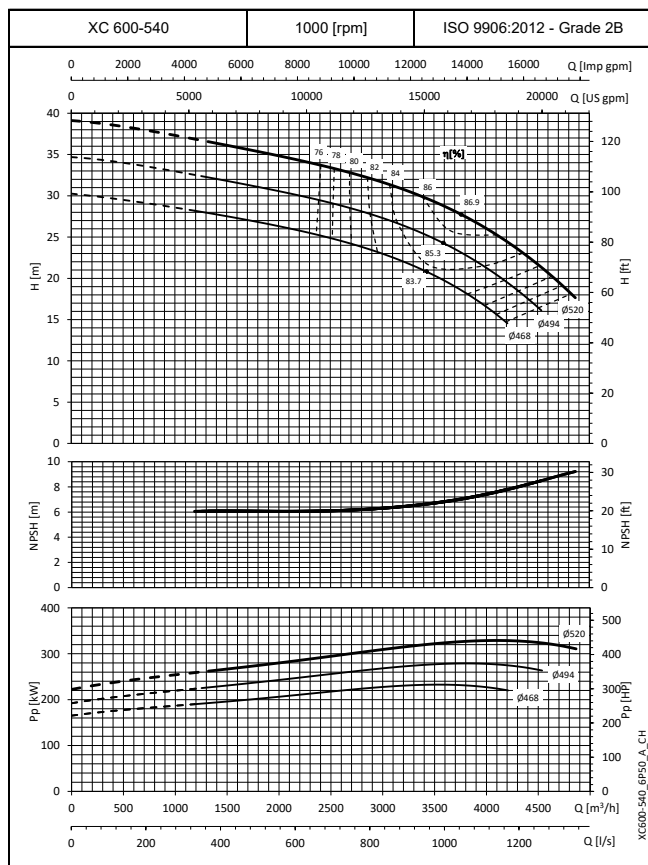
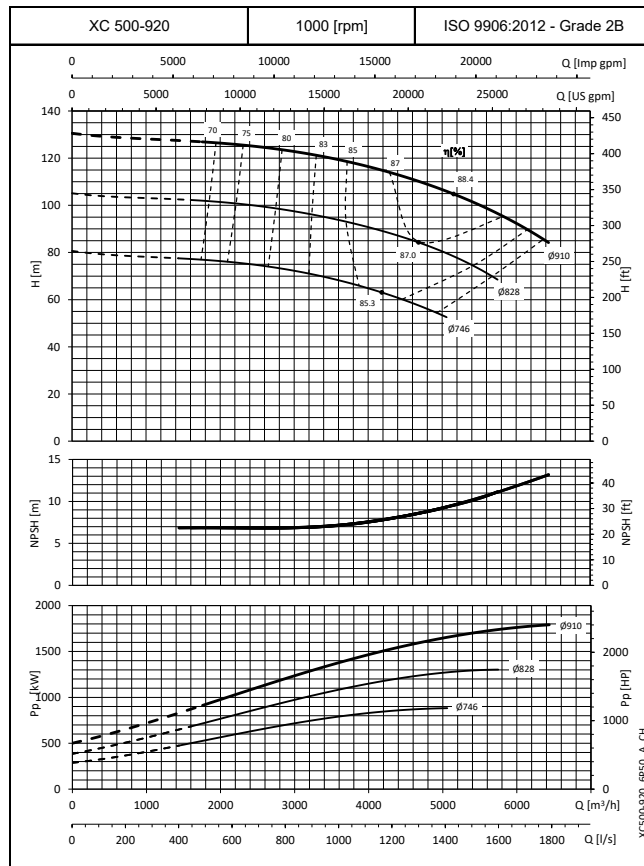
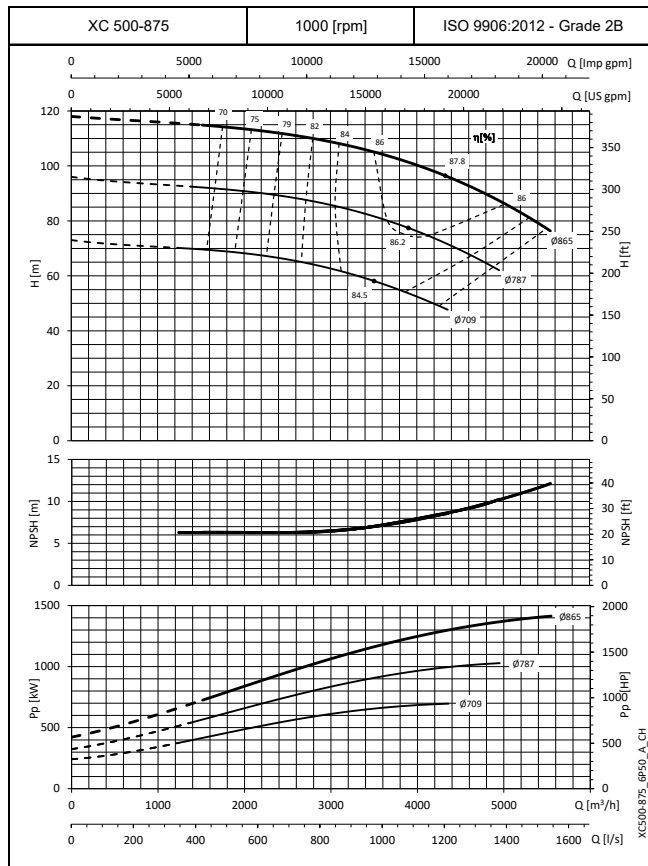
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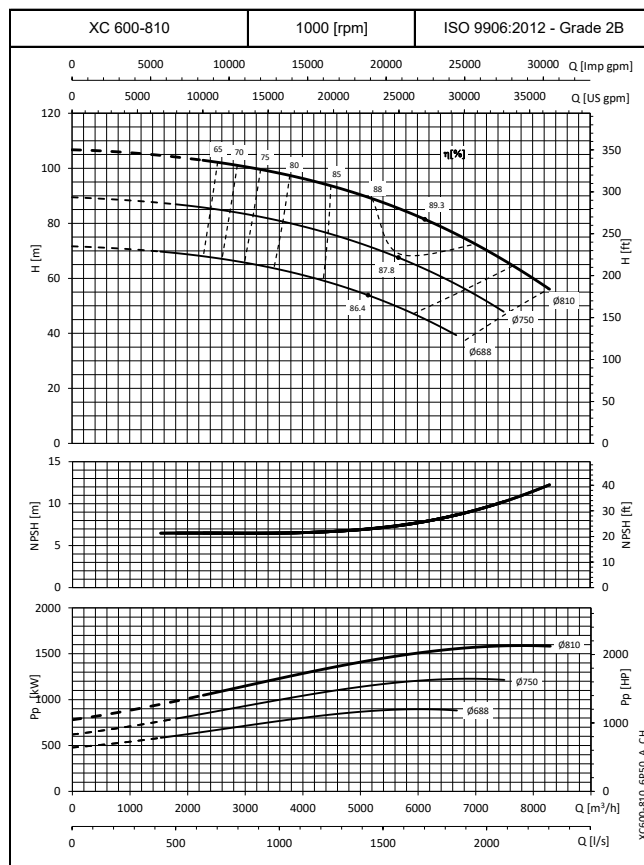
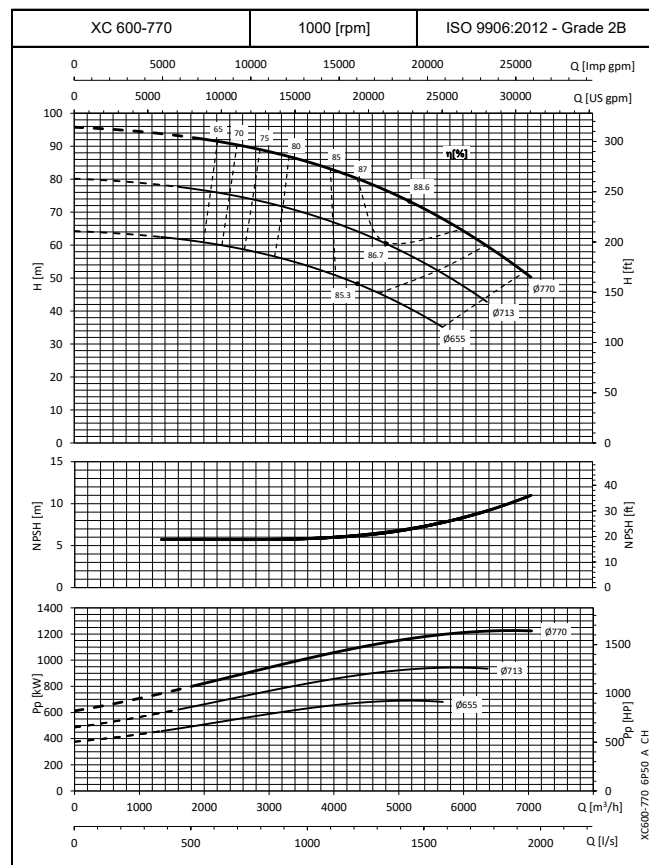
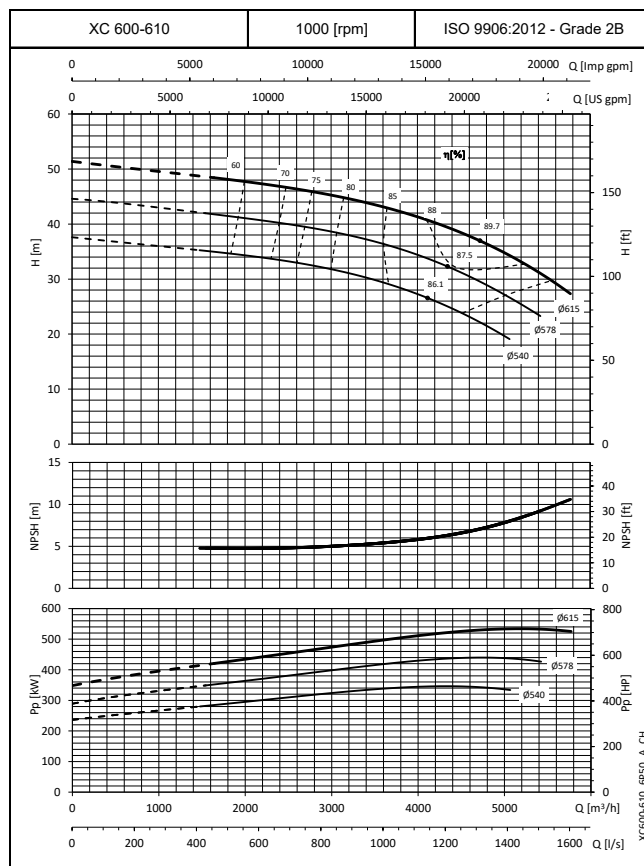
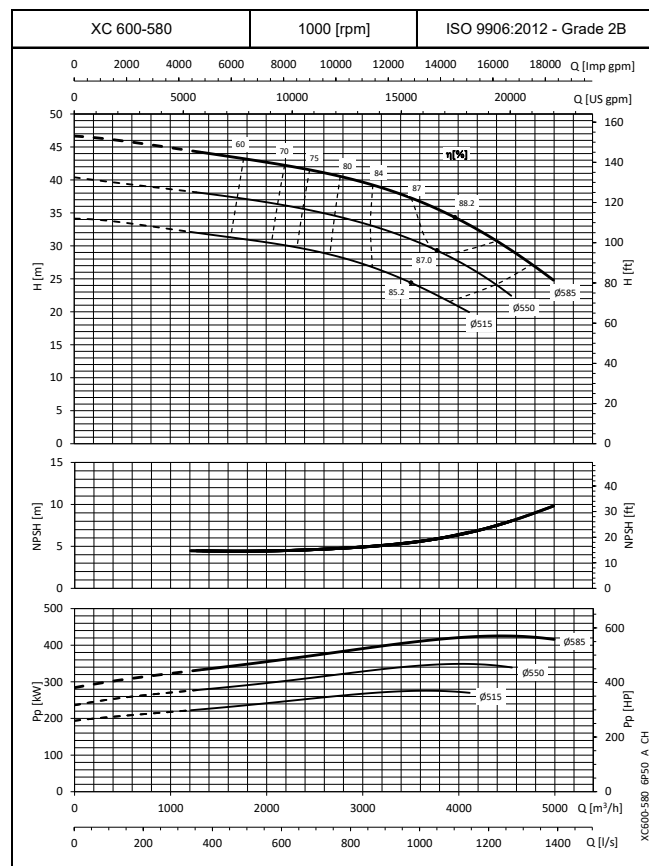
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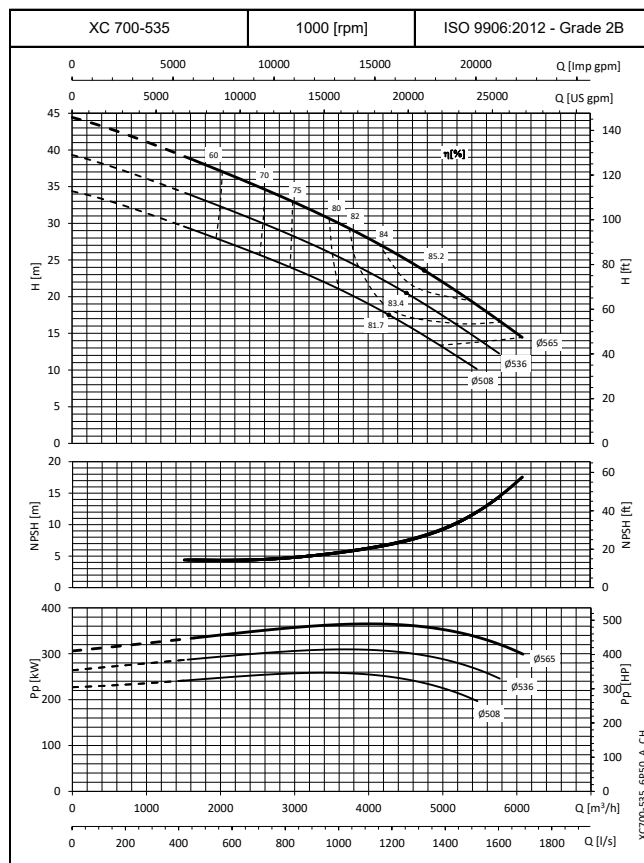
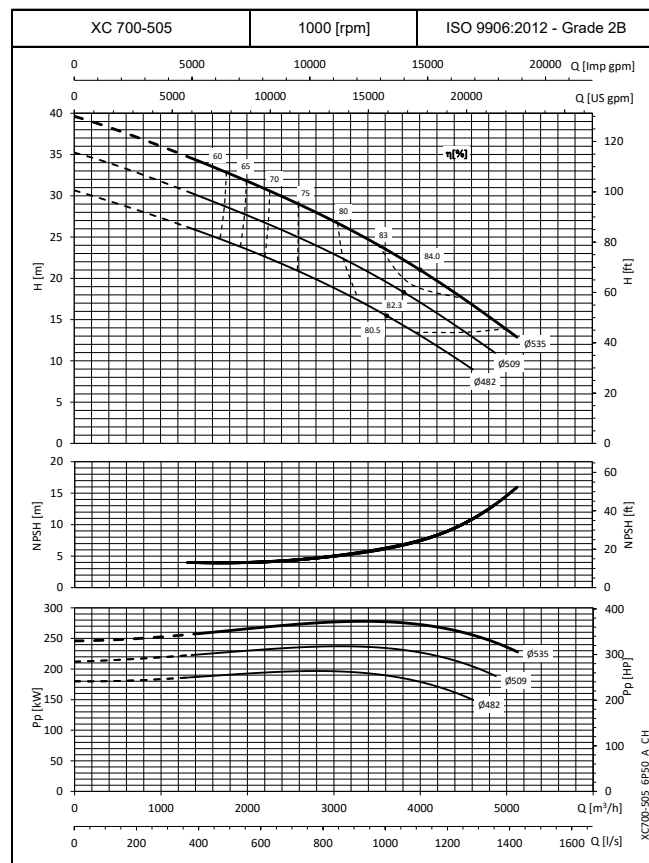
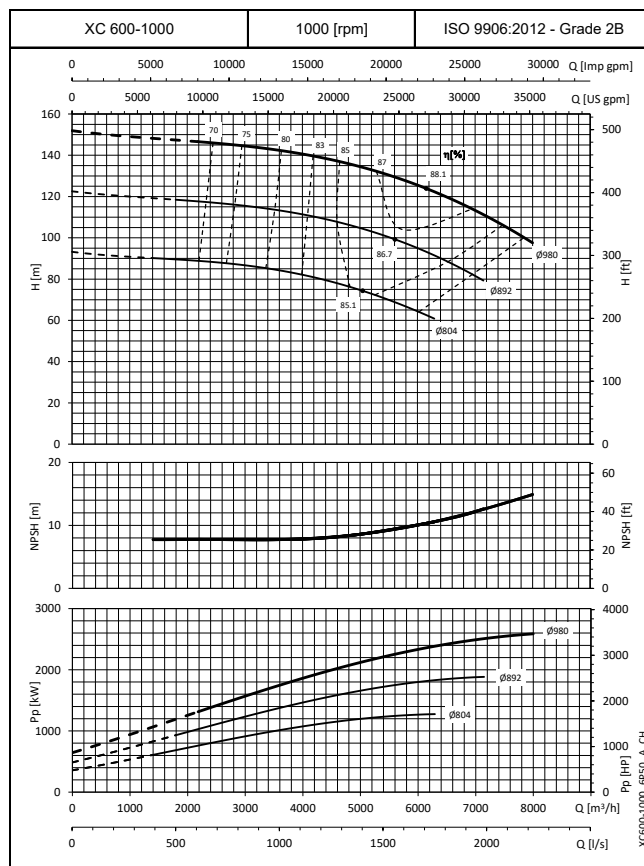
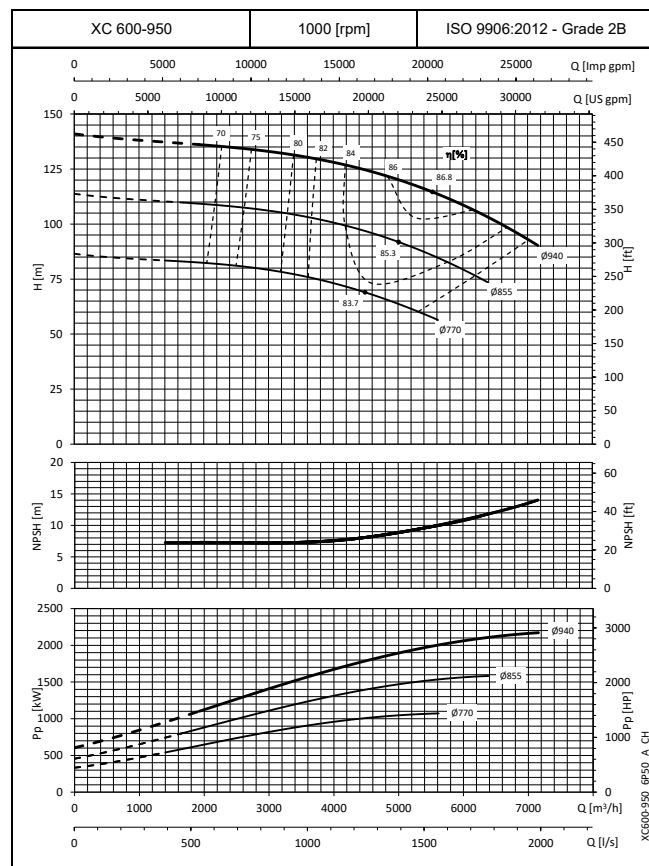
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e-XC SERIES

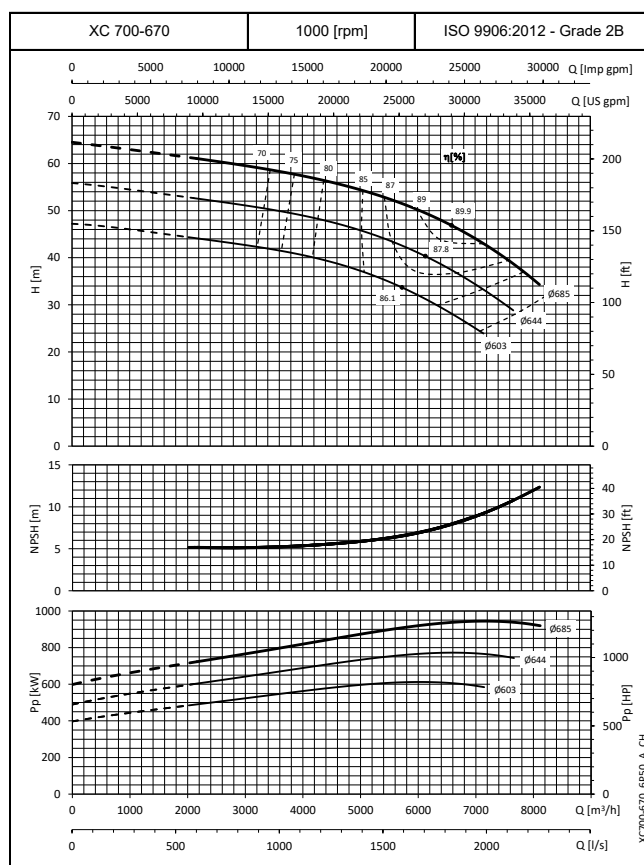
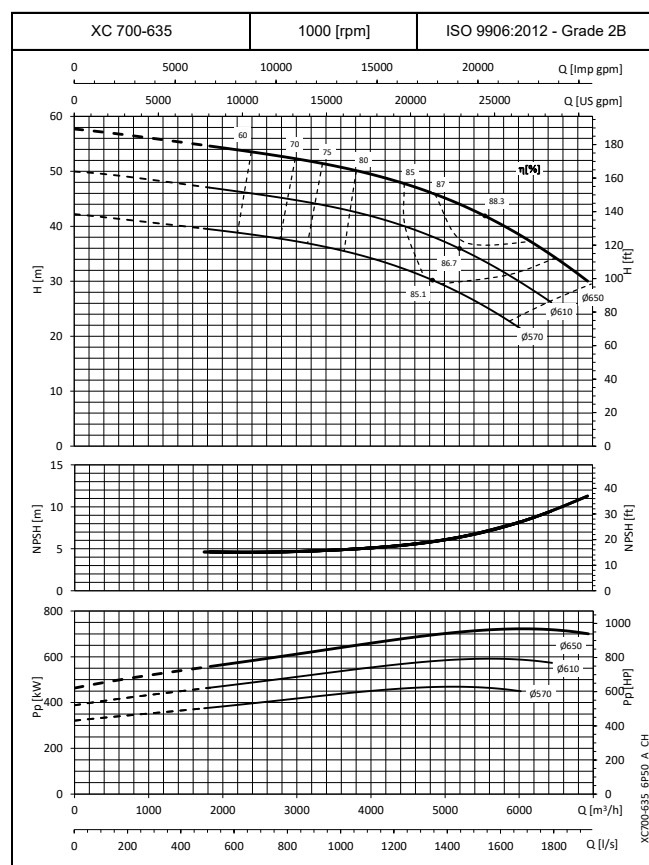
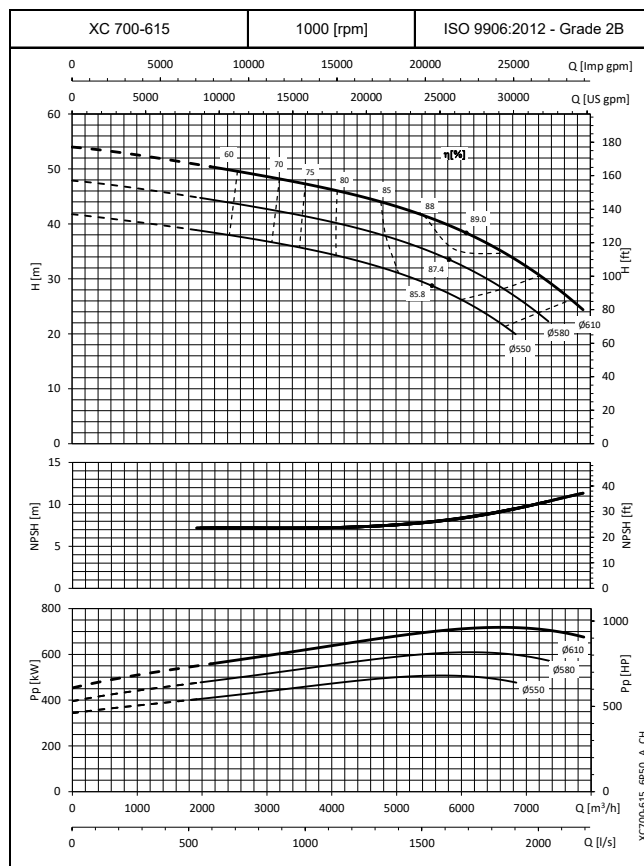
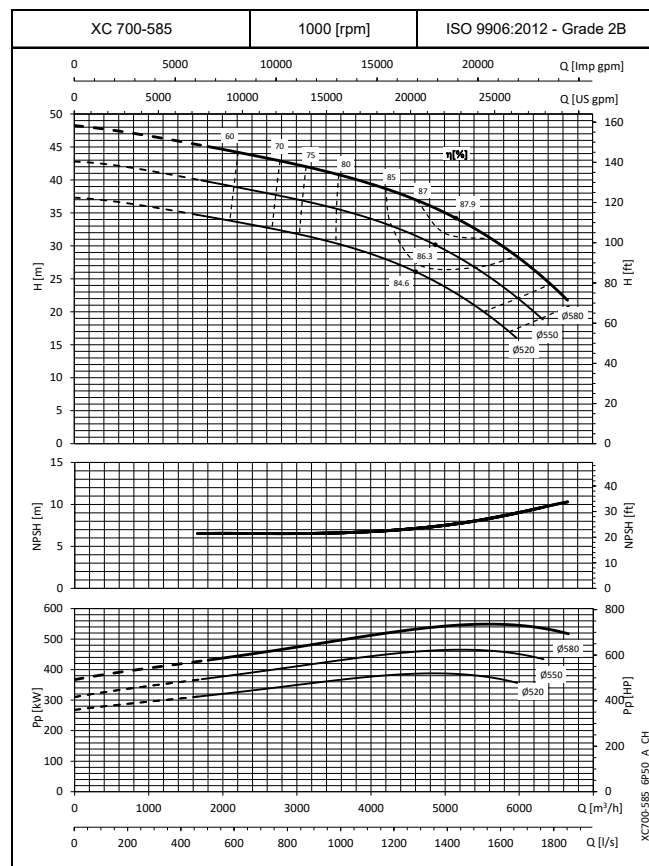
OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

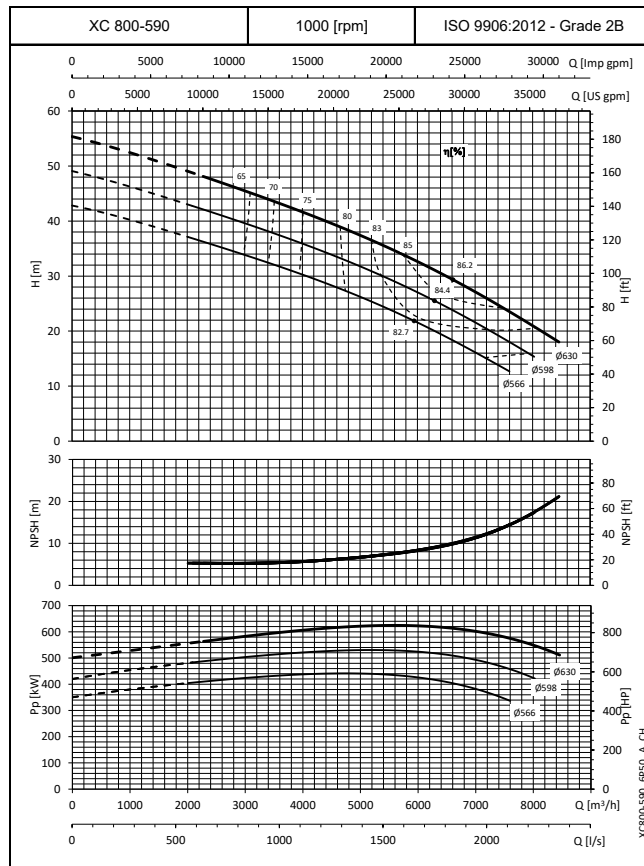
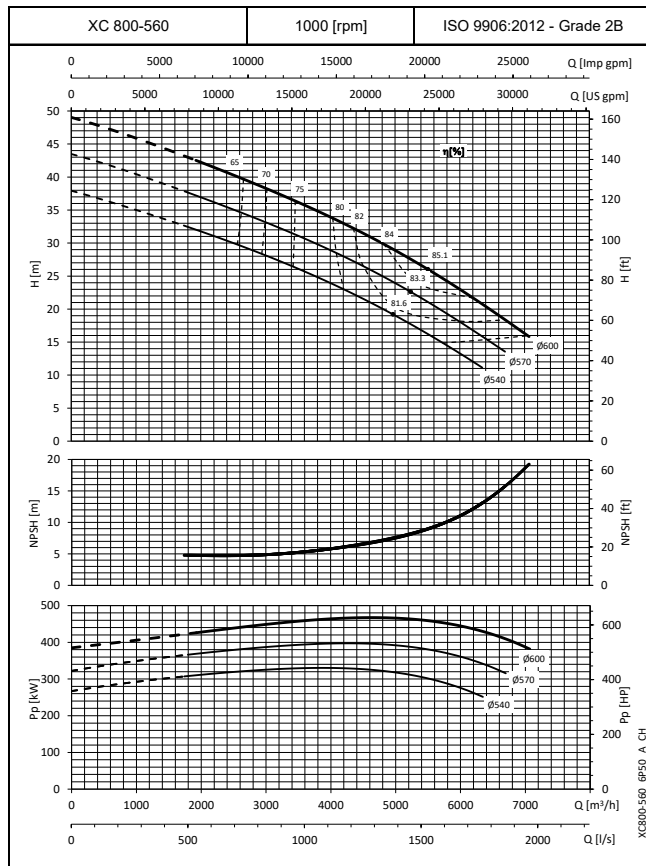
OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

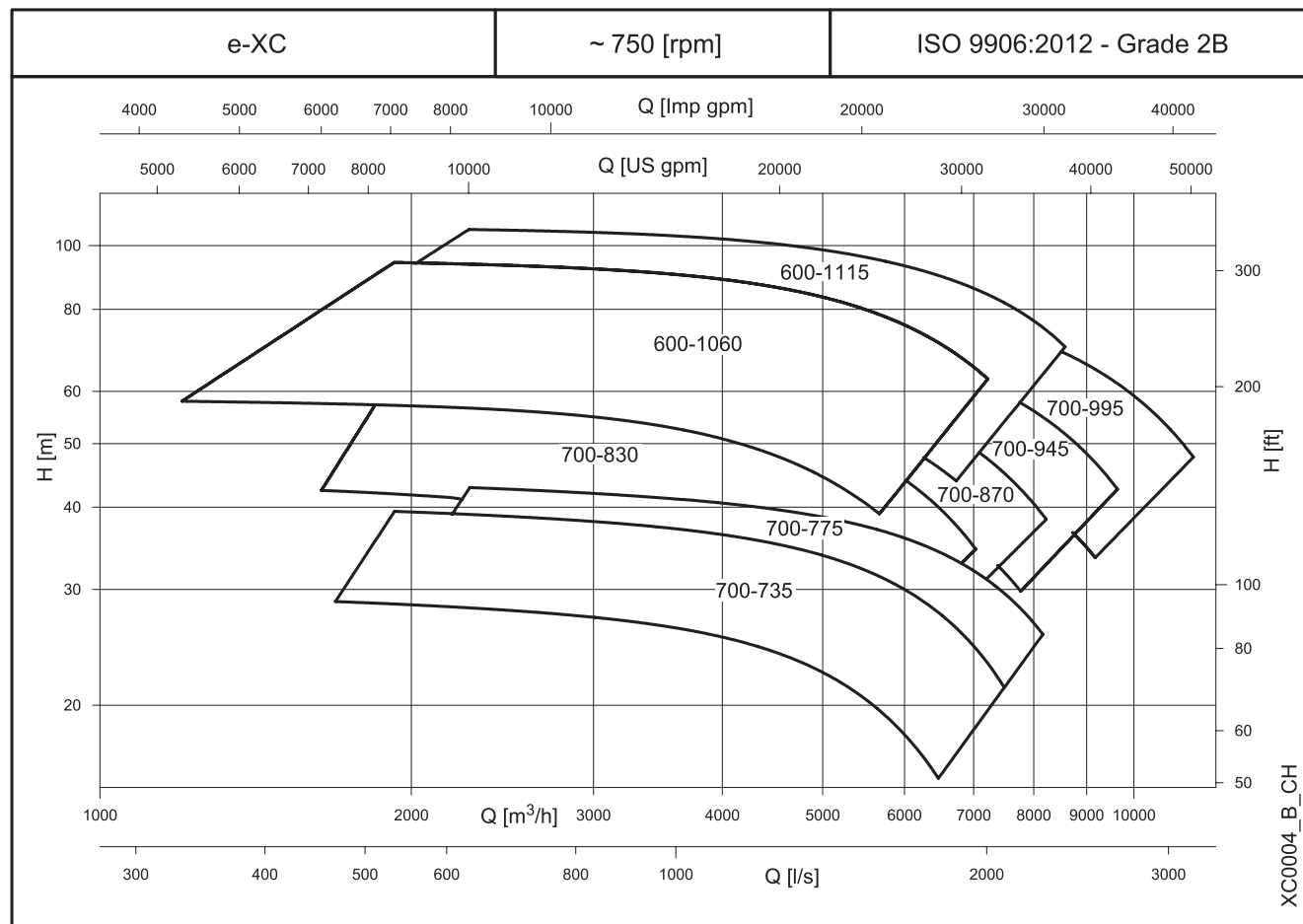
OPERATING CHARACTERISTICS AT 50 Hz, 6 POLES



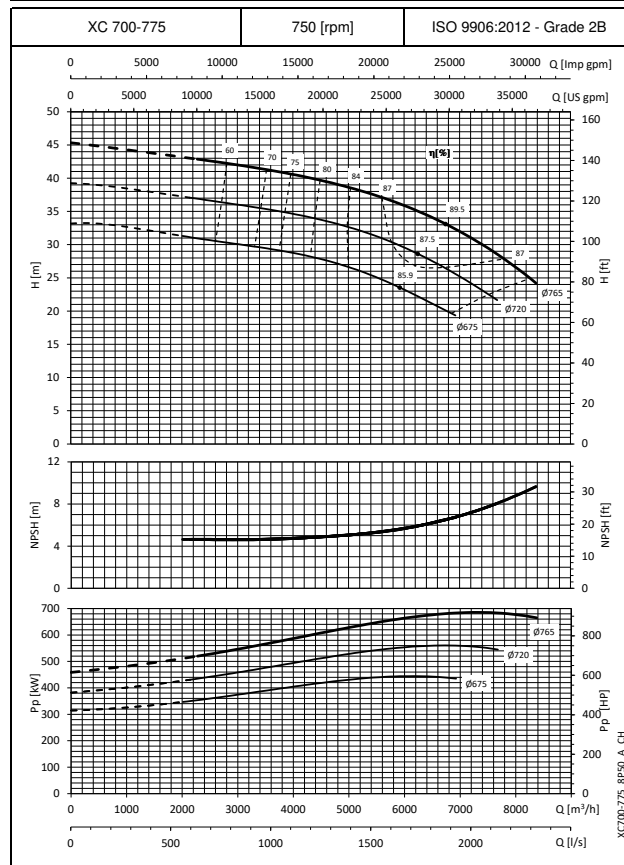
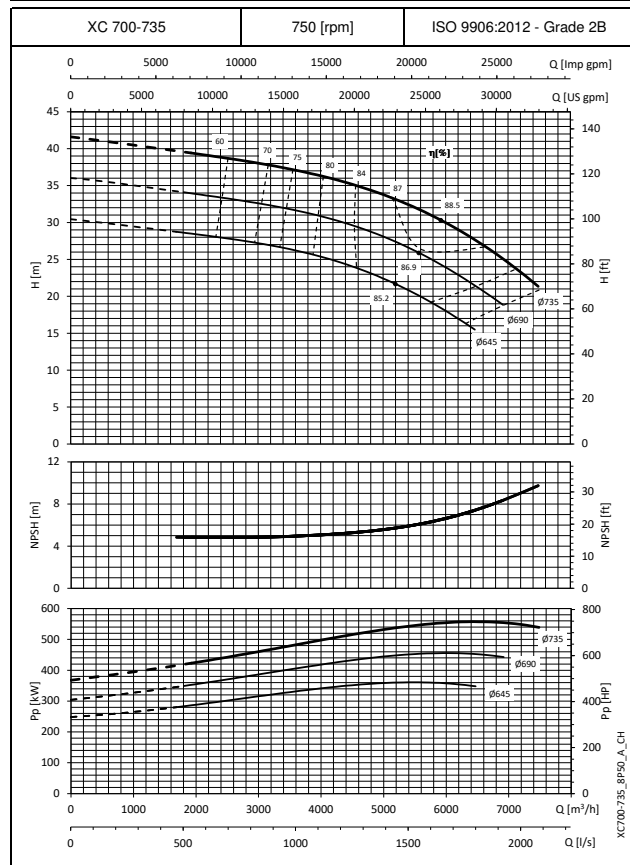
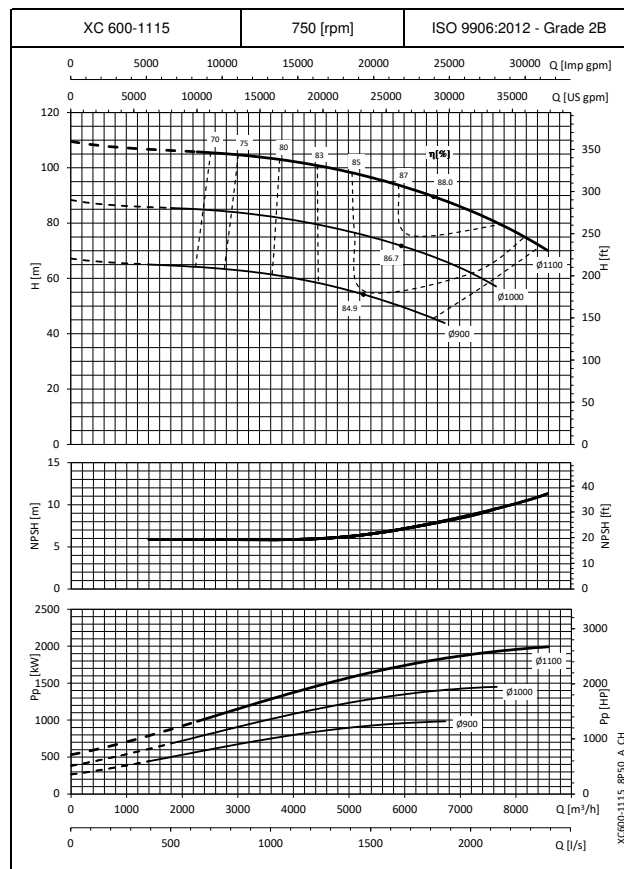
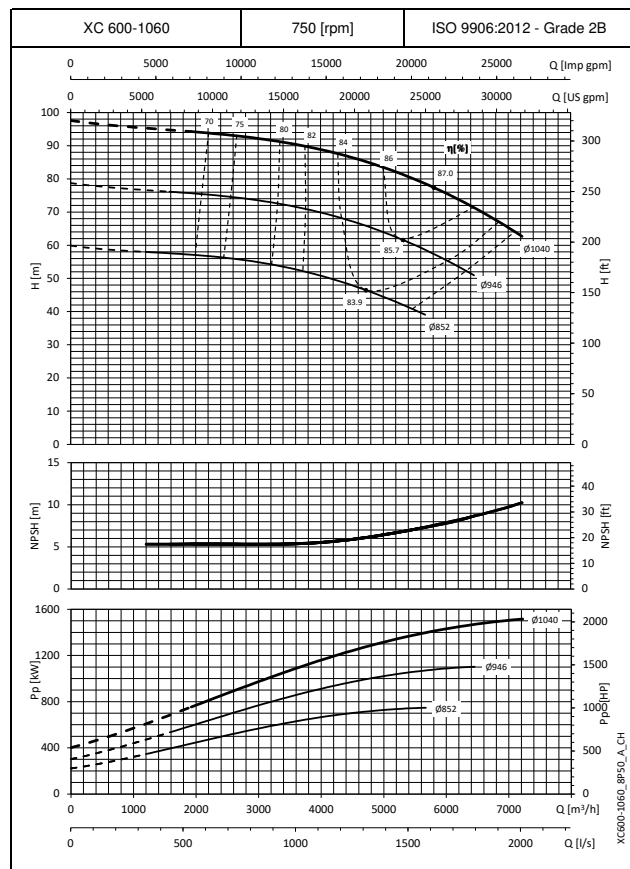
The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES

HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 8 POLES

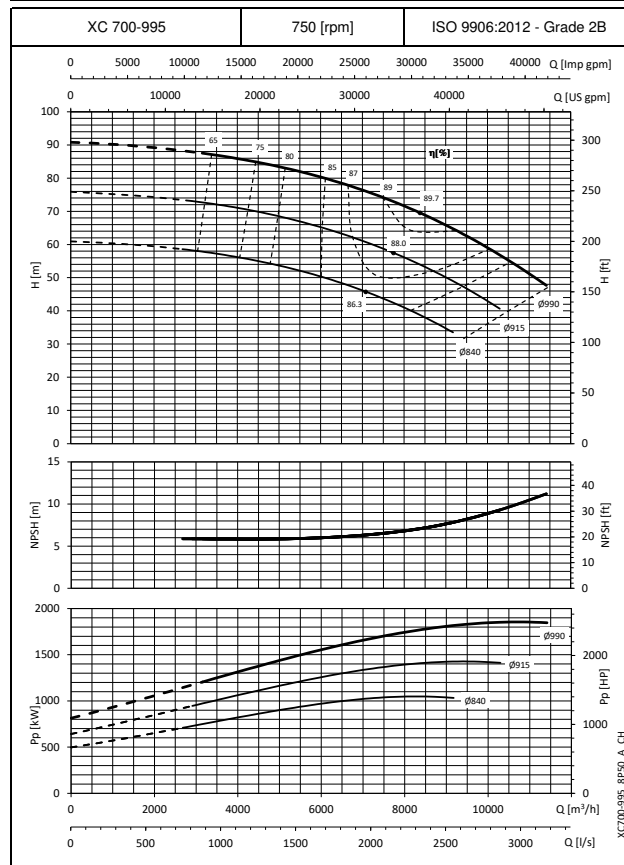
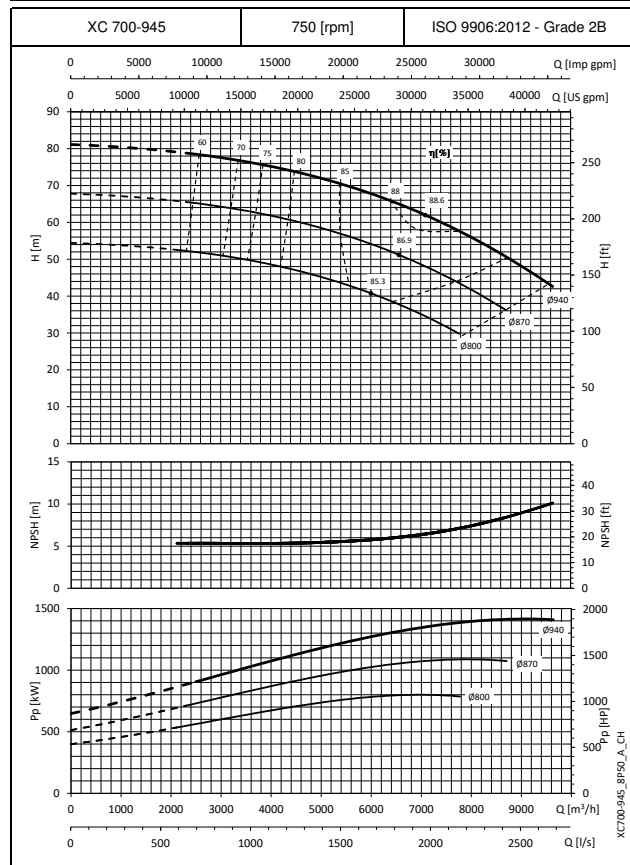
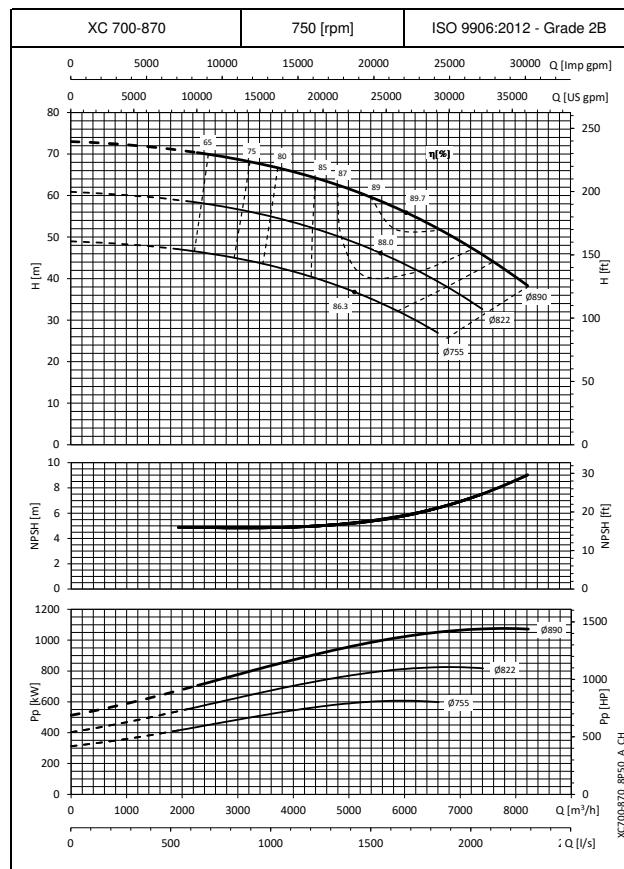
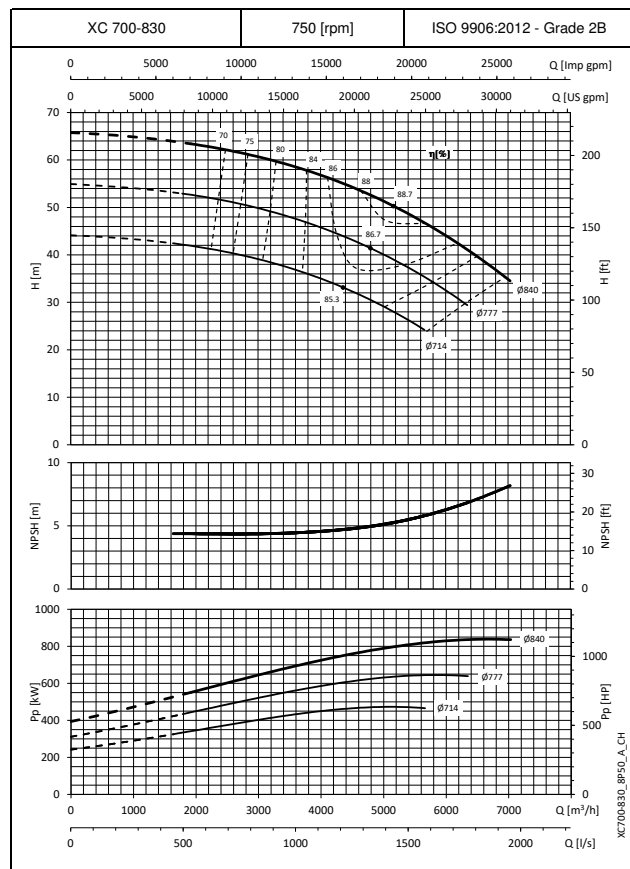


e-XC SERIES OPERATING CHARACTERISTICS AT 50 Hz, 8 POLES



The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

e-XC SERIES OPERATING CHARACTERISTICS AT 50 Hz, 8 POLES

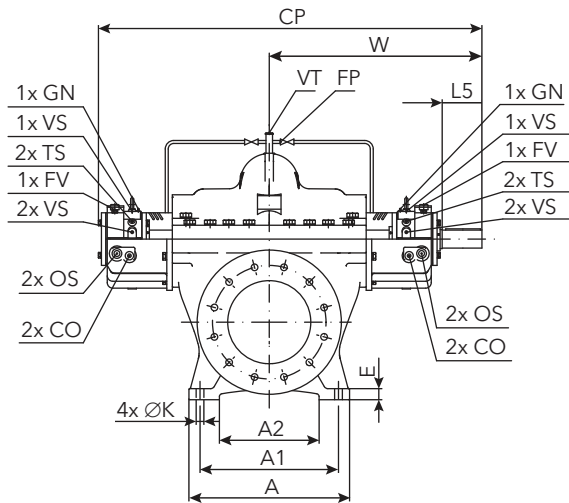


The NPSH values are laboratory values; for practical use we suggest increasing these values by 0,5 m.
These performances are valid for liquids with density $\rho = 1,0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

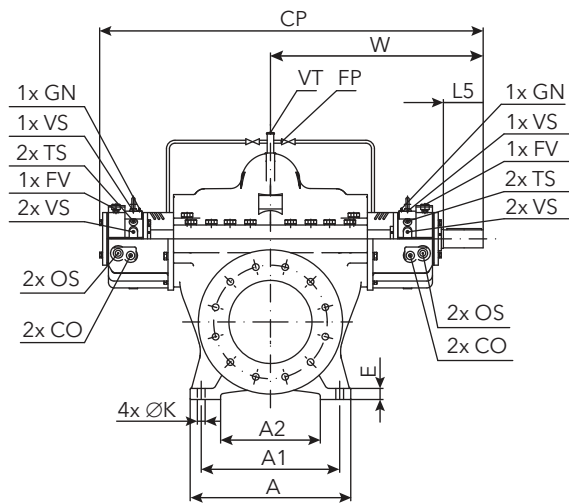
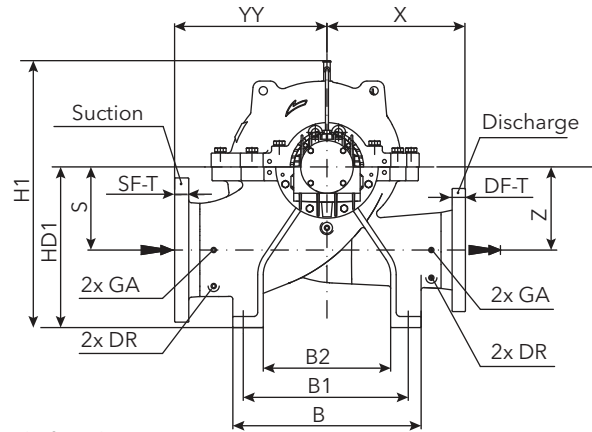
DIMENSIONS AND WEIGHTS

e-XC SERIES

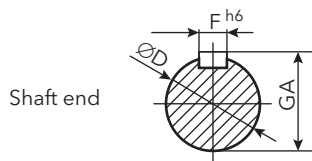
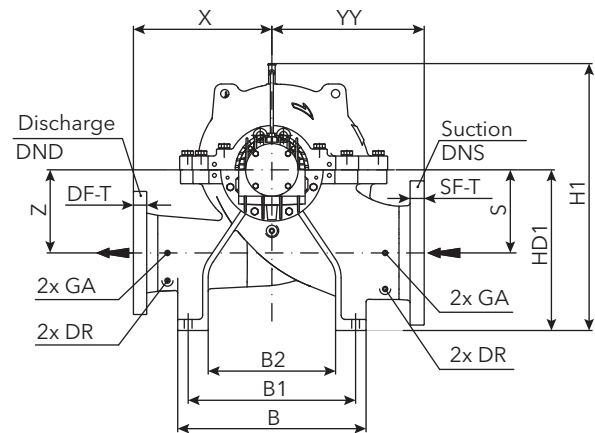
DIMENSIONS AND WEIGHTS , PEO (Pump end only)



Rotation: CW View from Shaft end to Pump



Rotation: CCW View from Shaft end to Pump



Shaft end

D	Clearance
35 to 45	k6
55 to 170	m6

eXC_PEO-en_b_DD

CODE	DESCRIPTION	TYPE
DR	Drain	Rp1/2
FP	Flush	Rp3/8
FV	Fill/Vent Cup	Rp3/8 standard
GA	Gauge Connection	Rp1/2
GN	Grease Nipple	M10x1 standard
TS	Temperature Sensor	M10x1
VT	Vent	Rp1/2
VS	Vibration Sensor	M10x1
CO	Constant Level Oiler	Rp1/4 optional
OS	Oil Sight Glass	Rp1/2 optional

e-XC SERIES

DIMENSIONS AND WEIGHTS, PEO

PUMP TYPE	DIMENSIONS [mm]																				SHAFT			WEIGHT [kg]
	PUMP																							
	eXC Size	DNS	DND	A	A1	A2	B	B1	B2	CP	E	W	H1	HD1	K	L5	X	YY	S	Z	D	GA	F	
80-205	125	80	350	300	210	350	300	210	996	30	543	575	320	18,5	80	300	300	160	160	35	38	10	230	
80-215	125	80	350	300	210	350	300	210	996	30	543	575	320	18,5	80	300	300	160	160	35	38	10	230	
80-270	125	80	350	300	210	350	300	210	996	30	543	600	320	18,5	80	300	350	160	160	35	38	10	300	
80-285	125	80	350	300	210	350	300	210	996	30	543	600	320	18,5	80	300	350	160	160	35	38	10	300	
80-300	125	80	350	300	210	350	300	210	996	30	543	675	370	18,5	80	300	370	210	210	35	38	10	300	
80-315	125	80	350	300	210	350	300	210	996	30	543	675	370	18,5	80	300	370	210	210	35	38	10	300	
80-330	125	80	350	300	210	350	300	210	996	30	543	620	320	18,5	80	350	380	160	160	35	38	10	295	
80-345	125	80	350	300	210	350	300	210	996	30	543	620	320	18,5	80	350	380	160	160	35	38	10	295	
100-155	125	100	350	300	210	350	300	210	996	30	543	565	320	18,5	80	300	300	160	160	35	38	10	245	
100-165	125	100	350	300	210	350	300	210	996	30	543	565	320	18,5	80	300	300	160	160	35	38	10	245	
100-250	150	100	350	300	210	350	300	210	996	30	543	635	350	18,5	80	330	350	170	170	35	38	10	280	
100-260	150	100	350	300	210	350	300	210	996	30	543	635	350	18,5	80	330	350	170	170	35	38	10	280	
100-310	150	100	350	300	210	350	300	210	1018	30	568	650	350	18,5	110	350	400	170	170	45	48,5	14	300	
100-325	150	100	350	300	210	350	300	210	1018	30	568	650	350	18,5	110	350	400	170	170	45	48,5	14	300	
100-350	150	100	350	300	210	350	300	210	1018	30	568	675	350	18,5	110	370	450	170	170	45	48,5	14	350	
100-365	150	100	350	300	210	350	300	210	1018	30	568	675	350	18,5	110	370	450	170	170	45	48,5	14	350	
100-390	150	100	420	350	240	470	400	290	996	35	543	685	350	24	80	400	430	170	170	35	38	10	355	
100-410	150	100	420	350	240	470	400	290	996	35	543	685	350	24	80	400	430	170	170	35	38	10	355	
125-185	150	125	350	300	210	350	300	210	996	30	543	620	350	18,5	80	300	350	170	170	35	38	10	280	
125-195	150	125	350	300	210	350	300	210	996	30	543	620	350	18,5	80	300	350	170	170	35	38	10	280	
125-215	150	125	350	300	210	350	300	210	996	30	543	625	350	18,5	80	300	360	170	170	35	38	10	300	
125-225	150	125	350	300	210	350	300	210	996	30	543	625	350	18,5	80	300	360	170	170	35	38	10	300	
125-235	200	125	420	350	240	470	400	290	1108	35	613	710	420	24	110	350	400	200	200	45	48,5	14	340	
125-245	200	125	420	350	240	470	400	290	1108	35	613	710	420	24	110	350	400	200	200	45	48,5	14	340	
125-285	200	125	420	350	240	470	400	290	1108	35	613	725	420	24	110	350	400	200	200	45	48,5	14	390	
125-300	200	125	420	350	240	470	400	290	1108	35	613	725	420	24	110	350	400	200	200	45	48,5	14	390	
125-335	200	125	420	350	240	470	400	290	1175	35	648	765	450	24	110	350	400	230	230	55	59	16	585	
125-355	200	125	420	350	240	470	400	290	1175	35	648	765	450	24	110	350	400	230	230	55	59	16	585	
125-370	200	125	420	350	240	470	400	290	1108	35	613	760	420	24	110	400	450	200	200	45	48,5	14	390	
125-390	200	125	420	350	240	470	400	290	1108	35	613	760	420	24	110	400	450	200	200	45	48,5	14	390	
125-450	200	125	520	450	340	520	450	340	1108	35	613	800	420	24	110	450	500	200	200	45	48,5	14	430	
125-475	200	125	520	450	340	520	450	340	1108	35	613	800	420	24	110	450	500	200	200	45	48,5	14	430	
150-160	200	150	420	350	240	470	400	290	996	35	543	655	380	24	80	400	400	160	160	35	38	10	280	
150-170	200	150	420	350	240	470	400	290	996	35	543	655	380	24	80	400	400	160	160	35	38	10	280	
150-265	250	150	520	450	340	520	450	340	1235	35	678	790	480	24	110	400	450	230	230	55	59	16	555	
150-280	250	150	520	450	340	520	450	340	1235	35	678	790	480	24	110	400	450	230	230	55	59	16	555	
150-285	200	150	420	350	240	470	400	290	1178	35	648	770	450	24	110	400	450	230	230	45	48,5	14	400	
150-300	200	150	420	350	240	470	400	290	1178	35	648	770	450	24	110	400	450	230	230	45	48,5	14	400	
150-340	200	150	420	350	240	470	400	290	1178	35	648	795	450	24	110	400	450	230	230	45	48,5	14	410	
150-355	200	150	420	350	240	470	400	290	1178	35	648	795	450	24	110	400	450	230	230	45	48,5	14	410	
150-435	200	150	420	350	240	470	400	290	1235	35	678	830	450	24	110	450	500	230	230	55	59	16	480	
150-455	200	150	420	350	240	470	400	290	1235	35	678	830	450	24	110	450	500	230	230	55	59	16	480	
150-535	200	150	580	500	360	680	600	460	1335	40	743	960	520	28	140	500	600	300	300	65	69	18	820	
150-560	200	150	580	500	360	680	600	460	1335	40	743	960	520	28	140	500	600	300	300	65	69	18	820	

eXC_peo-en_b_td 1

e-XC SERIES

DIMENSIONS AND WEIGHTS, PEO

PUMP TYPE	DIMENSIONS [mm]																				SHAFT			WEIGHT [kg]
	PUMP																							
	eXC Size	DNS	DND	A	A1	A2	B	B1	B2	CP	E	W	H1	HD1	K	L5	X	YY	S	Z	D	GA	F	
200-190	200	200	420	350	240	470	400	290	1056	35	573	725	420	24	80	400	450	200	200	35	38	10	385	
200-200	200	200	420	350	240	470	400	290	1056	35	573	725	420	24	80	400	450	200	200	35	38	10	385	
200-235	250	200	520	450	340	520	450	340	1178	35	648	830	480	24	110	400	500	230	230	45	48,5	14	560	
200-250	250	200	520	450	340	520	450	340	1178	35	648	830	480	24	110	400	500	230	230	45	48,5	14	560	
200-330	250	200	520	450	340	520	450	340	1235	35	678	880	520	24	110	400	500	270	270	55	59	16	490	
200-345	250	200	520	450	340	520	450	340	1235	35	678	880	520	24	110	400	500	270	270	55	59	16	490	
200-405	250	200	520	450	340	520	450	340	1345	35	733	915	520	24	110	500	550	270	270	55	59	16	650	
200-425	250	200	520	450	340	520	450	340	1345	35	733	915	520	24	110	500	550	270	270	55	59	16	650	
200-505	250	200	580	500	360	680	600	460	1335	40	743	990	550	28	140	500	550	300	300	65	69	18	870	
200-530	250	200	580	500	360	680	600	460	1335	40	743	990	550	28	140	500	550	300	300	65	69	18	870	
200-625	250	200	580	500	360	680	600	460	1343	40	748	1130	620	28	140	600	650	350	350	75	79,5	20	1150	
200-655	250	200	580	500	360	680	600	460	1343	40	748	1130	620	28	140	600	650	350	350	75	79,5	20	1150	
250-190	250	250	520	450	340	520	450	340	1106	35	598	815	480	24	80	450	500	220	220	35	38	10	380	
250-200	250	250	520	450	340	520	450	340	1106	35	598	815	480	24	80	450	500	220	220	35	38	10	380	
250-370	300	250	580	500	360	680	600	460	1385	40	768	970	580	28	140	500	550	300	300	65	69	18	750	
250-390	300	250	580	500	360	680	600	460	1385	40	768	970	580	28	140	500	550	300	300	65	69	18	750	
250-455	300	250	580	500	360	680	600	460	1465	40	808	1035	580	28	140	550	600	300	300	65	69	18	880	
250-480	300	250	580	500	360	680	600	460	1465	40	808	1035	580	28	140	550	600	300	300	65	69	18	880	
250-580	300	250	580	500	360	680	600	460	1493	40	838	1120	630	28	170	550	650	350	350	85	90	22	1150	
250-610	300	250	580	500	360	680	600	460	1493	40	838	1120	630	28	170	550	650	350	350	85	90	22	1150	
250-730	300	250	630	550	390	780	700	520	1484	40	838	1420	800	28	170	650	800	500	500	85	90	22	1700	
250-770	300	250	630	550	390	780	700	520	1484	40	838	1420	800	28	170	650	800	500	500	85	90	22	1700	
300-215	300	300	520	450	340	520	450	340	1298	35	708	930	550	24	110	450	550	270	270	45	48,5	14	780	
300-225	300	300	520	450	340	520	450	340	1298	35	708	930	550	24	110	450	550	270	270	45	48,5	14	780	
300-245	300	300	520	450	340	520	450	340	1218	35	668	940	550	24	110	500	600	270	270	45	48,5	14	760	
300-255	300	300	520	450	340	520	450	340	1218	35	668	940	550	24	110	500	600	270	270	45	48,5	14	760	
300-315	350	300	580	500	360	680	600	460	1385	40	768	1060	620	28	140	500	650	300	300	65	69	18	950	
300-330	350	300	580	500	360	680	600	460	1385	40	768	1060	620	28	140	500	650	300	300	65	69	18	950	
300-430	400	300	630	550	390	780	700	520	1435	40	793	1140	700	28	140	600	650	350	350	75	79,5	20	980	
300-450	400	300	630	550	390	780	700	520	1435	40	793	1140	700	28	140	600	650	350	350	75	79,5	20	980	
300-525	400	300	630	550	390	780	700	520	1635	40	908	1185	700	28	170	600	650	350	350	85	90	22	1350	
300-550	400	300	630	550	390	780	700	520	1635	40	908	1185	700	28	170	600	650	350	350	85	90	22	1350	
300-680	400	300	760	650	480	910	800	590	1615	45	898	1315	750	35	170	650	800	400	400	95	100	25	1350	
300-705	400	300	760	650	480	910	800	590	1615	45	898	1315	750	35	170	650	800	400	400	95	100	25	1350	
350-285	350	350	580	500	360	680	600	460	1298	40	708	1050	620	28	110	500	650	300	300	45	48,5	14	940	
350-300	350	350	580	500	360	680	600	460	1298	40	708	1050	620	28	110	500	650	300	300	45	48,5	14	940	
350-365	400	350	630	550	390	780	700	520	1435	40	793	1185	700	28	140	550	700	350	350	75	79,5	20	1230	
350-385	400	350	630	550	390	780	700	520	1435	40	793	1185	700	28	140	550	700	350	350	75	79,5	20	1230	
350-430	450	350	760	650	480	910	800	590	1635	45	908	1335	780	35	170	650	800	400	400	85	90	22	1620	
350-450	450	350	760	650	480	910	800	590	1635	45	908	1335	780	35	170	650	800	400	400	85	90	22	1620	
350-505	450	350	760	650	480	910	800	590	1635	45	908	1295	780	35	170	650	700	400	400	85	90	22	1550	
350-530	450	350	760	650	480	910	800	590	1635	45	908	1295	780	35	170	650	700	400	400	85	90	22	1550	
350-650	500	350	760	650	480	910	800	590	1783	45	993	1385	820	35	170	700	800	420	420	85	90	22	2200	
350-655	400	350	860	750	540	1110	1000	750	1745	45	983	1445	840	35	210	750	900	480	480	105	111	28	2200	
350-685	500	350	760	650	480	910	800	590	1783	45	993	1385	820	35	170	700	800	420	420	85	90	22	2200	
350-690	400	350	860	750	540	1110	1000	750	1745	45	983	1445	840	35	210	750	900	480	480	105	111	28	2200	
350-745	400	350	860	750	540	1110	1000	750	1963	45	1093	1470	800	35	210	750	900	450	450	120	127	32	2690	
350-780	400	350	860	750	540	1110	1000	750	1963	45	1093	1470	800	35	210	750	900	450	450	120	127	32	2690	
350-805	500	350	760	650	480	910	800	590	1825	45	1003	1495	850	35	170	750	850	450	450	95	100	25	2450	
350-845	500	350	760	650	480	910	800	590	1825	45	1003	1495	850	35	170	750	850	450	450	95	100	25	2450	

eXC_peo-en_b_td 2

e-XC SERIES

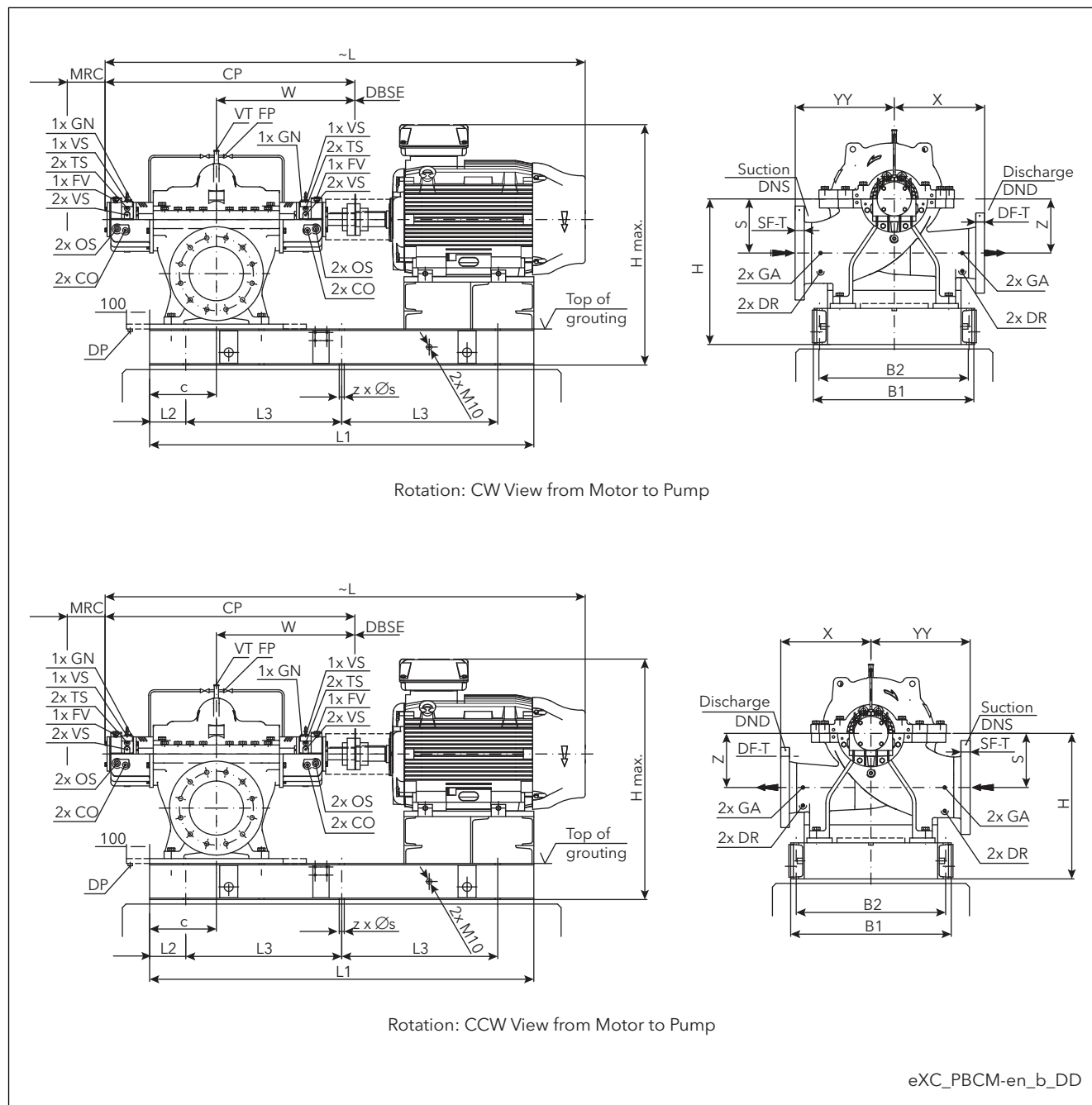
DIMENSIONS AND WEIGHTS, PEO

PUMP TYPE	DIMENSIONS [mm]																				SHAFT			WEIGHT [kg]
	eXC Size	PUMP																			D	GA	F	
		DNS	DND	A	A1	A2	B	B1	B2	CP	E	W	H1	HD1	K	L5	X	YY	S	Z				
400-325	400	400	630	550	390	780	700	520	1465	40	793	1180	700	28	110	600	750	350	350	55	59	16	1230	
400-340	400	400	630	550	390	780	700	520	1465	40	793	1180	700	28	110	600	750	350	350	55	59	16	1230	
400-500	500	400	760	650	480	910	800	590	1805	45	993	1495	900	35	170	700	800	480	480	95	100	25	2050	
400-510	500	400	760	650	480	910	800	590	1533	45	843	1410	850	35	140	650	800	450	450	75	79,5	20	1800	
400-525	500	400	760	650	480	910	800	590	1805	45	993	1495	900	35	170	700	800	480	480	95	100	25	2050	
400-535	500	400	760	650	480	910	800	590	1533	45	843	1410	850	35	140	650	800	450	450	75	79,5	20	1800	
400-550	500	400	760	650	480	910	800	590	1835	45	1028	1420	870	35	210	700	800	450	450	105	111	28	2200	
400-580	500	400	760	650	480	910	800	590	1835	45	1028	1420	870	35	210	700	800	450	450	105	111	28	2200	
400-760	600	400	860	750	540	1110	1000	750	1975	45	1098	1655	1000	35	210	800	900	500	500	105	111	28	3100	
400-800	600	400	860	750	540	1110	1000	750	1975	45	1098	1655	1000	35	210	800	900	500	500	105	111	28	3100	
400-925	600	400	970	850	610	1220	1100	820	2156	50	1188	1840	1050	42	210	900	1000	550	550	120	127	32	3500	
400-970	600	400	970	850	610	1220	1100	820	2156	50	1188	1840	1050	42	210	900	1000	550	550	120	127	32	3500	
450-370	500	450	760	650	480	910	800	590	1585	45	868	1355	820	35	140	650	850	400	400	65	69	18	1730	
450-390	500	450	760	650	480	910	800	590	1585	45	868	1355	820	35	140	650	850	400	400	65	69	18	1730	
500-430	600	500	860	750	540	1110	1000	750	1775	45	978	1555	950	35	170	750	1000	480	480	85	90	22	2500	
500-450	600	500	860	750	540	1110	1000	750	1775	45	978	1555	950	35	170	750	1000	480	480	85	90	22	2500	
500-500	600	500	860	750	540	1110	1000	750	1683	45	933	1575	950	35	170	800	900	500	500	85	90	22	2340	
500-525	600	500	860	750	540	1110	1000	750	1683	45	933	1575	950	35	170	800	900	500	500	85	90	22	2340	
500-605	600	500	860	750	540	1110	1000	750	1725	45	953	1605	970	35	170	750	1000	520	520	95	100	25	3065	
500-625	600	500	860	750	540	1110	1000	750	1725	45	953	1605	970	35	170	750	1000	520	520	95	100	25	3065	
500-690	700	500	970	850	610	1220	1100	820	2003	50	1113	1905	1150	42	210	850	1050	600	600	120	127	32	4000	
500-715	700	500	970	850	610	1220	1100	820	2003	50	1113	1905	1150	42	210	850	1050	600	600	120	127	32	4000	
500-875	700	500	970	850	610	1220	1100	820	2312	50	1288	1935	1150	42	250	950	1050	600	600	140	148	36	4470	
500-920	700	500	970	850	610	1220	1100	820	2312	50	1288	1935	1150	42	250	950	1050	600	600	140	148	36	4470	
600-1000	800	600	1350	1100	850	1600	1300	1000	2587	70	1393	2085	1250	42	300	1150	1200	650	650	150	158	36	5850	
600-1060	800	600	1350	1100	850	1600	1300	1000	2687	70	1443	2215	1300	42	300	1250	1300	700	700	160	169	40	7700	
600-1115	800	600	1350	1100	850	1600	1300	1000	2687	70	1443	2215	1300	42	300	1250	1300	700	700	160	169	40	7700	
600-540	700	600	970	850	610	1220	1100	820	1865	50	1023	1670	1030	42	170	900	1050	530	530	95	100	25	3400	
600-575	700	600	970	850	610	1220	1100	820	1865	50	1023	1670	1030	42	170	900	1050	530	530	95	100	25	3400	
600-580	700	600	970	850	610	1220	1100	820	1973	50	1098	1750	1050	42	210	900	1050	550	550	105	111	28	3100	
600-610	700	600	970	850	610	1220	1100	820	1973	50	1098	1750	1050	42	210	900	1050	550	550	105	111	28	3100	
600-770	800	600	1140	1000	700	1340	1200	860	2263	50	1263	2145	1300	42	250	1000	1200	700	700	140	148	36	6550	
600-810	800	600	1140	1000	700	1340	1200	860	2263	50	1263	2145	1300	42	250	1000	1200	700	700	140	148	36	6550	
600-950	800	600	1350	1100	850	1600	1300	1000	2587	70	1393	2085	1250	42	300	1150	1200	650	650	150	158	36	5850	
700-505	700	700	970	850	610	1220	1100	820	2003	50	1093	1915	1100	42	170	900	1100	610	610	95	100	25	5270	
700-535	700	700	970	850	610	1220	1100	820	2003	50	1093	1915	1100	42	170	900	1100	610	610	95	100	25	5270	
700-585	800	700	1140	1000	700	1340	1200	860	2153	50	1188	1910	1150	42	210	950	1150	600	600	120	127	32	5250	
700-615	800	700	1140	1000	700	1340	1200	860	2153	50	1188	1910	1150	42	210	950	1150	600	600	120	127	32	5250	
700-635	800	700	1140	1000	700	1340	1200	860	2153	50	1188	2030	1200	42	210	1000	1200	650	650	120	127	32	4700	
700-670	800	700	1140	1000	700	1340	1200	860	2153	50	1188	2030	1200	42	210	1000	1200	650	650	120	127	32	4700	
700-735	800	700	1140	1000	700	1340	1200	860	2273	50	1248	2160	1250	42	210	1100	1300	700	700	140	148	36	5950	
700-775	800	700	1140	1000	700	1340	1200	860	2273	50	1248	2160	1250	42	210	1100	1300	700	700	140	148	36	5950	
700-830	800	700	1140	1000	700	1340	1200	860	2363	50	1313	2210	1300	42	250	1050	1300	750	750	140	148	36	7700	
700-870	800	700	1140	1000	700	1340	1200	860	2363	50	1313	2210	1300	42	250	1050	1300	750	750	140	148	36	7700	
700-945	900	700	1350	1100	850	1600	1300	1000	2605	70	1423	2490	1500	42	300	1200	1500	850	850	160	169	40	10720	
700-995	900	700	1350	1100	850	1600	1300	1000	2605	70	1423	2490	1500	42	300	1200	1500	850	850	160	169	40	10720	
800-560	800	800	1140	1000	700	1340	1200	860	2243	50	1233	2125	1230	42	210	1000	1200	680	680	120	127	32	6910	
800-590	800	800	1140	1000	700	1340	1200	860	2243	50	1233	2125	1230	42	210	1000	1200	680	680	120	127	32	6910	

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e-XC SERIES

DIMENSIONS AND WEIGHTS, PBCM (Pump - Baseplate - Coupling - Motor)



CODE	DESCRIPTION	TYPE
DR	Drain	Rp1/2
FP	Flush	Rp3/8
FV	Fill/Vent Cup	Rp3/8 standard
GA	Gauge Connection	Rp1/2
GN	Grease Nipple	M10x1 standard
TS	Temperature Sensor	M10x1
VT	Vent	Rp1/2
VS	Vibration Sensor	M10x1
DP	Drip Pan	G1 optional
OS	Oil Sight Glass	Rp1/2 optional

CODE	DESCRIPTION	TYPE
OS	Oil Sight Glass	Rp1/2 optional
MRC	Minimum removal clearance for bearing and seal maintenance	
DBSE	Distance between shaft ends	

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 2 POLES

PUMP TYPE EXC	IEC MOTOR FRAME	3000 [rpm]	DIMENSIONS [mm]																				WEIGHT [kg]	COUPLING TYPE
			SIZE	DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC	H max.		
80-205	180M	22	125	80	996	543	443	300	300	160	160	205	1701	1400	175	525	600	560	4	115	707	6 x Ø19 (M16)	469	A125A
80-205	200L	30	125	80	996	543	443	300	300	160	160	205	1781	1450	175	550	620	580	4	115	743	6 x Ø19 (M16)	534	A125B
80-205	200L	37	125	80	996	543	443	300	300	160	160	205	1781	1450	175	550	620	580	4	115	743	6 x Ø19 (M16)	549	A125B
80-215	180M	22	125	80	996	543	443	300	300	160	160	205	1701	1400	175	525	600	560	4	115	707	6 x Ø19 (M16)	469	A125A
80-215	200L	30	125	80	996	543	443	300	300	160	160	205	1781	1450	175	550	620	580	4	115	743	6 x Ø19 (M16)	534	A125B
80-215	200L	37	125	80	996	543	443	300	300	160	160	205	1781	1450	175	550	620	580	4	115	743	6 x Ø19 (M16)	549	A125B
80-215	225M	45	125	80	996	543	463	300	300	160	160	205	1811	1500	175	575	680	630	4	115	786	6 x Ø19 (M16)	612	A125B
80-270	200L	37	125	80	996	543	443	300	350	160	160	205	1781	1450	175	550	620	580	4	77	743	6 x Ø19 (M16)	620	A125B
80-270	225M	45	125	80	996	543	463	300	350	160	160	205	1811	1500	175	575	680	630	4	77	786	6 x Ø19 (M16)	683	A125B
80-270	250M	55	125	80	996	543	463	300	350	160	160	205	1907	1600	175	625	730	680	4	77	840	6 x Ø19 (M16)	841	A140A
80-270	280S	75	125	80	996	543	483	300	350	160	160	205	1957	1650	175	650	830	780	4	77	896	6 x Ø26 (M20)	1063	A160A
80-270	280M	90	125	80	996	543	483	300	350	160	160	205	2012	1650	175	650	830	780	4	77	896	6 x Ø26 (M20)	1144	A160A
80-285	200L	37	125	80	996	543	443	300	350	160	160	205	1781	1450	175	550	620	580	4	115	743	6 x Ø19 (M16)	619	A125B
80-285	225M	45	125	80	996	543	463	300	350	160	160	205	1811	1500	175	575	680	630	4	115	786	6 x Ø19 (M16)	682	A125B
80-285	250M	55	125	80	996	543	463	300	350	160	160	205	1907	1600	175	625	730	680	4	115	840	6 x Ø19 (M16)	840	A140A
80-285	280S	75	125	80	996	543	483	300	350	160	160	205	1957	1650	175	650	830	780	4	115	896	6 x Ø26 (M20)	1062	A160A
80-285	280M	90	125	80	996	543	483	300	350	160	160	205	2012	1650	175	650	830	780	4	115	896	6 x Ø26 (M20)	1143	A160A
80-285	315S	110	125	80	996	543	503	300	350	160	160	205	2126	1850	200	725	910	860	4	115	1060	6 x Ø26 (M20)	1516	A160A
80-300	225M	45	125	80	996	543	513	300	370	210	210	205	1811	1500	175	575	680	630	4	77	836	6 x Ø19 (M16)	724	A125B
80-300	250M	55	125	80	996	543	513	300	370	210	210	205	1907	1600	175	625	730	680	4	77	890	6 x Ø19 (M16)	882	A140A
80-300	280S	75	125	80	996	543	533	300	370	210	210	205	1957	1650	175	650	830	780	4	77	946	6 x Ø26 (M20)	1104	A160A
80-300	280M	90	125	80	996	543	533	300	370	210	210	205	2012	1650	175	650	830	780	4	77	946	6 x Ø26 (M20)	1185	A160A
80-315	250M	55	125	80	996	543	513	300	370	210	210	205	1907	1600	175	625	730	680	4	77	890	6 x Ø19 (M16)	881	A140A
80-315	280S	75	125	80	996	543	533	300	370	210	210	205	1957	1650	175	650	830	780	4	77	946	6 x Ø26 (M20)	1103	A160A
80-315	280M	90	125	80	996	543	533	300	370	210	210	205	2012	1650	175	650	830	780	4	77	946	6 x Ø26 (M20)	1184	A160A
80-315	315S	110	125	80	996	543	553	300	370	210	210	205	2126	1850	200	725	910	860	4	77	1110	6 x Ø26 (M20)	1557	A160A
100-155	132S	5,5	125	100	996	543	443	300	300	160	160	205	1447	1200	150	450	600	560	4	77	688	6 x Ø19 (M16)	408	A110D
100-155	132S	7,5	125	100	996	543	443	300	300	160	160	205	1447	1200	150	450	600	560	4	77	688	6 x Ø19 (M16)	404	A110D
100-155	160M	11	125	100	996	543	443	300	300	160	160	205	1604	1350	175	500	600	560	4	77	688	6 x Ø19 (M16)	431	A110E
100-155	160M	15	125	100	996	543	443	300	300	160	160	205	1604	1350	175	500	600	560	4	77	688	6 x Ø19 (M16)	450	A110E
100-165	132S	7,5	125	100	996	543	443	300	300	160	160	205	1447	1200	150	450	600	560	4	77	688	6 x Ø19 (M16)	404	A110D
100-165	160M	11	125	100	996	543	443	300	300	160	160	205	1604	1350	175	500	600	560	4	77	688	6 x Ø19 (M16)	431	A110E
100-165	160M	15	125	100	996	543	443	300	300	160	160	205	1604	1350	175	500	600	560	4	77	688	6 x Ø19 (M16)	450	A110E
100-165	160L	18,5	125	100	996	543	443	300	300	160	160	205	1604	1350	175	500	600	560	4	77	688	6 x Ø19 (M16)	458	A110E

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.
 Flange drilling dimensions and additional Pump dimensions are in separate sections.
 C.F. ... Consult Factory

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e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 2 POLES

PUMP TYPE EXC	IEC MOTOR FRAME	3000 [rpm]	DIMENSIONS [mm]																		H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			SIZE	DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC			
100-250	200L	30	150	100	996	543	473	330	350	170	170	205	1781	1450	175	550	620	580	4	77	773	6 x Ø19 (M16)	596	A125B
100-250	200L	37	150	100	996	543	473	330	350	170	170	205	1781	1450	175	550	620	580	4	77	773	6 x Ø19 (M16)	611	A125B
100-250	225M	45	150	100	996	543	493	330	350	170	170	205	1811	1500	175	575	680	630	4	77	816	6 x Ø19 (M16)	674	A125B
100-250	250M	55	150	100	996	543	493	330	350	170	170	205	1907	1600	175	625	730	680	4	77	870	6 x Ø19 (M16)	832	A140A
100-250	280S	75	150	100	996	543	513	330	350	170	170	205	1957	1650	175	650	830	780	4	77	926	6 x Ø26 (M20)	1054	A160A
100-250	280M	90	150	100	996	543	513	330	350	170	170	205	2012	1650	175	650	830	780	4	77	926	6 x Ø26 (M20)	1135	A160A
100-260	225M	45	150	100	996	543	493	330	350	170	170	205	1811	1500	175	575	680	630	4	77	816	6 x Ø19 (M16)	673	A125B
100-260	250M	55	150	100	996	543	493	330	350	170	170	205	1907	1600	175	625	730	680	4	77	870	6 x Ø19 (M16)	831	A140A
100-260	280S	75	150	100	996	543	513	330	350	170	170	205	1957	1650	175	650	830	780	4	77	926	6 x Ø26 (M20)	1053	A160A
100-260	280M	90	150	100	996	543	513	330	350	170	170	205	2012	1650	175	650	830	780	4	77	926	6 x Ø26 (M20)	1134	A160A
100-260	315S	110	150	100	996	543	533	330	350	170	170	205	2126	1850	200	725	910	860	4	77	1090	6 x Ø26 (M20)	1507	A160A
100-310	250M	55	150	100	1018	568	493	350	400	170	170	205	1929	1600	175	625	730	680	4	77	870	6 x Ø19 (M16)	862	A140B
100-310	280S	75	150	100	1018	568	513	350	400	170	170	205	1979	1700	175	675	830	780	4	77	926	6 x Ø26 (M20)	1084	A160B
100-310	280M	90	150	100	1018	568	513	350	400	170	170	205	2034	1700	175	675	830	780	4	77	926	6 x Ø26 (M20)	1165	A160B
100-310	315S	110	150	100	1018	568	533	350	400	170	170	205	2148	1900	200	750	910	860	4	77	1090	6 x Ø26 (M20)	1538	A160B
100-310	315M	132	150	100	1018	568	533	350	400	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1617	A160B
100-310	315M	160	150	100	1018	568	533	350	400	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1739	A160B
100-325	280S	75	150	100	1018	568	513	350	400	170	170	205	1979	1700	175	675	830	780	4	77	926	6 x Ø26 (M20)	1083	A160B
100-325	280M	90	150	100	1018	568	513	350	400	170	170	205	2034	1700	175	675	830	780	4	77	926	6 x Ø26 (M20)	1164	A160B
100-325	315S	110	150	100	1018	568	533	350	400	170	170	205	2148	1900	200	750	910	860	4	77	1090	6 x Ø26 (M20)	1537	A160B
100-325	315M	132	150	100	1018	568	533	350	400	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1616	A160B
100-325	315M	200	150	100	1018	568	533	350	400	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1840	A160B
100-325	315M	250	150	100	1018	568	533	350	400	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1746	A180D
100-350	315S	110	150	100	1018	568	533	370	450	170	170	205	2148	1900	200	750	910	860	4	77	1090	6 x Ø26 (M20)	1588	A160B
100-350	315M	132	150	100	1018	568	533	370	450	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1667	A160B
100-350	315M	160	150	100	1018	568	533	370	450	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1789	A160B
100-350	315M	200	150	100	1018	568	533	370	450	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1891	A160B
100-365	280M	90	150	100	1018	568	513	370	450	170	170	205	2034	1700	175	675	830	780	4	77	926	6 x Ø26 (M20)	1215	A160B
100-365	315S	110	150	100	1018	568	533	370	450	170	170	205	2148	1900	200	750	910	860	4	77	1090	6 x Ø26 (M20)	1588	A160B
100-365	315M	132	150	100	1018	568	533	370	450	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1667	A160B
100-365	315M	160	150	100	1018	568	533	370	450	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1789	A160B
100-365	315M	200	150	100	1018	568	533	370	450	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1891	A160B
100-365	315M	250	150	100	1018	568	533	370	450	170	170	205	2148	1900	200	750	910	860	4	77	1058	6 x Ø26 (M20)	1797	A180D
125-185	160L	18,5	150	125	996	543	473	300	350	170	170	205	1604	1350	175	500	600	560	4	C.F.	743	6 x Ø19 (M16)	504	A110E
125-185	180M	22	150	125	996	543	473	300	350	170	170	205	1701	1400	175	525	600	560	4	C.F.	743	6 x Ø19 (M16)	530	A125A
125-185	200L	30	150	125	996	543	473	300	350	170	170	205	1781	1450	175	550	620	580	4	C.F.	773	6 x Ø19 (M16)	595	A125B
125-185	200L	37	150	125	996	543	473	300	350	170	170	205	1781	1450	175	550	620	580	4	C.F.	773	6 x Ø19 (M16)	610	A125B

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.
 Flange drilling dimensions and additional Pump dimensions are in separate sections.
 C.F. ... Consult Factory

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e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 2 POLES

PUMP TYPE EXC	IEC MOTOR FRAME	3000 [rpm]	DIMENSIONS [mm]																		H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			DN5	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC				
125-195	180M	22	150	125	996	543	473	300	350	170	170	205	1701	1400	175	525	600	560	4	C.F.	743	6 x Ø19 (M16)	530	A125A
125-195	200L	30	150	125	996	543	473	300	350	170	170	205	1781	1450	175	550	620	580	4	C.F.	773	6 x Ø19 (M16)	595	A125B
125-195	200L	37	150	125	996	543	473	300	350	170	170	205	1781	1450	175	550	620	580	4	C.F.	773	6 x Ø19 (M16)	610	A125B
125-195	225M	45	150	125	996	543	493	300	350	170	170	205	1811	1500	175	575	680	630	4	C.F.	816	6 x Ø19 (M16)	673	A125B
125-235	250M	55	200	125	1108	613	567	350	400	200	200	240	2019	1700	175	675	730	680	4	C.F.	944	6 x Ø19 (M16)	952	A140B
125-235	280S	75	200	125	1108	613	587	350	400	200	200	240	2069	1750	175	700	830	780	4	C.F.	1000	6 x Ø26 (M20)	1174	A160B
125-235	280M	90	200	125	1108	613	587	350	400	200	200	240	2124	1750	175	700	830	780	4	C.F.	1000	6 x Ø26 (M20)	1255	A160B
125-235	315S	110	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1164	6 x Ø26 (M20)	1628	A160B
125-245	250M	55	200	125	1108	613	567	350	400	200	200	240	2019	1700	175	675	730	680	4	C.F.	944	6 x Ø19 (M16)	951	A140B
125-245	280S	75	200	125	1108	613	587	350	400	200	200	240	2069	1750	175	700	830	780	4	C.F.	1000	6 x Ø26 (M20)	1173	A160B
125-245	280M	90	200	125	1108	613	587	350	400	200	200	240	2124	1750	175	700	830	780	4	C.F.	1000	6 x Ø26 (M20)	1254	A160B
125-245	315S	110	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1164	6 x Ø26 (M20)	1627	A160B
125-245	315M	132	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1132	6 x Ø26 (M20)	1706	A160B
125-285	280M	90	200	125	1108	613	587	350	400	200	200	240	2124	1750	175	700	830	780	4	C.F.	1000	6 x Ø26 (M20)	1305	A160B
125-285	315S	110	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1164	6 x Ø26 (M20)	1678	A160B
125-285	315M	132	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1132	6 x Ø26 (M20)	1757	A160B
125-285	315M	160	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1132	6 x Ø26 (M20)	1879	A160B
125-285	315M	200	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1132	6 x Ø26 (M20)	1981	A160B
125-300	315S	110	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1164	6 x Ø26 (M20)	1677	A160B
125-300	315M	132	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1132	6 x Ø26 (M20)	1756	A160B
125-300	315M	160	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1132	6 x Ø26 (M20)	1878	A160B
125-300	315M	200	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1132	6 x Ø26 (M20)	1980	A160B
125-300	315M	250	200	125	1108	613	607	350	400	200	200	240	2238	2000	200	800	910	860	4	C.F.	1132	6 x Ø26 (M20)	1886	A180D
125-335	315S	110	200	125	1175	648	637	350	400	230	230	240	2305	2000	200	800	910	860	4	C.F.	1194	6 x Ø26 (M20)	1903	A160C
125-335	315M	132	200	125	1175	648	637	350	400	230	230	240	2305	2000	200	800	910	860	4	C.F.	1162	6 x Ø26 (M20)	1982	A160C
125-335	315M	160	200	125	1175	648	637	350	400	230	230	240	2305	2000	200	800	910	860	4	C.F.	1162	6 x Ø26 (M20)	2104	A160C
125-335	315M	200	200	125	1175	648	637	350	400	230	230	240	2305	2000	200	800	910	860	4	C.F.	1162	6 x Ø26 (M20)	2206	A160C
125-335	315M	250	200	125	1175	648	637	350	400	230	230	240	2305	2000	200	800	910	860	4	C.F.	1162	6 x Ø26 (M20)	2112	A180G
125-335	355M	315	200	125	1175	648	677	350	400	230	230	240	2509	2100	200	850	1030	960	4	C.F.	1267	6 x Ø29 (M24)	2261	A180H
125-355	315M	160	200	125	1175	648	637	350	400	230	230	240	2305	2000	200	800	910	860	4	C.F.	1162	6 x Ø26 (M20)	2104	A160C
125-355	315M	200	200	125	1175	648	637	350	400	230	230	240	2305	2000	200	800	910	860	4	C.F.	1162	6 x Ø26 (M20)	2206	A160C
125-355	315M	250	200	125	1175	648	637	350	400	230	230	240	2305	2000	200	800	910	860	4	C.F.	1162	6 x Ø26 (M20)	2112	A180G
125-355	355M	315	200	125	1175	648	677	350	400	230	230	240	2509	2100	200	850	1030	960	4	C.F.	1267	6 x Ø29 (M24)	2261	A180H
125-355	355M	355	200	125	1175	648	677	350	400	230	230	240	2509	2100	200	850	1030	960	4	C.F.	1267	6 x Ø29 (M24)	2330	A200E
125-355	355LA	400	200	125	1175	648	677	350	400	230	230	240	2844	2300	200	950	1030	960	4	C.F.	1267	6 x Ø29 (M24)	2571	A200E
150-265	315S	110	250	150	1235	678	667	400	450	230	230	290	2365	2100	200	850	910	860	4	C.F.	1224	6 x Ø26 (M20)	1913	A160C
150-265	315M	132	250	150	1235	678	667	400	450	230	230	290	2365	2100	200	850	910	860	4	C.F.	1192	6 x Ø26 (M20)	1992	A160C
150-265	315M	160	250	150	1235	678	667	400	450	230	230	290	2365	2100	200	850	910	860	4	C.F.	1192	6 x Ø26 (M20)	2114	A160C
150-265	315M	200	250	150	1235	678	667	400	450	230	230	290	2365	2100	200	850	910	860	4	C.F.	1192	6 x Ø26 (M20)	2216	A160C
150-280	315M	132	250	150	1235	678	667	400	450	230	230	290	2365	2100	200	850	910	860	4	C.F.	1192	6 x Ø26 (M20)	1992	A160C
150-280	315M	160	250	150	1235	678	667	400	450	230	230	290	2365	2100	200	850	910	860	4	C.F.	1192	6 x Ø26 (M20)	2114	A160C
150-280	315M	200	250	150	1235	678	667	400	450	230	230	290	2365	2100	200	850	910	860	4	C.F.	1192	6 x Ø26 (M20)	2216	A160C
150-280	315M	250	250	150	1235	678	667	400	450	230	230	290	2365	2100	200	850	910	860	4	C.F.	1192	6 x Ø26 (M20)	2122	A180G

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. ... Consult Factory

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e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

PUMP TYPE eXC SIZE	IEC MOTOR FRAME	1500 [rpm] [kW]	DIMENSIONS [mm]																			H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC					
80-345	132M	7,5	125	80	996	543	443	350	380	160	160	205	1485	1200	150	450	600	560	4	77	743	6 x Ø19 (M16)	466	A110D	
80-345	160M	11	125	80	996	543	443	350	380	160	160	205	1604	1350	175	500	600	560	4	77	743	6 x Ø19 (M16)	524	A110E	
80-345	160L	15	125	80	996	543	443	350	380	160	160	205	1604	1350	175	500	600	560	4	77	743	6 x Ø19 (M16)	528	A110E	
80-345	180M	18,5	125	80	996	543	443	350	380	160	160	205	1701	1400	175	525	600	560	4	77	743	6 x Ø19 (M16)	536	A125A	
80-345	180L	22	125	80	996	543	443	350	380	160	160	205	1701	1400	175	525	600	560	4	77	743	6 x Ø19 (M16)	554	A125A	
100-250	112M	4	150	100	996	543	473	330	350	170	170	205	1458	1150	150	425	600	560	4	77	758	6 x Ø19 (M16)	455	A110C	
100-250	132S	5,5	150	100	996	543	473	330	350	170	170	205	1485	1200	150	450	600	560	4	77	758	6 x Ø19 (M16)	461	A110D	
100-250	132M	7,5	150	100	996	543	473	330	350	170	170	205	1485	1200	150	450	600	560	4	77	758	6 x Ø19 (M16)	463	A110D	
100-260	132M	7,5	150	100	996	543	473	330	350	170	170	205	1485	1200	150	450	600	560	4	77	758	6 x Ø19 (M16)	462	A110D	
100-260	160M	11	150	100	996	543	473	330	350	170	170	205	1604	1350	175	500	600	560	4	77	758	6 x Ø19 (M16)	520	A110E	
100-260	160L	15	150	100	996	543	473	330	350	170	170	205	1604	1350	175	500	600	560	4	77	758	6 x Ø19 (M16)	524	A110E	
100-310	132M	7,5	150	100	1018	568	473	350	400	170	170	205	1507	1250	150	475	600	560	4	77	773	6 x Ø19 (M16)	493	A110J	
100-310	160M	11	150	100	1018	568	473	350	400	170	170	205	1626	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	551	A110K	
100-310	160L	15	150	100	1018	568	473	350	400	170	170	205	1626	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	555	A110K	
100-310	180M	18,5	150	100	1018	568	473	350	400	170	170	205	1723	1400	175	525	600	560	4	77	773	6 x Ø19 (M16)	563	A125C	
100-310	180L	22	150	100	1018	568	473	350	400	170	170	205	1723	1400	175	525	600	560	4	77	773	6 x Ø19 (M16)	581	A125C	
100-325	160M	11	150	100	1018	568	473	350	400	170	170	205	1626	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	550	A110K	
100-325	160L	15	150	100	1018	568	473	350	400	170	170	205	1626	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	554	A110K	
100-325	180M	18,5	150	100	1018	568	473	350	400	170	170	205	1723	1400	175	525	600	560	4	77	773	6 x Ø19 (M16)	562	A125C	
100-325	180L	22	150	100	1018	568	473	350	400	170	170	205	1723	1400	175	525	600	560	4	77	773	6 x Ø19 (M16)	580	A125C	
100-325	200L	30	150	100	1018	568	473	350	400	170	170	205	1803	1450	175	550	620	580	4	77	773	6 x Ø19 (M16)	639	A125D	
100-350	160L	15	150	100	1018	568	473	370	450	170	170	205	1626	1350	175	500	600	560	4	77	798	6 x Ø19 (M16)	606	A110K	
100-350	180M	18,5	150	100	1018	568	473	370	450	170	170	205	1723	1400	175	525	600	560	4	77	798	6 x Ø19 (M16)	613	A125C	
100-350	180L	22	150	100	1018	568	473	370	450	170	170	205	1723	1400	175	525	600	560	4	77	798	6 x Ø19 (M16)	631	A125C	
100-350	200L	30	150	100	1018	568	473	370	450	170	170	205	1803	1450	175	550	620	580	4	77	798	6 x Ø19 (M16)	690	A125D	
80-330	180M	18,5	125	80	996	543	443	350	380	160	160	205	1701	1400	175	525	600	560	4	77	743	6 x Ø19 (M16)	536	A125A	
80-330	180L	22	125	80	996	543	443	350	380	160	160	205	1701	1400	175	525	600	560	4	77	743	6 x Ø19 (M16)	554	A125A	
80-345	132M	7,5	125	80	996	543	443	350	380	160	160	205	1485	1200	150	450	600	560	4	77	743	6 x Ø19 (M16)	464	A110D	
80-345	160M	11	125	80	996	543	443	350	380	160	160	205	1604	1350	175	500	600	560	4	77	743	6 x Ø19 (M16)	484	A110E	
80-345	160L	15	125	80	996	543	443	350	380	160	160	205	1604	1350	175	500	600	560	4	77	743	6 x Ø19 (M16)	527	A110E	
80-345	180M	18,5	125	80	996	543	443	350	380	160	160	205	1701	1400	175	525	600	560	4	77	743	6 x Ø19 (M16)	536	A125A	
80-345	180L	22	125	80	996	543	443	350	380	160	160	205	1701	1400	175	525	600	560	4	77	743	6 x Ø19 (M16)	554	A125A	
100-250	112M	4	150	100	996	543	473	330	350	170	170	205	1442	1150	150	425	600	560	4	77	758	6 x Ø19 (M16)	455	A110C	
100-250	132S	5,5	150	100	996	543	473	330	350	170	170	205	1485	1200	150	450	600	560	4	77	758	6 x Ø19 (M16)	461	A110D	
100-250	132M	7,5	150	100	996	543	473	330	350	170	170	205	1485	1200	150	450	600	560	4	77	758	6 x Ø19 (M16)	461	A110D	
100-260	132M	7,5	150	100	996	543	473	330	350	170	170	205	1485	1200	150	450	600	560	4	77	758	6 x Ø19 (M16)	460	A110D	
100-260	160M	11	150	100	996	543	473	330	350	170	170	205	1604	1350	175	500	600	560	4	77	758	6 x Ø19 (M16)	480	A110E	
100-260	160L	15	150	100	996	543	473	330	350	170	170	205	1604	1350	175	500	600	560	4	77	758	6 x Ø19 (M16)	523	A110E	
100-310	132M	7,5	150	100	1018	568	473	350	400	170	170	205	1507	1250	150	475	600	560	4	77	773	6 x Ø19 (M16)	491	A110J	
100-310	160M	11	150	100	1018	568	473	350	400	170	170	205	1626	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	511	A110K	
100-310	160L	15	150	100	1018	568	473	350	400	170	170	205	1626	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	554	A110K	
100-310	180M	18,5	150	100	1018	568	473	350	400	170	170	205	1723	1400	175	525	600	560	4	77	773	6 x Ø19 (M16)	563	A125C	
100-310	180L	22	150	100	1018	568	473	350	400	170	170	205	1723	1400	175	525	600	560	4	77	773	6 x Ø19 (M16)	581	A125C	
100-325	160M	11	150	100	1018	568	473	350	400	170	170	205	1626	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	510	A110K	
100-325	160L	15	150	100	1018	568	473	350	400	170	170	205	1626	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	553	A110K	
100-325	180M	18,5	150	100	1018	568	473	350	400	170	170	205	1723	1400	175	525	600	560	4	77	773	6 x Ø19 (M16)	562	A125C	
100-325	180L	22	150	100	1018	568	473	350	400	170	170	205	1723	1400	175	525	600	560	4	77	773	6 x Ø19 (M16)	580	A125C	
100-325	200L	30	150	100	1018	568	473	350	400	170	170	205	1803	1450	175	550	620	580	4	77	773	6 x Ø19 (M16)	639	A125D	
100-350	160L	15	150	100	1018	568	473	370	450	170	170	205	1626	1350	175	500	600	560	4	77	798	6 x Ø19 (M16)	605	A110K	
100-350	180M	18,5	150	100	1018	568	473	370	450	170	170	205	1723	1400	175	525	600	560	4	77	798	6			

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimensions are in separate sections.

C.F. ... Consult Factory

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

PUMP TYPE eXC SIZE	IEC MOTOR FRAME	1500 [rpm] [kW]	DIMENSIONS [mm]																		H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC				
100-365	132S	5,5	150	100	1018	568	473	370	450	170	170	205	1507	1250	150	475	600	560	4	77	798	6 x Ø19 (M16)	541	A110J
100-365	132M	7,5	150	100	1018	568	473	370	450	170	170	205	1507	1250	150	475	600	560	4	77	798	6 x Ø19 (M16)	543	A110J
100-365	160M	11	150	100	1018	568	473	370	450	170	170	205	1626	1350	175	500	600	560	4	77	798	6 x Ø19 (M16)	601	A110K
100-365	160L	15	150	100	1018	568	473	370	450	170	170	205	1626	1350	175	500	600	560	4	77	798	6 x Ø19 (M16)	605	A110K
100-365	180M	18,5	150	100	1018	568	473	370	450	170	170	205	1723	1400	175	525	600	560	4	77	798	6 x Ø19 (M16)	613	A125C
100-365	180L	22	150	100	1018	568	473	370	450	170	170	205	1723	1400	175	525	600	560	4	77	798	6 x Ø19 (M16)	631	A125C
100-365	200L	30	150	100	1018	568	473	370	450	170	170	205	1803	1450	175	550	620	580	4	77	798	6 x Ø19 (M16)	690	A125D
100-390	160M	11	150	100	996	543	477	400	430	170	170	240	1604	1350	175	500	680	640	4	77	812	6 x Ø19 (M16)	615	A110E
100-390	160L	15	150	100	996	543	477	400	430	170	170	240	1604	1350	175	500	680	640	4	77	812	6 x Ø19 (M16)	619	A110E
100-390	180M	18,5	150	100	996	543	477	400	430	170	170	240	1701	1400	175	525	680	640	4	77	812	6 x Ø19 (M16)	627	A125A
100-390	180L	22	150	100	996	543	477	400	430	170	170	240	1701	1400	175	525	680	640	4	77	812	6 x Ø19 (M16)	645	A125A
100-390	200L	30	150	100	996	543	477	400	430	170	170	240	1781	1450	175	550	680	640	4	77	812	6 x Ø19 (M16)	704	A125B
100-390	225S	37	150	100	996	543	497	400	430	170	170	240	1841	1550	175	600	680	630	4	77	832	6 x Ø19 (M16)	755	A140A
100-390	225M	45	150	100	996	543	497	400	430	170	170	240	1841	1550	175	600	680	630	4	77	832	6 x Ø19 (M16)	786	A140A
100-410	160L	15	150	100	996	543	477	400	430	170	170	240	1604	1350	175	500	680	640	4	77	812	6 x Ø19 (M16)	619	A110E
100-410	180M	18,5	150	100	996	543	477	400	430	170	170	240	1701	1400	175	525	680	640	4	77	812	6 x Ø19 (M16)	627	A125A
100-410	180L	22	150	100	996	543	477	400	430	170	170	240	1701	1400	175	525	680	640	4	77	812	6 x Ø19 (M16)	645	A125A
100-410	200L	30	150	100	996	543	477	400	430	170	170	240	1781	1450	175	550	680	640	4	77	812	6 x Ø19 (M16)	704	A125B
100-410	225M	45	150	100	996	543	497	400	430	170	170	240	1841	1550	175	600	680	630	4	77	832	6 x Ø19 (M16)	786	A140A
100-410	250M	55	150	100	996	543	497	400	430	170	170	240	1907	1650	175	650	730	680	4	77	874	6 x Ø19 (M16)	930	A160A
125-215	112M	4	150	125	996	543	473	300	360	170	170	205	1458	1150	150	425	600	560	4	77	748	6 x Ø19 (M16)	474	A110C
125-215	132S	5,5	150	125	996	543	473	300	360	170	170	205	1485	1200	150	450	600	560	4	77	748	6 x Ø19 (M16)	480	A110D
125-215	132M	7,5	150	125	996	543	473	300	360	170	170	205	1485	1200	150	450	600	560	4	77	748	6 x Ø19 (M16)	482	A110D
125-225	112M	4	150	125	996	543	473	300	360	170	170	205	1458	1150	150	425	600	560	4	77	748	6 x Ø19 (M16)	474	A110C
125-225	132S	5,5	150	125	996	543	473	300	360	170	170	205	1485	1200	150	450	600	560	4	77	748	6 x Ø19 (M16)	480	A110D
125-225	132M	7,5	150	125	996	543	473	300	360	170	170	205	1485	1200	150	450	600	560	4	77	748	6 x Ø19 (M16)	482	A110D
125-225	160M	11	150	125	996	543	473	300	360	170	170	205	1604	1350	175	500	600	560	4	77	748	6 x Ø19 (M16)	540	A110E
125-235	132M	7,5	200	125	1108	613	547	350	400	200	200	240	1597	1300	150	500	680	640	4	C.F.	837	6 x Ø19 (M16)	583	A110J
125-235	160M	11	200	125	1108	613	547	350	400	200	200	240	1716	1450	175	550	680	640	4	C.F.	837	6 x Ø19 (M16)	641	A110K
125-235	160L	15	200	125	1108	613	547	350	400	200	200	240	1716	1450	175	550	680	640	4	C.F.	837	6 x Ø19 (M16)	645	A110K
125-245	132M	7,5	200	125	1108	613	547	350	400	200	200	240	1597	1300	150	500	680	640	4	C.F.	837	6 x Ø19 (M16)	582	A110J
125-245	160M	11	200	125	1108	613	547	350	400	200	200	240	1716	1450	175	550	680	640	4	C.F.	837	6 x Ø19 (M16)	640	A110K
125-245	160L	15	200	125	1108	613	547	350	400	200	200	240	1716	1450	175	550	680	640	4	C.F.	837	6 x Ø19 (M16)	644	A110K
125-245	180M	18,5	200	125	1108	613	547	350	400	200	200	240	1813	1500	175	575	680	640	4	C.F.	837	6 x Ø19 (M16)	652	A125C
125-285	160L	15	200	125	1108	613	547	350	400	200	200	240	1716	1450	175	550	680	640	4	C.F.	852	6 x Ø19 (M16)	695	A110K
125-285	180M	18,5	200	125	1108	613	547	350	400	200	200	240	1813	1500	175	575	680	640	4	C.F.	852	6 x Ø19 (M16)	703	A125C
125-285	180L	22	200	125	1108	613	547	350	400	200	200	240	1813	1500	175	575	680	640	4	C.F.	852	6 x Ø19 (M16)	721	A125C
125-285	200L	30	200	125	1108	613	547	350	400	200	200	240	1893	1550	175	600	680	640	4	C.F.	852	6 x Ø19 (M16)	780	A125D
125-300	160L	15	200	125	1108	613	547	350	400	200	200	240	1716	1450	175	550	680	640	4	C.F.	852	6 x Ø19 (M16)	694	A110K
125-300	180M	18,5	200	125	1108	613	547	350	400	200	200	240	1813	1500	175	575	680	640	4	C.F.	852	6 x Ø19 (M16)	702	A125C
125-300	180L	22	200	125	1108	613	547	350	400	200	200	240	1813	1500	175	575	680	640	4	C.F.	852	6 x Ø19 (M16)	720	A125C
125-300	200L	30	200	125	1108	613	547	350	400	200	200	240	1893	1550	175	600	680	640	4	C.F.	852	6 x Ø19 (M16)	779	A125D
125-300	225S	37	200	125	1108	613	567	350	400	200	200	240	1953	1600	175	625	680	630	4	C.F.	890	6 x Ø19 (M16)	830	A140B
125-370	180L	22	200	125	1108	613	547	400	450	200	200	240	1813	1500	175	575	680	640	4	77	887	6 x Ø19 (M16)	721	A125C
125-370	200L	30	200	125	1108	613	547	400	450	200	200	240	1893	1550	175	600	680	640	4	77	887	6 x Ø19 (M16)	780	A125D
125-370	225S	37	200	125	1108	613	567	400	450	200	200	240	1953	1600	175	625	680	630	4	77	907	6 x Ø19 (M16)	831	A140B
125-370	225M	45	200	125	1108	613	567	400	450	200	200	240	1953	1600	175	625	680	630	4	77	907	6 x Ø19 (M16)	862	A140B
125-370	250M	55	200	125	1108	613	567	400	450	200	200	240	2019	1700	175	675	730	680	4	77	944	6 x Ø19 (M16)	1006	A160B
125-370	280S	75	200	125	1108	613	587	400	450	200	200	240	2069	1750	175	700	830	780	4	77	1000	6 x Ø26 (M20)	1219	A180E
125-390	225S	37	200	125	1108	613	567	400	450	200	200	240	1953	1600	175	625	680	630	4	77	907	6 x Ø19 (M16)	830	A140B
125-390	225M	45	200	125	1108	613	567	400	450	200	200	240	1953	1600	175	625	680	630	4	77	907	6 x Ø19 (M16)	861	A140B
125-390	250M	55	200	125	1108	613	567	400	450	200	200	240	2019	1700	175	675	730	680	4	77	944	6 x Ø19 (M16)	1005	A160B
125-390	280S	75	200	125	1108	613	587	400	450	200	200	240	2069	1750	175	700	830	780	4	77	1000	6 x Ø26 (M20)	1218	A180E
125-390	280M	90	200	125	1108	613	587	400	450	200	200	240	2124	1750	175	700	830	780	4	77	1000	6 x Ø26 (M20)	1350	A180E

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

PUMP TYPE eXC SIZE	IEC MOTOR FRAME	1500 [rpm] [kW]	DIMENSIONS [mm]																			H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC					
125-450	200L	30	200	125	1108	613	547	450	500	200	200	290	1893	1600	175	625	730	690	4	77	927	6 x Ø19 (M16)	830	A125D	
125-450	225S	37	200	125	1108	613	567	450	500	200	200	290	1953	1650	175	650	730	680	4	77	947	6 x Ø19 (M16)	881	A140B	
125-450	225M	45	200	125	1108	613	567	450	500	200	200	290	1953	1650	175	650	730	680	4	77	947	6 x Ø19 (M16)	912	A140B	
125-450	250M	55	200	125	1108	613	567	450	500	200	200	290	2019	1750	175	700	730	680	4	77	947	6 x Ø19 (M16)	1056	A160B	
125-450	280S	75	200	125	1108	613	587	450	500	200	200	290	2069	1800	175	725	830	780	4	77	1000	6 x Ø26 (M20)	1269	A180E	
125-450	280M	90	200	125	1108	613	587	450	500	200	200	290	2124	1800	175	725	830	780	4	77	1000	6 x Ø26 (M20)	1401	A180E	
125-475	225S	37	200	125	1108	613	567	450	500	200	200	290	1953	1650	175	650	730	680	4	77	947	6 x Ø19 (M16)	881	A140B	
125-475	225M	45	200	125	1108	613	567	450	500	200	200	290	1953	1650	175	650	730	680	4	77	947	6 x Ø19 (M16)	912	A140B	
125-475	250M	55	200	125	1108	613	567	450	500	200	200	290	2019	1750	175	700	730	680	4	77	947	6 x Ø19 (M16)	1056	A160B	
125-475	280S	75	200	125	1108	613	587	450	500	200	200	290	2069	1800	175	725	830	780	4	77	1000	6 x Ø26 (M20)	1269	A180E	
125-475	280M	90	200	125	1108	613	587	450	500	200	200	290	2124	1800	175	725	830	780	4	77	1000	6 x Ø26 (M20)	1401	A180E	
125-475	315S	110	200	125	1108	613	607	450	500	200	200	290	2268	2050	200	825	910	860	4	77	1164	6 x Ø26 (M20)	1618	A180F	
125-475	315M	132	200	125	1108	613	607	450	500	200	200	290	2268	2050	200	825	910	860	4	77	1132	6 x Ø26 (M20)	1712	A180F	
150-160	100L	2,2	200	150	996	543	507	400	400	160	160	240	1425	1150	150	425	680	640	4	77	782	6 x Ø19 (M16)	477	A110C	
150-160	100L	3	200	150	996	543	507	400	400	160	160	240	1425	1150	150	425	680	640	4	77	782	6 x Ø19 (M16)	476	A110C	
150-160	112M	4	200	150	996	543	507	400	400	160	160	240	1458	1150	150	425	680	640	4	77	782	6 x Ø19 (M16)	494	A110C	
150-160	132S	5,5	200	150	996	543	507	400	400	160	160	240	1485	1250	150	475	680	640	4	77	782	6 x Ø19 (M16)	500	A110D	
150-170	100L	3	200	150	996	543	507	400	400	160	160	240	1425	1150	150	425	680	640	4	77	782	6 x Ø19 (M16)	476	A110C	
150-170	112M	4	200	150	996	543	507	400	400	160	160	240	1458	1150	150	425	680	640	4	77	782	6 x Ø19 (M16)	494	A110C	
150-170	132S	5,5	200	150	996	543	507	400	400	160	160	240	1485	1250	150	475	680	640	4	77	782	6 x Ø19 (M16)	500	A110D	
150-285	180M	18,5	200	150	1178	648	577	400	450	230	230	240	1883	1500	175	575	680	640	4	77	897	6 x Ø19 (M16)	742	A125C	
150-285	180L	22	200	150	1178	648	577	400	450	230	230	240	1883	1500	175	575	680	640	4	77	897	6 x Ø19 (M16)	760	A125C	
150-285	200L	30	200	150	1178	648	577	400	450	230	230	240	1963	1550	175	600	680	640	4	77	897	6 x Ø19 (M16)	819	A125D	
150-285	225S	37	200	150	1178	648	597	400	450	230	230	240	2023	1650	175	650	680	630	4	77	920	6 x Ø19 (M16)	870	A140B	
150-300	180M	18,5	200	150	1178	648	577	400	450	230	230	240	1883	1500	175	575	680	640	4	77	897	6 x Ø19 (M16)	742	A125C	
150-300	180L	22	200	150	1178	648	577	400	450	230	230	240	1883	1500	175	575	680	640	4	77	897	6 x Ø19 (M16)	760	A125C	
150-300	200L	30	200	150	1178	648	577	400	450	230	230	240	1963	1550	175	600	680	640	4	77	897	6 x Ø19 (M16)	819	A125D	
150-300	225S	37	200	150	1178	648	597	400	450	230	230	240	2023	1650	175	650	680	630	4	77	920	6 x Ø19 (M16)	870	A140B	
150-300	225M	45	200	150	1178	648	597	400	450	230	230	240	2023	1650	175	650	680	630	4	77	920	6 x Ø19 (M16)	901	A140B	
150-340	160L	15	200	150	1178	648	577	400	450	230	230	240	1786	1500	175	575	680	640	4	77	922	6 x Ø19 (M16)	745	A110K	
150-340	180M	18,5	200	150	1178	648	577	400	450	230	230	240	1883	1500	175	575	680	640	4	77	922	6 x Ø19 (M16)	753	A125C	
150-340	180L	22	200	150	1178	648	577	400	450	230	230	240	1883	1500	175	575	680	640	4	77	922	6 x Ø19 (M16)	771	A125C	
150-340	200L	30	200	150	1178	648	577	400	450	230	230	240	1963	1550	175	600	680	640	4	77	922	6 x Ø19 (M16)	830	A125D	
150-340	225S	37	200	150	1178	648	597	400	450	230	230	240	2023	1650	175	650	680	630	4	77	942	6 x Ø19 (M16)	881	A140B	
150-340	225M	45	200	150	1178	648	597	400	450	230	230	240	2023	1650	175	650	680	630	4	77	942	6 x Ø19 (M16)	912	A140B	
150-340	250M	55	200	150	1178	648	597	400	450	230	230	240	2089	1750	175	700	730	680	4	77	974	6 x Ø19 (M16)	1056	A160B	
150-355	225S	37	200	150	1178	648	597	400	450	230	230	240	2023	1650	175	650	680	630	4	77	942	6 x Ø19 (M16)	880	A140B	
150-355	225M	45	200	150	1178	648	597	400	450	230	230	240	2023	1650	175	650	680	630	4	77	942	6 x Ø19 (M16)	911	A140B	
150-355	250M	55	200	150	1178	648	597	400	450	230	230	240	2089	1750	175	700	730	680	4	77	974	6 x Ø19 (M16)	1055	A160B	
150-355	280S	75	200	150	1178	648	617	400	450	230	230	240	2139	1800	175	725	830	780	4	77	1030	6 x Ø26 (M20)	1268	A180E	
150-435	225S	37	200	150	1235	678	597	450	500	230	230	240	2080	1700	175	675	680	630	4	89	977	6 x Ø19 (M16)	961	A140C	
150-435	225M	45	200	150	1235	678	597	450	500	230	230	240	2080	1700	175	675	680	630	4	89	977	6 x Ø19 (M16)	992	A140C	
150-435	250M	55	200	150	1235	678	597	450	500	230	230	240	2146	1750	175	700	730	680	4	89	977	6 x Ø19 (M16)	1136	A160C	
150-435	280S	75	200	150	1235	678	617	450	500	230	230	240	2196	1850	200	725	830	780	4	89	1030	6 x Ø26 (M20)	1370	A180H	
150-435	280M	90	200	150	1235	678	617	450	500	230	230	240	2251	1850	200	725	830	780	4	89	1030	6 x Ø26 (M20)	1502	A180H	
150-435	315S	110	200	150	1235	678	637	450	500	230	230	240	2395	2050	200	825	910	860	4	89	1194	6 x Ø26 (M20)	1792	A180J	
150-435	315M	132	200	150	1235	678	637	450	500	230	230	240	2395	2050	200	825	910	860	4	89	1162	6 x Ø26 (M20)	1886	A180J	
150-455	250M	55	200	150	1235	678	597	450	500	230	230	240	2146	1750	175	700	730	680	4	89	977	6 x Ø19 (M16)	1136	A160C	
150-455	280S	75	200	150	1235	678	617	450	500	230	230	240	2196	1850	200	725	830	780	4	89	1030	6 x Ø26 (M20)	1370	A180H	
150-455	280M	90	200	150	1235	678	617	4																	

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimensions are in separate sections.

C.F. ... Consult Factory

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1500 [rpm]	DIMENSIONS [mm]																		H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC				
150-535	280M	90	200	150	1335	743	687	500	600	300	300	320	2351	2000	200	800	910	860	4	89	1127	6 x Ø26 (M20)	1883	A180L
150-535	315S	110	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1264	6 x Ø26 (M20)	2100	A180M
150-535	315M	132	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2194	A180M
150-535	315M	160	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2351	A180M
150-535	315M	200	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2633	A200H
150-535	315M	250	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2417	A200H
150-560	315M	132	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2192	A180M
150-560	315M	160	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2349	A180M
150-560	315M	200	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2631	A200H
150-560	315M	250	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2415	A200H
150-560	355M	315	200	150	1335	743	747	500	600	300	300	320	2806	2350	225	950	1030	960	6	89	1337	6 x Ø29 (M24)	2689	A250D
200-190	112M	4	200	200	1056	573	567	400	450	200	200	240	1518	1200	150	450	680	630	4	77	872	6 x Ø19 (M16)	609	A110C
200-190	132S	5,5	200	200	1056	573	567	400	450	200	200	240	1545	1300	150	500	680	630	4	77	872	6 x Ø19 (M16)	615	A110D
200-190	132M	7,5	200	200	1056	573	567	400	450	200	200	240	1545	1300	150	500	680	630	4	77	872	6 x Ø19 (M16)	617	A110D
200-200	132S	5,5	200	200	1056	573	567	400	450	200	200	240	1545	1300	150	500	680	630	4	77	872	6 x Ø19 (M16)	615	A110D
200-200	132M	7,5	200	200	1056	573	567	400	450	200	200	240	1545	1300	150	500	680	630	4	77	872	6 x Ø19 (M16)	617	A110D
200-200	160M	11	200	200	1056	573	567	400	450	200	200	240	1664	1400	175	525	680	630	4	77	872	6 x Ø19 (M16)	675	A110E
200-235	160M	11	250	200	1178	648	627	400	500	230	230	290	1786	1550	175	600	730	680	4	77	977	6 x Ø19 (M16)	920	A110K
200-235	160L	15	250	200	1178	648	627	400	500	230	230	290	1786	1550	175	600	730	680	4	77	977	6 x Ø19 (M16)	924	A110K
200-235	180M	18,5	250	200	1178	648	627	400	500	230	230	290	1883	1550	175	600	730	680	4	77	977	6 x Ø19 (M16)	932	A125C
200-250	160L	15	250	200	1178	648	627	400	500	230	230	290	1786	1550	175	600	730	680	4	77	977	6 x Ø19 (M16)	924	A110K
200-250	180M	18,5	250	200	1178	648	627	400	500	230	230	290	1883	1550	175	600	730	680	4	77	977	6 x Ø19 (M16)	932	A125C
200-250	180L	22	250	200	1178	648	627	400	500	230	230	290	1883	1550	175	600	730	680	4	77	977	6 x Ø19 (M16)	950	A125C
200-250	200L	30	250	200	1178	648	627	400	500	230	230	290	1963	1600	175	625	730	680	4	77	977	6 x Ø19 (M16)	1009	A125D
200-330	225S	37	250	200	1235	678	667	400	500	270	270	290	2080	1750	175	700	730	680	4	89	1027	6 x Ø19 (M16)	1011	A140C
200-330	225M	45	250	200	1235	678	667	400	500	270	270	290	2080	1750	175	700	730	680	4	89	1027	6 x Ø19 (M16)	1042	A140C
200-330	250M	55	250	200	1235	678	667	400	500	270	270	290	2146	1800	175	725	730	680	4	89	1044	6 x Ø19 (M16)	1186	A160C
200-330	280S	75	250	200	1235	678	687	400	500	270	270	290	2196	1900	200	750	830	780	4	89	1100	6 x Ø26 (M20)	1399	A180H
200-345	225S	37	250	200	1235	678	667	400	500	270	270	290	2080	1750	175	700	730	680	4	89	1027	6 x Ø19 (M16)	1010	A140C
200-345	225M	45	250	200	1235	678	667	400	500	270	270	290	2080	1750	175	700	730	680	4	89	1027	6 x Ø19 (M16)	1041	A140C
200-345	250M	55	250	200	1235	678	667	400	500	270	270	290	2146	1800	175	725	730	680	4	89	1044	6 x Ø19 (M16)	1185	A160C
200-345	280S	75	250	200	1235	678	687	400	500	270	270	290	2196	1900	200	750	830	780	4	89	1100	6 x Ø26 (M20)	1398	A180H
200-345	280M	90	250	200	1235	678	687	400	500	270	270	290	2251	1900	200	750	830	780	4	89	1100	6 x Ø26 (M20)	1530	A180H
200-405	225S	37	250	200	1345	733	667	500	550	270	270	290	2190	1800	175	725	730	680	4	89	1062	6 x Ø19 (M16)	1183	A140C
200-405	225M	45	250	200	1345	733	667	500	550	270	270	290	2190	1800	175	725	730	680	4	89	1062	6 x Ø19 (M16)	1214	A140C
200-405	250M	55	250	200	1345	733	667	500	550	270	270	290	2256	1850	200	725	730	680	4	89	1062	6 x Ø19 (M16)	1358	A160C
200-405	280S	75	250	200	1345	733	687	500	550	270	270	290	2306	1950	200	775	830	780	4	89	1100	6 x Ø26 (M20)	1571	A180H
200-405	280M	90	250	200	1345	733	687	500	550	270	270	290	2361	1950	200	775	830	780	4	89	1100	6 x Ø26 (M20)	1703	A180H
200-405	315S	110	250	200	1345	733	707	500	550	270	270	290	2505	2200	200	900	910	860	4	89	1264	6 x Ø26 (M20)	2001	A180J
200-405	315M	132	250	200	1345	733	707	500	550	270	270	290	2505	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2095	A180J
200-425	280S	75	250	200	1345	733	687	500	550	270	270	290	2306	1950	200	775	830	780	4	89	1100	6 x Ø26 (M20)	1569	A180H
200-425	280M	90	250	200	1345	733	687	500	550	270	270	290	2361	1950	200	775	830	780	4	89	1100	6 x Ø26 (M20)	1701	A180H
200-425	315S	110	250	200	1345	733	707	500	550	270	270	290	2505	2200	200	900	910	860	4	89	1264	6 x Ø26 (M20)	1999	A180J
200-425	315M	132	250	200	1345	733	707	500	550	270	270	290	2505	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2093	A180J
200-425	315M	160	250	200	1345	733	707	500	550	270	270	290	2505	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2250	A180J
200-505	315S	110	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1294	6 x Ø26 (M20)	2183	A180M
200-505	315M	132	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1262	6 x Ø26 (M20)	2277	A180M
200-505	315M	160	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1262	6 x Ø26 (M20)	2434	A180M
200-505	315M	200	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1262	6 x Ø26 (M20)	2716	A200H
200-505	315M	250	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1262	6 x Ø26 (M20)	2500	A200H

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimensions are in separate sections.

C.F. ... Consult Factory

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

PUMP TYPE eXC SIZE	IEC MOTOR FRAME	1500 [rpm] [kW]	DIMENSIONS [mm]																			H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC					
200-530	280M	90	250	200	1335	743	717	500	550	300	300	320	2351	2000	200	800	910	860	4	89	1157	6 x Ø26 (M20)	1963	A180L	
200-530	315S	110	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1294	6 x Ø26 (M20)	2180	A180M	
200-530	315M	132	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1262	6 x Ø26 (M20)	2274	A180M	
200-530	315M	160	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1262	6 x Ø26 (M20)	2431	A180M	
200-530	315M	200	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1262	6 x Ø26 (M20)	2713	A200H	
200-530	315M	250	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1262	6 x Ø26 (M20)	2497	A200H	
200-530	355M	315	250	200	1335	743	777	500	550	300	300	320	2806	2350	225	950	1030	960	6	89	1367	6 x Ø29 (M24)	2771	A250D	
200-530	355M	355	250	200	1335	743	777	500	550	300	300	320	2806	2350	225	950	1030	960	6	89	1367	6 x Ø29 (M24)	2821	A250D	
200-530	355LA	400	250	200	1335	743	777	500	550	300	300	320	3018	2550	225	700	1030	960	6	89	1367	8 x Ø29 (M24)	3298	A250D	
200-625	315M	200	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1332	6 x Ø26 (M20)	3031	A200K	
200-625	315M	250	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1332	6 x Ø26 (M20)	2815	A200K	
200-625	355M	315	250	200	1343	748	847	600	650	350	350	320	2814	2350	225	950	1030	960	6	102	1437	6 x Ø29 (M24)	3089	A250F	
200-625	355M	355	250	200	1343	748	847	600	650	350	350	320	2814	2350	225	950	1030	960	6	102	1437	6 x Ø29 (M24)	3139	A250F	
200-625	355LA	400	250	200	1343	748	847	600	650	350	350	320	3026	2550	225	700	1030	960	6	102	1437	8 x Ø29 (M24)	3616	A250F	
200-625	355LB	450	250	200	1343	748	847	600	650	350	350	320	3026	2550	225	700	1030	960	6	102	1437	8 x Ø29 (M24)	3616	A250F	
200-625	355LC	500	250	200	1343	748	847	600	650	350	350	320	3026	2550	225	700	1030	960	6	102	1437	8 x Ø29 (M24)	3773	A250F	
200-655	315M	250	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1332	6 x Ø26 (M20)	2812	A200K	
200-655	355M	315	250	200	1343	748	847	600	650	350	350	320	2814	2350	225	950	1030	960	6	102	1437	6 x Ø29 (M24)	3086	A250F	
200-655	355M	355	250	200	1343	748	847	600	650	350	350	320	2814	2350	225	950	1030	960	6	102	1437	6 x Ø29 (M24)	3136	A250F	
200-655	355LA	400	250	200	1343	748	847	600	650	350	350	320	3026	2550	225	700	1030	960	6	102	1437	8 x Ø29 (M24)	3613	A250F	
200-655	355LB	450	250	200	1343	748	847	600	650	350	350	320	3026	2550	225	700	1030	960	6	102	1437	8 x Ø29 (M24)	3613	A250F	
200-655	355LC	500	250	200	1343	748	847	600	650	350	350	320	3026	2550	225	700	1030	960	6	102	1437	8 x Ø29 (M24)	3770	A250F	
200-655	400JH	560	250	200	1343	748	907	600	650	350	350	320	3389	2850	225	800	1160	1090	6	102	1526	8 x Ø29 (M24)	4679	A280M	
250-190	132S	5,5	250	250	1106	598	647	450	500	220	220	290	1595	1350	175	500	740	690	4	77	982	6 x Ø26 (M20)	680	A110D	
250-190	132M	7,5	250	250	1106	598	647	450	500	220	220	290	1595	1350	175	500	740	690	4	77	982	6 x Ø26 (M20)	682	A110D	
250-190	160M	11	250	250	1106	598	647	450	500	220	220	290	1714	1500	175	575	740	690	4	77	982	6 x Ø26 (M20)	740	A110E	
250-200	132M	7,5	250	250	1106	598	647	450	500	220	220	290	1595	1350	175	500	740	690	4	77	982	6 x Ø26 (M20)	682	A110D	
250-200	160M	11	250	250	1106	598	647	450	500	220	220	290	1714	1500	175	575	740	690	4	77	982	6 x Ø26 (M20)	740	A110E	
250-200	160L	15	250	250	1106	598	647	450	500	220	220	290	1714	1500	175	575	740	690	4	77	982	6 x Ø26 (M20)	744	A110E	
250-370	280S	75	300	250	1385	768	747	500	550	300	300	320	2346	2000	200	800	910	860	4	89	1160	6 x Ø26 (M20)	1721	A180L	
250-370	280M	90	300	250	1385	768	747	500	550	300	300	320	2401	2000	200	800	910	860	4	89	1160	6 x Ø26 (M20)	1853	A180L	
250-370	315S	110	300	250	1385	768	767	500	550	300	300	320	2545	2250	200	925	910	860	4	89	1324	6 x Ø26 (M20)	2070	A180M	
250-370	315M	132	300	250	1385	768	767	500	550	300	300	320	2545	2250	200	925	910	860	4	89	1292	6 x Ø26 (M20)	2164	A180M	
250-390	280M	90	300	250	1385	768	747	500	550	300	300	320	2401	2000	200	800	910	860	4	89	1160	6 x Ø26 (M20)	1851	A180L	
250-390	315S	110	300	250	1385	768	767	500	550	300	300	320	2545	2250	200	925	910	860	4	89	1324	6 x Ø26 (M20)	2068	A180M	
250-390	315M	132	300	250	1385	768	767	500	550	300	300	320	2545	2250	200	925	910	860	4	89	1292	6 x Ø26 (M20)	2162	A180M	
250-390	315M	160	300	250	1385	768	767	500	550	300	300	320	2545	2250	200	925	910	860	4	89	1292	6 x Ø26 (M20)	2319	A180M	
250-455	315S	110	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1324	6 x Ø26 (M20)	2213	A180L	
250-455	315M	132	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1292	6 x Ø26 (M20)	2307	A180M	
250-455	315M	160	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1292	6 x Ø26 (M20)	2464	A180M	
250-455	315M	200	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1292	6 x Ø26 (M20)	2746	A200H	
250-455	315M	250	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1292	6 x Ø26 (M20)	2530	A200H	
250-480	315S	110	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1324	6 x Ø26 (M20)	2210	A180L	
250-480	315M	132	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1292	6 x Ø26 (M20)	2304	A180M	
250-480	315M	160	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1292	6 x Ø26 (M20)	2461	A180M	
250-480	315M	200	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1292	6 x Ø26 (M20)	2743	A200H	
250-480	315M	250	300	250	1465	808	767																		

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

PUMP TYPE eXC SIZE	IEC MOTOR FRAME	1500 [rpm]	DIMENSIONS [mm]																		H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC				
250-610	355M	315	300	250	1493	838	857	550	650	350	350	320	2964	2450	225	1000	1030	960	6	102	1447	6 x Ø29 (M24)	3154	A250H
250-610	355M	355	300	250	1493	838	857	550	650	350	350	320	2964	2450	225	1000	1030	960	6	102	1447	6 x Ø29 (M24)	3204	A250H
250-610	355LA	400	300	250	1493	838	857	550	650	350	350	320	3176	2650	275	700	1030	960	6	102	1447	8 x Ø29 (M24)	3681	A250H
250-610	355LB	450	300	250	1493	838	857	550	650	350	350	320	3176	2650	275	700	1030	960	6	102	1447	8 x Ø29 (M24)	3681	A250H
250-610	355LC	500	300	250	1493	838	857	550	650	350	350	320	3176	2650	275	700	1030	960	6	102	1447	8 x Ø29 (M24)	3838	A250H
250-610	400JH	560	300	250	1493	838	917	550	650	350	350	320	3539	2950	275	800	1160	1090	6	102	1536	8 x Ø29 (M24)	4747	A280R
250-610	400JH	630	300	250	1493	838	917	550	650	350	350	320	3539	2950	275	800	1160	1090	6	102	1536	8 x Ø29 (M24)	5427	A280R
250-730	355LB	450	300	250	1484	838	1027	650	800	500	500	345	3167	2650	275	700	1030	960	6	77	1647	8 x Ø29 (M24)	4384	A250H
250-730	355LC	500	300	250	1484	838	1027	650	800	500	500	345	3167	2650	275	700	1030	960	6	77	1647	8 x Ø29 (M24)	4541	A250H
250-730	400JH	560	300	250	1484	838	1087	650	800	500	500	345	3530	3000	225	850	1160	1090	6	77	1707	8 x Ø29 (M24)	5450	A280R
250-730	400JH	630	300	250	1484	838	1087	650	800	500	500	345	3530	3000	225	850	1160	1090	6	77	1707	8 x Ø29 (M24)	6130	A280R
250-730	450LK	710	300	250	1484	838	1127	650	800	500	500	345	3594	3050	250	850	1250	1160	6	77	1747	8 x Ø29 (M24)	6314	A315H
250-730	450HGF	800	300	250	1484	838	1127	650	800	500	500	345	3975	3250	275	900	1250	1160	6	77	1842	8 x Ø29 (M24)	6679	A315H
250-730	450HGF	900	300	250	1484	838	1127	650	800	500	500	345	3975	3250	275	900	1250	1160	6	77	1842	8 x Ø29 (M24)	7044	A315H
250-770	450HGF	800	300	250	1484	838	1127	650	800	500	500	345	3975	3250	275	900	1250	1160	6	77	1842	8 x Ø29 (M24)	6679	A315H
250-770	450HGF	900	300	250	1484	838	1127	650	800	500	500	345	3975	3250	275	900	1250	1160	6	77	1842	8 x Ø29 (M24)	7044	A315H
250-770	450HGF	1000	300	250	1484	838	1127	650	800	500	500	345	3975	3250	275	900	1250	1160	6	77	1842	8 x Ø29 (M24)	7068	A350H
250-770	450HGF	1100	300	250	1484	838	1127	650	800	500	500	345	3975	3250	275	900	1250	1160	6	77	1842	8 x Ø29 (M24)	7548	A350H
300-215	180M	18,5	300	300	1298	708	737	450	550	270	270	290	2003	1650	175	650	750	700	4	77	1117	6 x Ø26 (M20)	1212	A125C
300-215	180L	22	300	300	1298	708	737	450	550	270	270	290	2003	1650	175	650	750	700	4	77	1117	6 x Ø26 (M20)	1230	A125C
300-215	200L	30	300	300	1298	708	737	450	550	270	270	290	2083	1700	175	675	750	700	4	77	1117	6 x Ø26 (M20)	1289	A125D
300-225	180L	22	300	300	1298	708	737	450	550	270	270	290	2003	1650	175	650	750	700	4	77	1117	6 x Ø26 (M20)	1230	A125C
300-225	200L	30	300	300	1298	708	737	450	550	270	270	290	2083	1700	175	675	750	700	4	77	1117	6 x Ø26 (M20)	1289	A125D
300-245	180M	18,5	300	300	1218	668	737	500	600	270	270	290	1923	1600	175	625	750	700	4	77	1127	6 x Ø26 (M20)	1182	A125C
300-245	180L	22	300	300	1218	668	737	500	600	270	270	290	1923	1600	175	625	750	700	4	77	1127	6 x Ø26 (M20)	1200	A125C
300-245	200L	30	300	300	1218	668	737	500	600	270	270	290	2003	1650	175	650	750	700	4	77	1127	6 x Ø26 (M20)	1259	A125D
300-255	200L	30	300	300	1218	668	737	500	600	270	270	290	2003	1650	175	650	750	700	4	77	1127	6 x Ø26 (M20)	1259	A125D
300-255	225S	37	300	300	1218	668	737	500	600	270	270	290	2063	1750	175	700	750	700	4	77	1127	6 x Ø26 (M20)	1310	A140B
300-255	225M	45	300	300	1218	668	737	500	600	270	270	290	2063	1750	175	700	750	700	4	77	1127	6 x Ø26 (M20)	1341	A140B
300-315	250M	55	350	300	1385	768	807	500	650	300	300	320	2296	1950	200	775	910	860	4	89	1247	6 x Ø26 (M20)	1734	A160D
300-315	280S	75	350	300	1385	768	807	500	650	300	300	320	2346	2000	200	800	910	860	4	89	1247	6 x Ø26 (M20)	1947	A180L
300-315	280M	90	350	300	1385	768	807	500	650	300	300	320	2401	2000	200	800	910	860	4	89	1247	6 x Ø26 (M20)	2079	A180L
300-330	280S	75	350	300	1385	768	807	500	650	300	300	320	2346	2000	200	800	910	860	4	89	1247	6 x Ø26 (M20)	1947	A180L
300-330	280M	90	350	300	1385	768	807	500	650	300	300	320	2401	2000	200	800	910	860	4	89	1247	6 x Ø26 (M20)	2079	A180L
300-330	315S	110	350	300	1385	768	807	500	650	300	300	320	2545	2250	200	925	910	860	4	89	1364	6 x Ø26 (M20)	2296	A180M
300-430	315M	132	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1412	6 x Ø26 (M20)	2520	A180Y
300-430	315M	160	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1412	6 x Ø26 (M20)	2677	A180Y
300-430	315M	200	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1412	6 x Ø26 (M20)	2959	A200K
300-430	315M	250	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1412	6 x Ø26 (M20)	2743	A200K
300-450	315M	160	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1412	6 x Ø26 (M20)	2674	A180Y
300-450	315M	200	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1412	6 x Ø26 (M20)	2956	A200K
300-450	315M	250	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1412	6 x Ø26 (M20)	2740	A200K
300-450	355M	315	400	300	1435	793	927	600	650	350	350	345	2906	2450	225	1000	1030	960	6	102	1517	6 x Ø29 (M24)	3067	A250F
300-450	355M	355	400	300	1435	793	927	600	650	350	350	345	2906	2450	225	1000	1030	960	6	102	1517	6 x Ø29 (M24)	3117	A250F
300-525	315M	200	400	300	1635	908	887	600	650	350	350	345	2795	2400	225	975	1030	980	4	102	1412	6 x Ø26 (M20)	3389	A200W
300-525	315M	250	400	300	1635	908	887	600	650	350	350	345	2795	2400	225	975	1030	980	4	102	1412	6 x Ø26 (M20)	3173	A200W
300-525	355M	315	400	300	1635	908	927	600	650	350	350	345	3106	2550	225	700	1030	960	6	102	1517	8 x Ø29 (M24)	3447	A250H
300-525	355M	355	400	300	1635	908	927	600	650	350	350	345	3106	2550	225	700	1030	960	6	102	1517	8 x Ø29 (M24)	3497	A250H
300-525	355LA	400	400	300	1635	908	927	600	650	350	350	345	3318	2750	250	750	1030	960	6	102	1517	8 x Ø29 (M24)	4089	A250H
300-525	355LB	450	400	300	1635	908	927	600	650	350	350	345	3318	2750	250	750	1030	960	6	102	1517	8 x Ø29 (M24)	4089	A250H
300-525	355LC	500	400	300	1635	908	927	600	650	350	350	345	3318	2750	250	750	1030	960	6	102	1517	8 x Ø29 (M24)	4246	A250H
300-525	400JH	560	400	300	1635	908	987	600	650	350	350	345	3681	3050	250	850	1160	1090	6	102	1606	8 x Ø29 (M24)	5040	A280R

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimensions are in separate sections.

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1500 [rpm]	DIMENSIONS [mm]																		H	z x s	WEIGHT	COUPLING TYPE
			SIZE	DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE				
300-550	315M	250	400	300	1635	908	887	600	650	350	350	345	2795	2400	225	975	1030	980	4	102	1412	6 x Ø26 (M20)	3170	A200W
300-550	355M	315	400	300	1635	908	927	600	650	350	350	345	3106	2550	225	700	1030	960	6	102	1517	8 x Ø29 (M24)	3444	A250H
300-550	355M	355	400	300	1635	908	927	600	650	350	350	345	3106	2550	225	700	1030	960	6	102	1517	8 x Ø29 (M24)	3494	A250H
300-550	355LA	400	400	300	1635	908	927	600	650	350	350	345	3318	2750	250	750	1030	960	6	102	1517	8 x Ø29 (M24)	4086	A250H
300-550	355LB	450	400	300	1635	908	927	600	650	350	350	345	3318	2750	250	750	1030	960	6	102	1517	8 x Ø29 (M24)	4086	A250H
300-550	355LC	500	400	300	1635	908	927	600	650	350	350	345	3318	2750	250	750	1030	960	6	102	1517	8 x Ø29 (M24)	4243	A250H
300-550	400JH	560	400	300	1635	908	987	600	650	350	350	345	3681	3050	250	850	1160	1090	6	102	1606	8 x Ø29 (M24)	5037	A280R
300-550	400JH	630	400	300	1635	908	987	600	650	350	350	345	3681	3050	250	850	1160	1090	6	102	1606	8 x Ø29 (M24)	5717	A280R
300-680	400JH	560	400	300	1615	898	1042	650	800	400	400	410	3661	3100	275	850	1200	1130	6	115	1661	8 x Ø29 (M24)	5050	A280V
300-680	400JH	630	400	300	1615	898	1042	650	800	400	400	410	3661	3100	275	850	1200	1130	6	115	1661	8 x Ø29 (M24)	5730	A280V
300-680	450LK	710	400	300	1615	898	1082	650	800	400	400	410	3725	3150	300	850	1250	1160	6	115	1701	8 x Ø29 (M24)	5914	A315K
300-680	450HGF	800	400	300	1615	898	1082	650	800	400	400	410	4106	3400	275	950	1250	1160	6	115	1797	8 x Ø29 (M24)	6279	A315K
300-680	450HGF	900	400	300	1615	898	1082	650	800	400	400	410	4106	3400	275	950	1250	1160	6	115	1797	8 x Ø29 (M24)	6644	A315K
300-680	450HGF	1000	400	300	1615	898	1082	650	800	400	400	410	4106	3400	275	950	1250	1160	6	115	1797	8 x Ø29 (M24)	6668	A350L
300-705	450LK	710	400	300	1615	898	1082	650	800	400	400	410	3725	3150	300	850	1250	1160	6	115	1701	8 x Ø29 (M24)	5914	A315K
300-705	450HGF	800	400	300	1615	898	1082	650	800	400	400	410	4106	3400	275	950	1250	1160	6	115	1797	8 x Ø29 (M24)	6279	A315K
300-705	450HGF	900	400	300	1615	898	1082	650	800	400	400	410	4106	3400	275	950	1250	1160	6	115	1797	8 x Ø29 (M24)	6644	A315K
300-705	450HGF	1000	400	300	1615	898	1082	650	800	400	400	410	4106	3400	275	950	1250	1160	6	115	1797	8 x Ø29 (M24)	6668	A350L
300-705	450HGF	1100	400	300	1615	898	1082	650	800	400	400	410	4106	3400	275	950	1250	1160	6	115	1797	8 x Ø29 (M24)	7148	A350L
300-705	500HGF	1250	400	300	1615	898	1082	650	800	400	400	410	4359	3650	275	775	1250	1160	6	115	1817	10 x Ø29 (M24)	7823	A350M
350-285	225M	45	350	350	1298	708	847	500	650	300	300	320	2143	1800	175	725	930	860	4	77	1277	6 x Ø29 (M24)	1572	A140B
350-285	250M	55	350	350	1298	708	847	500	650	300	300	320	2209	1850	200	725	930	860	4	77	1277	6 x Ø29 (M24)	1716	A160B
350-300	250M	55	350	350	1298	708	847	500	650	300	300	320	2209	1850	200	725	930	860	4	77	1277	6 x Ø29 (M24)	1715	A160B
350-300	280S	75	350	350	1298	708	847	500	650	300	300	320	2259	1950	200	775	930	860	4	77	1277	6 x Ø29 (M24)	1928	A180E
350-300	280M	90	350	350	1298	708	847	500	650	300	300	320	2314	1950	200	775	930	860	4	77	1277	6 x Ø29 (M24)	2060	A180E
350-365	315S	110	400	350	1435	793	927	550	700	350	350	345	2595	2300	200	950	1030	960	4	102	1484	6 x Ø29 (M24)	2726	A180X
350-365	315M	132	400	350	1435	793	927	550	700	350	350	345	2595	2300	200	950	1030	960	4	102	1452	6 x Ø29 (M24)	2820	A180Y
350-365	315M	160	400	350	1435	793	927	550	700	350	350	345	2595	2300	200	950	1030	960	4	102	1452	6 x Ø29 (M24)	2977	A180Y
350-365	315M	200	400	350	1435	793	927	550	700	350	350	345	2595	2300	200	950	1030	960	4	102	1452	6 x Ø29 (M24)	3259	A200K
350-385	315M	132	400	350	1435	793	927	550	700	350	350	345	2595	2300	200	950	1030	960	4	102	1452	6 x Ø29 (M24)	2818	A180Y
350-385	315M	160	400	350	1435	793	927	550	700	350	350	345	2595	2300	200	950	1030	960	4	102	1452	6 x Ø29 (M24)	2975	A180Y
350-385	315M	200	400	350	1435	793	927	550	700	350	350	345	2595	2300	200	950	1030	960	4	102	1452	6 x Ø29 (M24)	3257	A200K
350-430	315M	200	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1567	6 x Ø29 (M24)	3686	A200W
350-430	315M	250	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1567	6 x Ø29 (M24)	3470	A200W
350-430	355M	315	450	350	1635	908	1012	650	800	400	400	410	3106	2600	250	700	1160	1090	6	102	1602	8 x Ø29 (M24)	3744	A250H
350-430	355M	355	450	350	1635	908	1012	650	800	400	400	410	3106	2600	250	700	1160	1090	6	102	1602	8 x Ø29 (M24)	3794	A250H
350-450	315M	250	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1567	6 x Ø29 (M24)	3467	A200W
350-450	355M	315	450	350	1635	908	1012	650	800	400	400	410	3106	2600	250	700	1160	1090	6	102	1602	8 x Ø29 (M24)	3741	A250H
350-450	355M	355	450	350	1635	908	1012	650	800	400	400	410	3106	2600	250	700	1160	1090	6	102	1602	8 x Ø29 (M24)	3791	A250H
350-450	355LA	400	450	350	1635	908	1012	650	800	400	400	410	3318	2800	275	750	1160	1090	6	102	1602	8 x Ø29 (M24)	4268	A250H
350-505	315M	250	450	350	1635	908	1012	650	700	400	400	410	2795	2450	225	1000	1160	1090	4	102	1537	6 x Ø29 (M24)	3403	A200W
350-505	355M	315	450	350	1635	908	1012	650	700	400	400	410	3106	2600	250	700	1160	1090	6	102	1602	8 x Ø29 (M24)	3677	A250H
350-505	355M	355	450	350	1635	908	1012	650	700	400	400	410	3106	2600	250	700	1160	1090	6	102	1602	8 x Ø29 (M24)	3727	A250H
350-505	355LA	400	450	350	1635	908	1012	650	700	400	400	410	3318	2800	275	750	1160	1090	6	102	1602	8 x Ø29 (M24)	4204	A250H
350-505	355LB	450	450	350	1635	908	1012	650	700	400	400	410	3318	2800	275	750	1160	1090	6	102	1602	8 x Ø29 (M24)	4204	A250H
350-505	355LC	500	450	350	1635	908	1012	650	700	400	400	410	3318	2800	275	750	1160	1090	6	102	1602	8 x Ø29 (M24)</		

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 4 POLES

PUMP TYPE eXC SIZE	IEC MOTOR FRAME	1500 [rpm] [kW]	DIMENSIONS [mm]																				H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC						
350-655	355LC	500	400	350	1745	983	1132	750	900	480	480	460	3428	2950	275	800	1410	1340	6	115	1737	8 x Ø29 (M24)	5156	A280AC		
350-655	400JH	560	400	350	1745	983	1132	750	900	480	480	460	3791	3250	275	900	1410	1340	6	115	1751	8 x Ø29 (M24)	6055	A280AE		
350-655	400JH	630	400	350	1745	983	1172	750	900	480	480	460	3791	3250	275	900	1410	1320	6	115	1791	8 x Ø29 (M24)	6735	A280AE		
350-655	450LK	710	400	350	1745	983	1172	750	900	480	480	460	3855	3300	300	900	1410	1320	6	115	1791	8 x Ø29 (M24)	6919	A315N		
350-655	450HGF	800	400	350	1745	983	1172	750	900	480	480	460	4236	3550	275	1000	1410	1320	6	115	1887	8 x Ø29 (M24)	7284	A315N		
350-655	450HGF	900	400	350	1745	983	1172	750	900	480	480	460	4236	3550	275	1000	1410	1320	6	115	1887	8 x Ø29 (M24)	7649	A315N		
350-655	450HGF	1000	400	350	1745	983	1172	750	900	480	480	460	4236	3550	275	1000	1410	1320	6	115	1887	8 x Ø29 (M24)	7673	A350P		
350-655	450HGF	1100	400	350	1745	983	1172	750	900	480	480	460	4236	3550	275	1000	1410	1320	6	115	1887	8 x Ø29 (M24)	8153	A350P		
350-655	500HGF	1250	400	350	1745	983	1172	750	900	480	480	460	4489	3800	300	800	1410	1320	6	115	1907	10 x Ø29 (M24)	8828	A350Q		
350-690	400JH	560	400	350	1745	983	1132	750	900	480	480	460	3791	3250	275	900	1410	1340	6	115	1751	8 x Ø29 (M24)	6050	A280AE		
350-690	400JH	630	400	350	1745	983	1172	750	900	480	480	460	3791	3250	275	900	1410	1320	6	115	1791	8 x Ø29 (M24)	6730	A280AE		
350-690	450LK	710	400	350	1745	983	1172	750	900	480	480	460	3855	3300	300	900	1410	1320	6	115	1791	8 x Ø29 (M24)	6914	A315N		
350-690	450HGF	800	400	350	1745	983	1172	750	900	480	480	460	4236	3550	275	1000	1410	1320	6	115	1887	8 x Ø29 (M24)	7279	A315N		
350-690	450HGF	900	400	350	1745	983	1172	750	900	480	480	460	4236	3550	275	1000	1410	1320	6	115	1887	8 x Ø29 (M24)	7644	A315N		
350-690	450HGF	1000	400	350	1745	983	1172	750	900	480	480	460	4236	3550	275	1000	1410	1320	6	115	1887	8 x Ø29 (M24)	7668	A350P		
350-690	450HGF	1100	400	350	1745	983	1172	750	900	480	480	460	4236	3550	275	1000	1410	1320	6	115	1887	8 x Ø29 (M24)	8148	A350P		
350-690	500HGF	1250	400	350	1745	983	1172	750	900	480	480	460	4489	3800	300	800	1410	1320	6	115	1907	10 x Ø29 (M24)	8823	A350Q		
350-745	450HGF	1100	400	350	1963	1093	1132	750	900	450	450	460	4454	3650	275	775	1410	1320	6	77	1847	10 x Ø29 (M24)	8573	A350S		
350-745	500HGF	1250	400	350	1963	1093	1132	750	900	450	450	460	4707	3900	300	825	1410	1320	6	77	1867	10 x Ø29 (M24)	9248	A350T		
350-780	450HGF	1100	400	350	1963	1093	1132	750	900	450	450	460	4454	3650	275	775	1410	1320	6	77	1847	10 x Ø29 (M24)	8568	A350S		
350-780	500HGF	1250	400	350	1963	1093	1132	750	900	450	450	460	4707	3900	300	825	1410	1320	6	77	1867	10 x Ø29 (M24)	9243	A350T		
400-325	280S	75	400	400	1465	793	987	600	750	350	350	345	2426	2050	200	825	1060	990	4	89	1467	6 x Ø29 (M24)	2470	A180H		
400-325	280M	90	400	400	1465	793	987	600	750	350	350	345	2481	2050	200	825	1060	990	4	89	1467	6 x Ø29 (M24)	2602	A180H		
400-325	315S	110	400	400	1465	793	987	600	750	350	350	345	2625	2300	200	950	1060	990	4	89	1544	6 x Ø29 (M24)	2819	A180J		
400-340	315S	110	400	400	1465	793	987	600	750	350	350	345	2625	2300	200	950	1060	990	4	89	1544	6 x Ø29 (M24)	2819	A180H		
400-340	315M	132	400	400	1465	793	987	600	750	350	350	345	2625	2300	200	950	1060	990	4	89	1512	6 x Ø29 (M24)	2913	A180J		
400-340	315M	160	400	400	1465	793	987	600	750	350	350	345	2625	2300	200	950	1060	990	4	89	1512	6 x Ø29 (M24)	3070	A180J		
400-550	400JH	630	500	400	1835	1028	1202	700	800	450	450	410	3881	3250	275	900	1210	1120	6	77	1821	8 x Ø29 (M24)	6800	A280AE		
400-550	450LK	710	500	400	1835	1028	1202	700	800	450	450	410	3945	3300	300	900	1250	1160	6	77	1821	8 x Ø29 (M24)	6984	A315N		
400-550	450HGF	800	500	400	1835	1028	1202	700	800	450	450	410	4326	3500	325	950	1250	1160	6	77	1917	8 x Ø29 (M24)	7349	A315N		
400-550	450HGF	900	500	400	1835	1028	1202	700	800	450	450	410	4326	3500	325	950	1250	1160	6	77	1917	8 x Ø29 (M24)	7714	A315N		
400-580	400JH	630	500	400	1835	1028	1202	700	800	450	450	410	3881	3250	275	900	1210	1120	6	77	1821	8 x Ø29 (M24)	6800	A280AE		
400-580	450LK	710	500	400	1835	1028	1202	700	800	450	450	410	3945	3300	300	900	1250	1160	6	77	1821	8 x Ø29 (M24)	6984	A315N		
400-580	450HGF	800	500	400	1835	1028	1202	700	800	450	450	410	4326	3500	325	950	1250	1160	6	77	1917	8 x Ø29 (M24)	7349	A315N		
400-580	450HGF	900	500	400	1835	1028	1202	700	800	450	450	410	4326	3500	325	950	1250	1160	6	77	1917	8 x Ø29 (M24)	7714	A315N		
400-580	450HGF	1000	500	400	1835	1028	1202	700	800	450	450	410	4326	3500	325	950	1250	1160	6	77	1917	8 x Ø29 (M24)	7738	A350P		
400-580	450HGF	1100	500	400	1835	1028	1202	700	800	450	450	410	4326	3500	325	950	1250	1160	6	77	1917	8 x Ø29 (M24)	8218	A350P		
400-580	500HGF	1250	500	400	1835	1028	1202	700	800	450	450	410	4579	3800	300	800	1250	1160	6	77	1937	10 x Ø29 (M24)	8893	A350Q		
450-370	315M	160	500	450	1585	868	1112	650	850	400	400	410	2745	2450	225	1000	1200	1130	4	89	1647	6 x Ø29 (M24)	3591	A180M		
450-370	315M	200	500	450	1585	868	1112	650	850	400	400	410	2745	2450	225	1000	1200	1130	4	89	1647	6 x Ø29 (M24)	3873	A200H		
450-390	315M	200	500	450	1585	868	1112	650	850	400	400	410	2745	2450	225	1000	1200	1130	4	89	1647	6 x Ø29 (M24)	3873	A200H		
450-390	315M	250	500	450	1585	868	1112	650	850	400	400	410	2745	2450	225	1000	1200	1130	4	89	1647	6 x Ø29 (M24)	3657	A200H		
450-390	355M	315	500	450	1585	868	1112	650	850	400	400	410	3056	2550	225	700	1200	1130	6	89	1702	8 x Ø29 (M24)	3931	A250D		
500-430	355M	355	600	500	1775	978	1242	750	1000	480	480	460	3246	2750	250	750	1410	1340	6	102	1847	8 x Ø29 (M24)	4954	A250H		
500-430	355LA	400	600	500	1775	978	1242	750	1000	480	480	460	3458	2900	250	800	1410	1340	6	102	1847	8 x Ø29 (M24)	5431	A250H		
500-430	355LB	450	600	500	1775	978	1242	750	1000	480	480	460	3458	2900	250	800	1410	1340	6	102	1847	8 x Ø29 (M24)	5431	A250H		
500-450	355LB	450	600	500	1775	978	1242	750	1000	480	480	460	3458	2900	250	800	1410	1340	6	102	1847	8 x Ø29 (M24)	5431	A250H		
500-450	355LC	500	600	500	1775	978	1242	750	1000	480	480	460	3458	2900	250	800	1410	1340	6	102	1847	8 x Ø29 (M24)	5588	A250H		
500-450	400JH	560	600	500	1775	978	1242	750	1000	480	480															

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25/PN40 and ASME/ANSI B16.1 #125/#250 and B16.5 #150/#300 as standard Flat Face.

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Flange drilling dimensions and additional Pump dimensions are in separate sections.

C.F. ... Consult Factory

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																		H	z x s		WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC		max.	FOR SCREWS		
80-205	L90L	1,1	125	80	996	543	443	300	300	160	160	205	1360	1100	150	800	600	560	4	115	698	4 x Ø19 (M16)	362	A110B	
80-205	100L	1,5	125	80	996	543	443	300	300	160	160	205	1376	1100	150	800	600	560	4	115	698	4 x Ø19 (M16)	368	A110C	
80-215	L90L	1,1	125	80	996	543	443	300	300	160	160	205	1360	1100	150	800	600	560	4	115	698	4 x Ø19 (M16)	362	A110B	
80-215	100L	1,5	125	80	996	543	443	300	300	160	160	205	1376	1100	150	800	600	560	4	115	698	4 x Ø19 (M16)	368	A110C	
80-270	100L	1,5	125	80	996	543	443	300	350	160	160	205	1376	1100	150	800	600	560	4	77	723	4 x Ø19 (M16)	439	A110C	
80-270	112M	2,2	125	80	996	543	443	300	350	160	160	205	1393	1100	150	800	600	560	4	77	723	4 x Ø19 (M16)	453	A110C	
80-270	132S	3	125	80	996	543	443	300	350	160	160	205	1429	1200	150	450	600	560	4	77	723	6 x Ø19 (M16)	444	A110D	
80-270	132M	4	125	80	996	543	443	300	350	160	160	205	1469	1200	150	450	600	560	4	77	723	6 x Ø19 (M16)	453	A110D	
80-285	100L	1,5	125	80	996	543	443	300	350	160	160	205	1376	1100	150	800	600	560	4	115	723	4 x Ø19 (M16)	438	A110C	
80-285	112M	2,2	125	80	996	543	443	300	350	160	160	205	1393	1100	150	800	600	560	4	115	723	4 x Ø19 (M16)	452	A110C	
80-285	132S	3	125	80	996	543	443	300	350	160	160	205	1429	1200	150	450	600	560	4	115	723	6 x Ø19 (M16)	443	A110D	
80-285	132M	4	125	80	996	543	443	300	350	160	160	205	1469	1200	150	450	600	560	4	115	723	6 x Ø19 (M16)	452	A110D	
80-300	100L	1,5	125	80	996	543	493	300	370	210	210	205	1376	1100	150	800	600	560	4	77	798	4 x Ø19 (M16)	480	A110C	
80-300	112M	2,2	125	80	996	543	493	300	370	210	210	205	1393	1100	150	800	600	560	4	77	798	4 x Ø19 (M16)	494	A110C	
80-300	132S	3	125	80	996	543	493	300	370	210	210	205	1429	1200	150	450	600	560	4	77	798	6 x Ø19 (M16)	485	A110D	
80-315	L90L	1,1	125	80	996	543	493	300	370	210	210	205	1360	1100	150	800	600	560	4	77	798	4 x Ø19 (M16)	473	A110B	
80-315	100L	1,5	125	80	996	543	493	300	370	210	210	205	1376	1100	150	800	600	560	4	77	798	4 x Ø19 (M16)	479	A110C	
80-315	112M	2,2	125	80	996	543	493	300	370	210	210	205	1393	1100	150	800	600	560	4	77	798	4 x Ø19 (M16)	493	A110C	
80-315	132S	3	125	80	996	543	493	300	370	210	210	205	1429	1200	150	450	600	560	4	77	798	6 x Ø19 (M16)	484	A110D	
80-315	132M	4	125	80	996	543	493	300	370	210	210	205	1469	1200	150	450	600	560	4	77	798	6 x Ø19 (M16)	493	A110D	
80-330	112M	2,2	125	80	996	543	443	350	380	160	160	205	1393	1100	150	800	600	560	4	77	743	4 x Ø19 (M16)	447	A110C	
80-330	132S	3	125	80	996	543	443	350	380	160	160	205	1429	1200	150	450	600	560	4	77	743	6 x Ø19 (M16)	438	A110D	
80-330	132M	4	125	80	996	543	443	350	380	160	160	205	1469	1200	150	450	600	560	4	77	743	6 x Ø19 (M16)	447	A110D	
80-330	132M	5,5	125	80	996	543	443	350	380	160	160	205	1469	1200	150	450	600	560	4	77	743	6 x Ø19 (M16)	447	A110D	
80-345	112M	2,2	125	80	996	543	443	350	380	160	160	205	1393	1100	150	800	600	560	4	77	743	4 x Ø19 (M16)	447	A110C	
80-345	132S	3	125	80	996	543	443	350	380	160	160	205	1429	1200	150	450	600	560	4	77	743	6 x Ø19 (M16)	438	A110D	
80-345	132M	4	125	80	996	543	443	350	380	160	160	205	1469	1200	150	450	600	560	4	77	743	6 x Ø19 (M16)	447	A110D	
80-345	132M	5,5	125	80	996	543	443	350	380	160	160	205	1469	1200	150	450	600	560	4	77	743	6 x Ø19 (M16)	447	A110D	
100-250	L90L	1,1	150	100	996	543	473	330	350	170	170	205	1360	1100	150	800	600	560	4	77	758	4 x Ø19 (M16)	424	A110B	
100-250	100L	1,5	150	100	996	543	473	330	350	170	170	205	1376	1100	150	800	600	560	4	77	758	4 x Ø19 (M16)	430	A110C	
100-250	112M	2,2	150	100	996	543	473	330	350	170	170	205	1393	1100	150	800	600	560	4	77	758	4 x Ø19 (M16)	444	A110C	
100-250	132S	3	150	100	996	543	473	330	350	170	170	205	1429	1200	150	450	600	560	4	77	758	6 x Ø19 (M16)	435	A110D	
100-260	112M	2,2	150	100	996	543	473	330	350	170	170	205	1393	1100	150	800	600	560	4	77	758	4 x Ø19 (M16)	443	A110C	
100-260	132S	3	150	100	996	543	473	330	350	170	170	205	1429	1200	150	450	600	560	4	77	758	6 x Ø19 (M16)	434	A110D	
100-260	132M	4	150	100	996	543	473	330	350	170	170	205	1469	1200	150	450	600	560	4	77	758	6 x Ø19 (M16)	443	A110D	
100-310	112M	2,2	150	100	1018	568	473	350	400	170	170	205	1415	1150	150	425	600	560	4	77	773	6 x Ø19 (M16)	474	A110H	
100-310	132S	3	150	100	1018	568	473	350	400	170	170	205	1451	1250	150	475	600	560	4	77	773	6 x Ø19 (M16)	465	A110J	
100-310	132M	4	150	100	1018	568	473	350	400	170	170	205	1491	1250	150	475	600	560	4	77	773	6 x Ø19 (M16)	474	A110J	
100-310	132M	5,5	150	100	1018	568	473	350	400	170	170	205	1491	1250	150	475	600	560	4	77	773	6 x Ø19 (M16)	474	A110J	
100-310	160M	7,5	150	100	1018	568	473	350	400	170	170	205	1631,5	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	474	A110K	
100-325	112M	2,2	150	100	1018	568	473	350	400	170	170	205	1415	1150	150	425	600	560	4	77	773	6 x Ø19 (M16)	473	A110H	
100-325	132S	3	150	100	1018	568	473	350	400	170	170	205	1451	1250	150	475	600	560	4	77	773	6 x Ø19 (M16)	464	A110J	
100-325	132M	4	150	100	1018	568	473	350	400	170	170	205	1491	1250	150	475	600	560	4	77	773	6 x Ø19 (M16)	473	A110J	
100-325	132M	5,5	150	100	1018	568	473	350	400	170	170	205	1491	1250	150	475	600	560	4	77	773	6 x Ø19 (M16)	473	A110J	
100-325	160M	7,5	150	100	1018	568	473	350	400	170	170	205	1631,5	1350	175	500	600	560	4	77	773	6 x Ø19 (M16)	473	A110K	
100-390	112M	2,2	150	100	996	543	477	400	430	170	170	240	1393	1150	150	425	680	640	4	77	812	6 x Ø19 (M16)	538	A110C	
100-390	132S	3	150	100	996	543	477	400	430	170	170	240	1429	1250	150	475	680	640	4	77	812	6 x Ø19 (M16)	529	A110D	
100-390	132M	4	150	100	996	543	477	400	430	170	170	240	1469	1250	150	475	680	640	4	77	812	6 x Ø19 (M16)	538	A110D	
100-390	132M	5,5	150	100	996	543	477	400	430	170	170	240	1469	1250	150	475	680	640	4	77	812	6 x Ø19 (M16)	538	A110D	
100-390	160M	7,5	150	100	996	543	477	400	430	170	170	240	1609,5	1350	175	500	680	640	4	77	812	6 x Ø19 (M16)	538	A110E	
100-390	160L	11	150	100	996	543	477	400	430	170	170	240	1654,5	1350	175	500	680	640	4	77	812	6 x Ø19 (M16)	595	A110E	

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

eXC_gpm10_en_2_101

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																			WEIGHT [kg]	COUPLING TYPE	
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC	H			z x s
																					max.			FOR SCREWS
Size		[kW]																						
100-410	132S	3	150	100	996	543	477	400	430	170	170	240	1429	1250	150	475	680	640	4	77	812	6 x Ø19 (M16)	529	A110D
100-410	132M	4	150	100	996	543	477	400	430	170	170	240	1469	1250	150	475	680	640	4	77	812	6 x Ø19 (M16)	538	A110D
100-410	132M	5,5	150	100	996	543	477	400	430	170	170	240	1469	1250	150	475	680	640	4	77	812	6 x Ø19 (M16)	538	A110D
100-410	160M	7,5	150	100	996	543	477	400	430	170	170	240	1609,5	1350	175	500	680	640	4	77	812	6 x Ø19 (M16)	538	A110E
100-410	160L	11	150	100	996	543	477	400	430	170	170	240	1654,5	1350	175	500	680	640	4	77	812	6 x Ø19 (M16)	595	A110E
100-410	180L	15	150	100	996	543	477	400	430	170	170	240	1701	1400	175	525	680	640	4	77	812	6 x Ø19 (M16)	624	A125
125-215	L90L	1,1	150	125	996	543	473	300	360	170	170	205	1360	1100	150	800	600	560	4	77	748	4 x Ø19 (M16)	443	A110B
125-215	100L	1,5	150	125	996	543	473	300	360	170	170	205	1376	1100	150	800	600	560	4	77	748	4 x Ø19 (M16)	449	A110C
125-215	112M	2,2	150	125	996	543	473	300	360	170	170	205	1393	1100	150	800	600	560	4	77	748	4 x Ø19 (M16)	463	A110C
125-225	L90L	1,1	150	125	996	543	473	300	360	170	170	205	1360	1100	150	800	600	560	4	77	748	4 x Ø19 (M16)	443	A110B
125-225	100L	1,5	150	125	996	543	473	300	360	170	170	205	1376	1100	150	800	600	560	4	77	748	4 x Ø19 (M16)	449	A110C
125-225	112M	2,2	150	125	996	543	473	300	360	170	170	205	1393	1100	150	800	600	560	4	77	748	4 x Ø19 (M16)	463	A110C
125-235	112M	2,2	200	125	1108	613	547	350	400	200	200	240	1505	1250	150	475	680	640	4	C.F.	837	6 x Ø19 (M16)	564	A110H
125-235	132S	3	200	125	1108	613	547	350	400	200	200	240	1541	1300	150	500	680	640	4	C.F.	837	6 x Ø19 (M16)	555	A110J
125-235	132M	4	200	125	1108	613	547	350	400	200	200	240	1581	1300	150	500	680	640	4	C.F.	837	6 x Ø19 (M16)	564	A110J
125-245	132S	3	200	125	1108	613	547	350	400	200	200	240	1541	1300	150	500	680	640	4	C.F.	837	6 x Ø19 (M16)	554	A110J
125-245	132M	4	200	125	1108	613	547	350	400	200	200	240	1581	1300	150	500	680	640	4	C.F.	837	6 x Ø19 (M16)	563	A110J
125-245	132M	5,5	200	125	1108	613	547	350	400	200	200	240	1581	1300	150	500	680	640	4	C.F.	837	6 x Ø19 (M16)	563	A110J
125-285	132S	3	200	125	1108	613	547	350	400	200	200	240	1541	1300	150	500	680	640	4	C.F.	852	6 x Ø19 (M16)	605	A110J
125-285	132M	4	200	125	1108	613	547	350	400	200	200	240	1581	1300	150	500	680	640	4	C.F.	852	6 x Ø19 (M16)	614	A110J
125-285	132M	5,5	200	125	1108	613	547	350	400	200	200	240	1581	1300	150	500	680	640	4	C.F.	852	6 x Ø19 (M16)	614	A110J
125-285	160M	7,5	200	125	1108	613	547	350	400	200	200	240	1721,5	1450	175	550	680	640	4	C.F.	852	6 x Ø19 (M16)	614	A110K
125-285	160L	11	200	125	1108	613	547	350	400	200	200	240	1766,5	1450	175	550	680	640	4	C.F.	852	6 x Ø19 (M16)	671	A110K
125-300	132S	3	200	125	1108	613	547	350	400	200	200	240	1541	1300	150	500	680	640	4	C.F.	852	6 x Ø19 (M16)	604	A110J
125-300	132M	4	200	125	1108	613	547	350	400	200	200	240	1581	1300	150	500	680	640	4	C.F.	852	6 x Ø19 (M16)	613	A110J
125-300	132M	5,5	200	125	1108	613	547	350	400	200	200	240	1581	1300	150	500	680	640	4	C.F.	852	6 x Ø19 (M16)	613	A110J
125-300	160M	7,5	200	125	1108	613	547	350	400	200	200	240	1721,5	1450	175	550	680	640	4	C.F.	852	6 x Ø19 (M16)	613	A110K
125-300	160L	11	200	125	1108	613	547	350	400	200	200	240	1766,5	1450	175	550	680	640	4	C.F.	852	6 x Ø19 (M16)	670	A110K
125-370	132M	5,5	200	125	1108	613	547	400	450	200	200	240	1581	1300	150	500	680	640	4	77	887	6 x Ø19 (M16)	614	A110J
125-370	160M	7,5	200	125	1108	613	547	400	450	200	200	240	1721,5	1450	175	550	680	640	4	77	887	6 x Ø19 (M16)	614	A110K
125-370	160L	11	200	125	1108	613	547	400	450	200	200	240	1766,5	1450	175	550	680	640	4	77	887	6 x Ø19 (M16)	671	A110K
125-370	180L	15	200	125	1108	613	547	400	450	200	200	240	1813	1500	175	575	680	640	4	77	887	6 x Ø19 (M16)	700	A125C
125-370	200L	18,5	200	125	1108	613	547	400	450	200	200	240	1893	1550	175	600	680	640	4	77	887	6 x Ø19 (M16)	700	A125D
125-390	160L	11	200	125	1108	613	547	400	450	200	200	240	1766,5	1450	175	550	680	640	4	77	887	6 x Ø19 (M16)	670	A110K
125-390	180L	15	200	125	1108	613	547	400	450	200	200	240	1813	1500	175	575	680	640	4	77	887	6 x Ø19 (M16)	699	A125C
125-390	200L	18,5	200	125	1108	613	547	400	450	200	200	240	1893	1550	175	600	680	640	4	77	887	6 x Ø19 (M16)	699	A125D
125-390	200L	22	200	125	1108	613	547	400	450	200	200	240	1893	1550	175	600	680	640	4	77	887	6 x Ø19 (M16)	767	A125D
125-450	160L	11	200	125	1108	613	547	450	500	200	200	290	1766,5	1500	175	575	730	690	4	77	927	6 x Ø19 (M16)	721	A110K
125-450	180L	15	200	125	1108	613	547	450	500	200	200	290	1813	1550	175	600	730	690	4	77	927	6 x Ø19 (M16)	750	A125C
125-450	200L	18,5	200	125	1108	613	547	450	500	200	200	290	1893	1600	175	625	730	690	4	77	927	6 x Ø19 (M16)	750	A125D
125-450	200L	22	200	125	1108	613	547	450	500	200	200	290	1893	1600	175	625	730	690	4	77	927	6 x Ø19 (M16)	818	A125D
125-450	225M	30	200	125	1108	613	547	450	500	200	200	290	1952,5	1650	175	650	730	690	4	77	927	6 x Ø19 (M16)	884	A140B
125-475	160L	11	200	125	1108	613	547	450	500	200	200	290	1766,5	1500	175	575	730	690	4	77	927	6 x Ø19 (M16)	721	A110K
125-475	180L	15	200	125	1108	613	547	450	500	200	200	290	1813	1550	175	600	730	690	4	77	927	6 x Ø19 (M16)	750	A125C
125-475	200L	18,5	200	125	1108	613	547	450	500	200	200	290	1893	1600	175	625	730	690	4	77	927	6 x Ø19 (M16)	750	A125D
125-475	200L	22	200	125	1108	613	547	450	500	200	200	290	1893	1600	175	625	730	690	4	77	927	6 x Ø19 (M16)	818	A125D
125-475	225M	30	200	125	1108	613	567	450	500	200	200	290	1952,5	1650	175	650	730	680	4	77	947	6 x Ø19 (M16)	884	A140B

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

eXC_6p50_en_5_10.2

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC	IFC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																		H	z x s		WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC		max.	FOR SCREWS		
150-160	L90L	1,1	200	150	996	543	507	400	400	160	160	240	1360	1100	150	800	680	640	4	77	782	4 x Ø19 (M16)	463	A110B	
150-160	100L	1,5	200	150	996	543	507	400	400	160	160	240	1376	1150	150	425	680	640	4	77	782	6 x Ø19 (M16)	469	A110C	
150-170	L90L	1,1	200	150	996	543	507	400	400	160	160	240	1360	1100	150	800	680	640	4	77	782	4 x Ø19 (M16)	463	A110B	
150-170	100L	1,5	200	150	996	543	507	400	400	160	160	240	1376	1150	150	425	680	640	4	77	782	6 x Ø19 (M16)	469	A110C	
150-285	132M	5,5	200	150	1178	648	577	400	450	230	230	240	1651	1350	175	500	680	640	4	77	897	6 x Ø19 (M16)	653	A110J	
150-285	160M	7,5	200	150	1178	648	577	400	450	230	230	240	1791,5	1450	175	550	680	640	4	77	897	6 x Ø19 (M16)	653	A110K	
150-285	160L	11	200	150	1178	648	577	400	450	230	230	240	1836,5	1450	175	550	680	640	4	77	897	6 x Ø19 (M16)	710	A110K	
150-300	132M	5,5	200	150	1178	648	577	400	450	230	230	240	1651	1350	175	500	680	640	4	77	897	6 x Ø19 (M16)	653	A110J	
150-300	160M	7,5	200	150	1178	648	577	400	450	230	230	240	1791,5	1450	175	550	680	640	4	77	897	6 x Ø19 (M16)	653	A110K	
150-300	160L	11	200	150	1178	648	577	400	450	230	230	240	1836,5	1450	175	550	680	640	4	77	897	6 x Ø19 (M16)	710	A110K	
150-300	180L	15	200	150	1178	648	577	400	450	230	230	240	1883	1500	175	575	680	640	4	77	897	6 x Ø19 (M16)	739	A125C	
150-340	132M	5,5	200	150	1178	648	577	400	450	230	230	240	1651	1350	175	500	680	640	4	77	922	6 x Ø19 (M16)	664	A110J	
150-340	160M	7,5	200	150	1178	648	577	400	450	230	230	240	1791,5	1450	175	550	680	640	4	77	922	6 x Ø19 (M16)	664	A110K	
150-340	160L	11	200	150	1178	648	577	400	450	230	230	240	1836,5	1450	175	550	680	640	4	77	922	6 x Ø19 (M16)	721	A110K	
150-340	180L	15	200	150	1178	648	577	400	450	230	230	240	1883	1500	175	575	680	640	4	77	922	6 x Ø19 (M16)	750	A125C	
150-355	160M	7,5	200	150	1178	648	577	400	450	230	230	240	1791,5	1450	175	550	680	640	4	77	922	6 x Ø19 (M16)	663	A110K	
150-355	160L	11	200	150	1178	648	577	400	450	230	230	240	1836,5	1450	175	550	680	640	4	77	922	6 x Ø19 (M16)	720	A110K	
150-355	180L	15	200	150	1178	648	577	400	450	230	230	240	1883	1500	175	575	680	640	4	77	922	6 x Ø19 (M16)	749	A125C	
150-355	200L	18,5	200	150	1178	648	577	400	450	230	230	240	1963	1550	175	600	680	640	4	77	922	6 x Ø19 (M16)	749	A125D	
150-355	200L	22	200	150	1178	648	577	400	450	230	230	240	1963	1550	175	600	680	640	4	77	922	6 x Ø19 (M16)	817	A125D	
150-435	160M	7,5	200	150	1235	678	577	450	500	230	230	240	1848,5	1500	175	575	680	640	4	89	957	6 x Ø19 (M16)	744	A110Q	
150-435	160L	11	200	150	1235	678	577	450	500	230	230	240	1893,5	1500	175	575	680	640	4	89	957	6 x Ø19 (M16)	801	A110Q	
150-435	180L	15	200	150	1235	678	577	450	500	230	230	240	1940	1550	175	600	680	640	4	89	957	6 x Ø19 (M16)	830	A125E	
150-435	200L	18,5	200	150	1235	678	577	450	500	230	230	240	2020	1600	175	625	680	640	4	89	957	6 x Ø19 (M16)	830	A125F	
150-435	200L	22	200	150	1235	678	577	450	500	230	230	240	2020	1600	175	625	680	640	4	89	957	6 x Ø19 (M16)	898	A125F	
150-435	225M	30	200	150	1235	678	597	450	500	230	230	240	2079,5	1700	175	675	680	640	4	89	977	6 x Ø19 (M16)	964	A140C	
150-435	250M	37	200	150	1235	678	597	450	500	230	230	240	2145,5	1750	175	700	730	680	4	89	977	6 x Ø19 (M16)	1106	A160C	
150-455	180L	15	200	150	1235	678	577	450	500	230	230	240	1940	1550	175	600	680	640	4	89	957	6 x Ø19 (M16)	830	A125E	
150-455	200L	18,5	200	150	1235	678	577	450	500	230	230	240	2020	1600	175	625	680	640	4	89	957	6 x Ø19 (M16)	830	A125F	
150-455	200L	22	200	150	1235	678	577	450	500	230	230	240	2020	1600	175	625	680	640	4	89	957	6 x Ø19 (M16)	898	A125F	
150-455	225M	30	200	150	1235	678	597	450	500	230	230	240	2079,5	1700	175	675	680	630	4	89	977	6 x Ø19 (M16)	964	A140C	
150-455	250M	37	200	150	1235	678	597	450	500	230	230	240	2145,5	1750	175	700	730	680	4	89	977	6 x Ø19 (M16)	1106	A160C	
150-535	200L	22	200	150	1335	743	667	500	600	300	300	320	2120	1750	175	700	900	850	4	89	1107	6 x Ø19 (M16)	1302	A140K	
150-535	225M	30	200	150	1335	743	667	500	600	300	300	320	2179,5	1850	200	725	900	850	4	89	1107	6 x Ø19 (M16)	1366	A140L	
150-535	250M	37	200	150	1335	743	667	500	600	300	300	320	2245,5	1900	200	750	900	850	4	89	1107	6 x Ø19 (M16)	1508	A160D	
150-535	280S	45	200	150	1335	743	667	500	600	300	300	320	2295,5	2000	200	800	900	850	4	89	1107	6 x Ø19 (M16)	1586	A180L	
150-535	280M	55	200	150	1335	743	687	500	600	300	300	320	2350,5	2000	200	800	910	860	4	89	1127	6 x Ø26 (M20)	1682	A180L	
150-535	315S	75	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1264	6 x Ø26 (M20)	1978	A180M	
150-560	225M	30	200	150	1335	743	687	500	600	300	300	320	2179,5	1850	200	725	910	860	4	89	1127	6 x Ø26 (M20)	1364	A140L	
150-560	250M	37	200	150	1335	743	687	500	600	300	300	320	2245,5	1900	200	750	910	860	4	89	1127	6 x Ø26 (M20)	1506	A160D	
150-560	280S	45	200	150	1335	743	687	500	600	300	300	320	2295,5	2000	200	800	910	860	4	89	1127	6 x Ø26 (M20)	1584	A180L	
150-560	280M	55	200	150	1335	743	687	500	600	300	300	320	2350,5	2000	200	800	910	860	4	89	1127	6 x Ø26 (M20)	1680	A180L	
150-560	315S	75	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1264	6 x Ø26 (M20)	1976	A180M	
150-560	315M	90	200	150	1335	743	707	500	600	300	300	320	2495	2200	200	900	910	860	4	89	1232	6 x Ø26 (M20)	2054	A180M	
200-190	100L	1,5	200	200	1056	573	567	400	450	200	200	240	1436	1200	150	450	680	630	4	77	872	6 x Ø19 (M16)	584	A110C	
200-190	112M	2,2	200	200	1056	573	567	400	450	200	200	240	1453	1200	150	450	680	630	4	77	872	6 x Ø19 (M16)	598	A110C	
200-200	100L	1,5	200	200	1056	573	567	400	450	200	200	240	1436	1200	150	450	680	630	4	77	872	6 x Ø19 (M16)	584	A110C	
200-200	112M	2,2	200	200	1056	573	567	400	450	200	200	240	1453	1200	150	450	680	630	4	77	872	6 x Ø19 (M16)	598	A110C	
200-200	132S	3	200	200	1056	573	567	400	450	200	200	240	1489	1300	150	500	680	630	4	77	872	6 x Ø19 (M16)	589	A110D	

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

eXC_bp00_en_3_103

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC Size	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																		H max.	z x s FOR SCREWS	WEIGHT [kg]	COUPLING TYPE
			DN5	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC				
200-235	132S	3	250	200	1178	648	627	400	500	230	230	290	1611	1400	175	525	730	680	4	77	977	6 x Ø19 (M16)	834	A110J
200-235	132M	4	250	200	1178	648	627	400	500	230	230	290	1651	1400	175	525	730	680	4	77	977	6 x Ø19 (M16)	843	A110J
200-235	132M	5,5	250	200	1178	648	627	400	500	230	230	290	1651	1400	175	525	730	680	4	77	977	6 x Ø19 (M16)	843	A110J
200-250	132M	5,5	250	200	1178	648	627	400	500	230	230	290	1651	1400	175	525	730	680	4	77	977	6 x Ø19 (M16)	843	A110J
200-250	160M	7,5	250	200	1178	648	627	400	500	230	230	290	1791,5	1500	175	575	730	680	4	77	977	6 x Ø19 (M16)	843	A110K
200-330	160L	11	250	200	1235	678	667	400	500	270	270	290	1893,5	1550	175	600	730	680	4	89	1027	6 x Ø19 (M16)	851	A110Q
200-330	180L	15	250	200	1235	678	667	400	500	270	270	290	1940	1600	175	625	730	680	4	89	1027	6 x Ø19 (M16)	880	A125E
200-330	200L	18,5	250	200	1235	678	667	400	500	270	270	290	2020	1650	175	650	730	680	4	89	1027	6 x Ø19 (M16)	880	A125F
200-345	180L	15	250	200	1235	678	667	400	500	270	270	290	1940	1600	175	625	730	680	4	89	1027	6 x Ø19 (M16)	879	A125E
200-345	200L	18,5	250	200	1235	678	667	400	500	270	270	290	2020	1650	175	650	730	680	4	89	1027	6 x Ø19 (M16)	879	A125F
200-345	200L	22	250	200	1235	678	667	400	500	270	270	290	2020	1650	175	650	730	680	4	89	1027	6 x Ø19 (M16)	947	A125F
200-345	225M	30	250	200	1235	678	667	400	500	270	270	290	2079,5	1750	175	700	730	680	4	89	1027	6 x Ø19 (M16)	1013	A140C
200-405	180L	15	250	200	1345	733	667	500	550	270	270	290	2050	1650	175	650	730	680	4	89	1062	6 x Ø19 (M16)	1052	A125E
200-405	200L	18,5	250	200	1345	733	667	500	550	270	270	290	2130	1700	175	675	730	680	4	89	1062	6 x Ø19 (M16)	1052	A125F
200-405	200L	22	250	200	1345	733	667	500	550	270	270	290	2130	1700	175	675	730	680	4	89	1062	6 x Ø19 (M16)	1120	A125F
200-405	225M	30	250	200	1345	733	667	500	550	270	270	290	2189,5	1800	175	725	730	680	4	89	1062	6 x Ø19 (M16)	1186	A140C
200-405	250M	37	250	200	1345	733	667	500	550	270	270	290	2255,5	1850	200	725	730	680	4	89	1062	6 x Ø19 (M16)	1328	A160C
200-425	200L	18,5	250	200	1345	733	667	500	550	270	270	290	2130	1700	175	675	730	680	4	89	1062	6 x Ø19 (M16)	1050	A125F
200-425	200L	22	250	200	1345	733	667	500	550	270	270	290	2130	1700	175	675	730	680	4	89	1062	6 x Ø19 (M16)	1118	A125F
200-425	225M	30	250	200	1345	733	667	500	550	270	270	290	2189,5	1800	175	725	730	680	4	89	1062	6 x Ø19 (M16)	1184	A140C
200-425	250M	37	250	200	1345	733	687	500	550	270	270	290	2255,5	1850	200	725	740	690	4	89	1082	6 x Ø26 (M20)	1326	A160C
200-425	280S	45	250	200	1345	733	687	500	550	270	270	290	2305,5	1950	200	775	830	780	4	89	1100	6 x Ø26 (M20)	1404	A180H
200-505	280S	45	250	200	1335	743	717	500	550	300	300	320	2295,5	2000	200	800	910	860	4	89	1157	6 x Ø26 (M20)	1669	A180L
200-505	280M	55	250	200	1335	743	737	500	550	300	300	320	2350,5	2000	200	800	910	860	4	89	1177	6 x Ø26 (M20)	1765	A180L
200-505	315S	75	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1294	6 x Ø26 (M20)	2061	A180M
200-530	280S	45	250	200	1335	743	697	500	550	300	300	320	2295,5	2000	200	800	900	850	4	89	1137	6 x Ø19 (M16)	1666	A180L
200-530	280M	55	250	200	1335	743	697	500	550	300	300	320	2350,5	2000	200	800	900	850	4	89	1137	6 x Ø19 (M16)	1762	A180L
200-530	315S	75	250	200	1335	743	717	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1274	6 x Ø26 (M20)	2058	A180M
200-530	315M	90	250	200	1335	743	717	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1242	6 x Ø26 (M20)	2136	A180M
200-530	315M	110	250	200	1335	743	737	500	550	300	300	320	2495	2200	200	900	910	860	4	89	1262	6 x Ø26 (M20)	2216	A180M
200-625	315S	75	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1364	6 x Ø26 (M20)	2376	A180Y
200-625	315M	90	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1332	6 x Ø26 (M20)	2454	A180Y
200-625	315M	110	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1332	6 x Ø26 (M20)	2534	A180Y
200-625	315M	132	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1332	6 x Ø26 (M20)	2728	A200K
200-625	355M	160	250	200	1343	748	847	600	650	350	350	320	2812	2350	225	950	1030	960	4	102	1437	6 x Ø29 (M24)	3081	A200K
200-655	315S	75	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1364	6 x Ø26 (M20)	2373	A180Y
200-655	315M	90	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1332	6 x Ø26 (M20)	2451	A180Y
200-655	315M	110	250	200	1343	748	847	600	650	350	350	320	2503	2200	200	900	930	860	4	102	1372	6 x Ø29 (M24)	2531	A180Y
200-655	315M	132	250	200	1343	748	807	600	650	350	350	320	2503	2200	200	900	910	860	4	102	1332	6 x Ø26 (M20)	2725	A200K
200-655	355M	160	250	200	1343	748	847	600	650	350	350	320	2812	2350	225	950	1030	960	4	102	1437	6 x Ø29 (M24)	3078	A200K
250-190	112M	2,2	250	250	1106	598	647	450	500	220	220	290	1503	1250	150	475	740	690	4	77	982	6 x Ø26 (M20)	663	A110C
250-190	132S	3	250	250	1106	598	647	450	500	220	220	290	1539	1350	175	500	740	690	4	77	982	6 x Ø26 (M20)	654	A110D
250-200	132S	3	250	250	1106	598	647	450	500	220	220	290	1539	1350	175	500	740	690	4	77	982	6 x Ø26 (M20)	654	A110D
250-200	132M	4	250	250	1106	598	647	450	500	220	220	290	1579	1350	175	500	740	690	4	77	982	6 x Ø26 (M20)	663	A110D
250-370	225M	30	300	250	1385	768	747	500	550	300	300	320	2229,5	1850	200	725	910	860	4	89	1137	6 x Ø26 (M20)	1336	A140L
250-370	250M	37	300	250	1385	768	747	500	550	300	300	320	2295,5	1950	200	775	910	860	4	89	1137	6 x Ø26 (M20)	1478	A160D

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

eXC_Sp00_en_b_10 4

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																	WEIGHT [kg]	COUPLING TYPE				
			DMS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE			MRC	H	z x s	
																							max.	FOR SCREWS	
Size		[kW]																							
250-390	225M	30	300	250	1385	768	747	500	550	300	300	320	2229,5	1850	200	725	910	860	4	89	1137	6 x Ø26 (M20)	1334	A140L	
250-390	250M	37	300	250	1385	768	747	500	550	300	300	320	2295,5	1950	200	775	910	860	4	89	1137	6 x Ø26 (M20)	1476	A160D	
250-390	280S	45	300	250	1385	768	747	500	550	300	300	320	2345,5	2000	200	800	910	860	4	89	1160	6 x Ø26 (M20)	1554	A180L	
250-390	280M	55	300	250	1385	768	747	500	550	300	300	320	2400,5	2000	200	800	910	860	4	89	1160	6 x Ø26 (M20)	1650	A180L	
250-455	250M	37	300	250	1465	808	747	550	600	300	300	320	2375,5	1950	200	775	910	860	4	89	1202	6 x Ø26 (M20)	1621	A160D	
250-455	280S	45	300	250	1465	808	747	550	600	300	300	320	2425,5	2050	200	825	910	860	4	89	1202	6 x Ø26 (M20)	1699	A180L	
250-455	280M	55	300	250	1465	808	747	550	600	300	300	320	2480,5	2050	200	825	910	860	4	89	1202	6 x Ø26 (M20)	1795	A180L	
250-455	315S	75	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1324	6 x Ø26 (M20)	2091	A180M	
250-480	280S	45	300	250	1465	808	747	550	600	300	300	320	2425,5	2050	200	825	910	860	4	89	1202	6 x Ø26 (M20)	1696	A180L	
250-480	280M	55	300	250	1465	808	747	550	600	300	300	320	2480,5	2050	200	825	910	860	4	89	1202	6 x Ø26 (M20)	1792	A180L	
250-480	315S	75	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1324	6 x Ø26 (M20)	2088	A180M	
250-480	315M	90	300	250	1465	808	767	550	600	300	300	320	2625	2300	200	950	910	860	4	89	1292	6 x Ø26 (M20)	2166	A180M	
250-580	315M	90	300	250	1493	838	817	550	650	350	350	320	2653	2300	200	950	910	860	4	102	1342	6 x Ø26 (M20)	2527	A200W	
250-580	315M	110	300	250	1493	838	817	550	650	350	350	320	2653	2300	200	950	910	860	4	102	1342	6 x Ø26 (M20)	2607	A200W	
250-580	315M	132	300	250	1493	838	817	550	650	350	350	320	2653	2300	200	950	910	860	4	102	1342	6 x Ø26 (M20)	2796	A200W	
250-580	355M	160	300	250	1493	838	857	550	650	350	350	320	2962	2450	225	1000	1030	960	4	102	1447	6 x Ø29 (M24)	3149	A200W	
250-610	315M	90	300	250	1493	838	817	550	650	350	350	320	2653	2300	200	950	910	860	4	102	1342	6 x Ø26 (M20)	2524	A200W	
250-610	315M	110	300	250	1493	838	817	550	650	350	350	320	2653	2300	200	950	910	860	4	102	1342	6 x Ø26 (M20)	2604	A200W	
250-610	315M	132	300	250	1493	838	817	550	650	350	350	320	2653	2300	200	950	910	860	4	102	1342	6 x Ø26 (M20)	2793	A200W	
250-610	355M	160	300	250	1493	838	817	550	650	350	350	320	2962	2450	225	1000	1030	980	4	102	1407	6 x Ø26 (M20)	3146	A200W	
250-610	355M	200	300	250	1493	838	857	550	650	350	350	320	2962	2450	225	1000	1030	960	4	102	1447	6 x Ø29 (M24)	3253	A225T	
250-730	280M	55	300	250	1484	838	987	650	800	500	500	345	2499,5	2100	200	850	1030	980	4	77	1607	6 x Ø26 (M20)	2853	A200V	
250-730	315S	75	300	250	1484	838	1027	650	800	500	500	345	2644	2350	225	950	1030	960	4	77	1647	6 x Ø29 (M24)	3149	A200W	
250-730	315M	90	300	250	1484	838	987	650	800	500	500	345	2644	2350	225	950	1030	980	4	77	1607	6 x Ø26 (M20)	3227	A200W	
250-730	315M	110	300	250	1484	838	987	650	800	500	500	345	2644	2350	225	950	1030	980	4	77	1607	6 x Ø26 (M20)	3307	A200W	
250-730	315M	132	300	250	1484	838	987	650	800	500	500	345	2644	2350	225	950	1030	980	4	77	1607	6 x Ø26 (M20)	3496	A200W	
250-730	355M	160	300	250	1484	838	1027	650	800	500	500	345	2953	2500	250	1000	1030	960	4	77	1647	6 x Ø29 (M24)	3849	A200W	
250-730	355M	200	300	250	1484	838	1027	650	800	500	500	345	2953	2500	250	1000	1030	960	4	77	1647	6 x Ø29 (M24)	3956	A225T	
250-730	355M	250	300	250	1484	838	1027	650	800	500	500	345	2955	2500	250	1000	1030	960	6	77	1647	6 x Ø29 (M24)	3970	A250H	
250-730	355L	315	300	250	1484	838	1027	650	800	500	500	345	2972	2650	275	700	1030	960	6	77	1647	8 x Ø29 (M24)	4788	A250H	
250-770	315M	90	300	250	1484	838	1027	650	800	500	500	345	2644	2350	225	950	1030	960	4	77	1647	6 x Ø29 (M24)	3227	A200W	
250-770	315M	110	300	250	1484	838	1027	650	800	500	500	345	2644	2350	225	950	1030	960	4	77	1647	6 x Ø29 (M24)	3307	A200W	
250-770	315M	132	300	250	1484	838	1027	650	800	500	500	345	2644	2350	225	950	1030	960	4	77	1647	6 x Ø29 (M24)	3496	A200W	
250-770	355M	160	300	250	1484	838	1027	650	800	500	500	345	2953	2500	250	1000	1030	960	4	77	1647	6 x Ø29 (M24)	3849	A200W	
250-770	355M	200	300	250	1484	838	1027	650	800	500	500	345	2953	2500	250	1000	1030	960	4	77	1647	6 x Ø29 (M24)	3956	A225T	
250-770	355M	250	300	250	1484	838	1027	650	800	500	500	345	2955	2500	250	1000	1030	960	6	77	1647	6 x Ø29 (M24)	3970	A250H	
250-770	355L	315	300	250	1484	838	1027	650	800	500	500	345	2972	2650	275	700	1030	960	6	77	1647	8 x Ø29 (M24)	4788	A250H	
250-770	355L	355	300	250	1484	838	1027	650	800	500	500	345	3167	2650	275	700	1030	960	6	77	1647	8 x Ø29 (M24)	4505	A280P	
300-215	132M	4	300	300	1298	708	737	450	550	270	270	290	1771	1450	175	550	750	700	4	77	1117	6 x Ø26 (M20)	1123	A110J	
300-215	132M	5,5	300	300	1298	708	737	450	550	270	270	290	1771	1450	175	550	750	700	4	77	1117	6 x Ø26 (M20)	1123	A110J	
300-215	160M	7,5	300	300	1298	708	737	450	550	270	270	290	1911,5	1600	175	625	750	700	4	77	1117	6 x Ø26 (M20)	1123	A110K	
300-225	132M	5,5	300	300	1298	708	737	450	550	270	270	290	1771	1450	175	550	750	700	4	77	1117	6 x Ø26 (M20)	1123	A110J	
300-225	160M	7,5	300	300	1298	708	737	450	550	270	270	290	1911,5	1600	175	625	750	700	4	77	1117	6 x Ø26 (M20)	1123	A110K	
300-225	160L	11	300	300	1298	708	737	450	550	270	270	290	1956,5	1600	175	625	750	700	4	77	1117	6 x Ø26 (M20)	1180	A110K	
300-245	160M	7,5	300	300	1218	668	737	500	600	270	270	290	1831,5	1550	175	600	750	700	4	77	1127	6 x Ø26 (M20)	1093	A110K	
300-245	160L	11	300	300	1218	668	737	500	600	270	270	290	1876,5	1550	175	600	750	700	4	77	1127	6 x Ø26 (M20)	1150	A110K	
300-255	160M	7,5	300	300	1218	668	737	500	600	270	270	290	1831,5	1550	175	600	750	700	4	77	1127	6 x Ø26 (M20)	1093	A110K	
300-255	160L	11	300	300	1218	668	737	500	600	270	270	290	1876,5	1550	175	600	750	700	4	77	1127	6 x Ø26 (M20)	1150	A110K	

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

eXC_6p50_en_3_145

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																	H	z x s		WEIGHT [kg]	COUPLING TYPE	
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE		MRC	max.			FOR SCREWS
Size		[kW]																							
300-315	180L	15	350	300	1385	768	807	500	650	300	300	320	2090	1700	175	675	910	860	4	89	1247	6 x Ø26 (M20)	1430	A140J	
300-315	200L	18,5	350	300	1385	768	807	500	650	300	300	320	2170	1750	175	700	910	860	4	89	1247	6 x Ø26 (M20)	1430	A140K	
300-315	200L	22	350	300	1385	768	807	500	650	300	300	320	2170	1750	175	700	910	860	4	89	1247	6 x Ø26 (M20)	1498	A140K	
300-330	200L	18,5	350	300	1385	768	807	500	650	300	300	320	2170	1750	175	700	910	860	4	89	1247	6 x Ø26 (M20)	1430	A140K	
300-330	200L	22	350	300	1385	768	807	500	650	300	300	320	2170	1750	175	700	910	860	4	89	1247	6 x Ø26 (M20)	1498	A140K	
300-330	225M	30	350	300	1385	768	807	500	650	300	300	320	2229,5	1850	200	725	910	860	4	89	1247	6 x Ø26 (M20)	1562	A140L	
300-430	280S	45	400	300	1435	793	887	600	650	350	350	345	2395,5	2050	200	825	1030	980	4	102	1327	6 x Ø26 (M20)	1912	A180X	
300-430	280M	55	400	300	1435	793	887	600	650	350	350	345	2450,5	2050	200	825	1030	980	4	102	1327	6 x Ø26 (M20)	2008	A180X	
300-430	315S	75	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1444	6 x Ø26 (M20)	2304	A180Y	
300-450	280M	55	400	300	1435	793	887	600	650	350	350	345	2450,5	2050	200	825	1030	980	4	102	1327	6 x Ø26 (M20)	2005	A180X	
300-450	315S	75	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1444	6 x Ø26 (M20)	2301	A180Y	
300-450	315M	90	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1412	6 x Ø26 (M20)	2379	A180Y	
300-450	315M	110	400	300	1435	793	887	600	650	350	350	345	2595	2300	200	950	1030	980	4	102	1412	6 x Ø26 (M20)	2459	A180Y	
300-525	315M	90	400	300	1635	908	887	600	650	350	350	345	2795	2400	225	975	1030	980	4	102	1412	6 x Ø26 (M20)	2817	A200W	
300-525	315M	110	400	300	1635	908	887	600	650	350	350	345	2795	2400	225	975	1030	980	4	102	1412	6 x Ø26 (M20)	2897	A200W	
300-525	315M	132	400	300	1635	908	887	600	650	350	350	345	2795	2400	225	975	1030	980	4	102	1412	6 x Ø26 (M20)	3086	A200W	
300-525	355M	160	400	300	1635	908	927	600	650	350	350	345	3104	2550	225	700	1030	960	4	102	1517	8 x Ø29 (M24)	3439	A200W	
300-525	355M	200	400	300	1635	908	927	600	650	350	350	345	3104	2550	225	700	1030	960	4	102	1517	8 x Ø29 (M24)	3546	A225T	
300-550	315M	90	400	300	1635	908	887	600	650	350	350	345	2795	2400	225	975	1030	980	4	102	1412	6 x Ø26 (M20)	2814	A200W	
300-550	315M	110	400	300	1635	908	887	600	650	350	350	345	2795	2400	225	975	1030	980	4	102	1412	6 x Ø26 (M20)	2894	A200W	
300-550	315M	132	400	300	1635	908	887	600	650	350	350	345	2795	2400	225	975	1030	980	4	102	1412	6 x Ø26 (M20)	3083	A200W	
300-550	355M	160	400	300	1635	908	927	600	650	350	350	345	3104	2550	225	700	1030	960	4	102	1517	8 x Ø29 (M24)	3436	A200W	
300-550	355M	200	400	300	1635	908	927	600	650	350	350	345	3104	2550	225	700	1030	960	4	102	1517	8 x Ø29 (M24)	3543	A225T	
300-550	355M	250	400	300	1635	908	927	600	650	350	350	345	3106	2550	225	700	1030	960	6	102	1517	8 x Ø29 (M24)	3557	A250H	
300-680	315M	132	400	300	1615	898	982	650	800	400	400	410	2777	2450	225	1000	1160	1090	6	115	1547	6 x Ø29 (M24)	3112	A250U	
300-680	355M	160	400	300	1615	898	982	650	800	400	400	410	3086	2600	250	700	1160	1090	6	115	1572	8 x Ø29 (M24)	3465	A250U	
300-680	355M	200	400	300	1615	898	982	650	800	400	400	410	3086	2600	250	700	1160	1090	6	115	1572	8 x Ø29 (M24)	3565	A250W	
300-680	355M	250	400	300	1615	898	982	650	800	400	400	410	3086	2600	250	700	1160	1090	6	115	1572	8 x Ø29 (M24)	3570	A250W	
300-680	355L	315	400	300	1615	898	982	650	800	400	400	410	3103	2800	275	750	1160	1090	6	115	1572	8 x Ø29 (M24)	4388	A250W	
300-705	355M	160	400	300	1615	898	982	650	800	400	400	410	3086	2600	250	700	1160	1090	6	115	1572	8 x Ø29 (M24)	3465	A250U	
300-705	355M	200	400	300	1615	898	982	650	800	400	400	410	3086	2600	250	700	1160	1090	6	115	1572	8 x Ø29 (M24)	3565	A250W	
300-705	355M	250	400	300	1615	898	982	650	800	400	400	410	3086	2600	250	700	1160	1090	6	115	1572	8 x Ø29 (M24)	3570	A250W	
300-705	355L	315	400	300	1615	898	982	650	800	400	400	410	3103	2800	275	750	1160	1090	6	115	1572	8 x Ø29 (M24)	4388	A250W	
300-705	355L	355	400	300	1615	898	1042	650	800	400	400	410	3298	2800	275	750	1200	1130	6	115	1632	8 x Ø29 (M24)	4105	A280T	
300-705	355L	400	400	300	1615	898	1042	650	800	400	400	410	3298	2800	275	750	1200	1130	6	115	1632	8 x Ø29 (M24)	4251	A280T	
350-285	180L	15	350	350	1298	708	847	500	650	300	300	320	2003	1650	175	650	930	860	4	77	1277	6 x Ø29 (M24)	1410	A125C	
350-285	200L	18,5	350	350	1298	708	847	500	650	300	300	320	2083	1700	175	675	930	860	4	77	1277	6 x Ø29 (M24)	1410	A125D	
350-300	180L	15	350	350	1298	708	847	500	650	300	300	320	2003	1650	175	650	930	860	4	77	1277	6 x Ø29 (M24)	1409	A125C	
350-300	200L	18,5	350	350	1298	708	847	500	650	300	300	320	2083	1700	175	675	930	860	4	77	1277	6 x Ø29 (M24)	1409	A125D	
350-300	200L	22	350	350	1298	708	847	500	650	300	300	320	2083	1700	175	675	930	860	4	77	1277	6 x Ø29 (M24)	1477	A125D	
350-365	225M	30	400	350	1435	793	927	550	700	350	350	345	2279,5	1900	200	750	1030	960	4	102	1412	6 x Ø29 (M24)	1997	A180V	
350-365	250M	37	400	350	1435	793	927	550	700	350	350	345	2345,5	2000	200	800	1030	960	4	102	1412	6 x Ø29 (M24)	2137	A180W	
350-365	280S	45	400	350	1435	793	927	550	700	350	350	345	2395,5	2050	200	825	1030	960	4	102	1412	6 x Ø29 (M24)	2212	A180X	
350-365	280M	55	400	350	1435	793	927	550	700	350	350	345	2450,5	2050	200	825	1030	960	4	102	1412	6 x Ø29 (M24)	2308	A180X	
350-385	250M	37	400	350	1435	793	927	550	700	350	350	345	2345,5	2000	200	800	1030	960	4	102	1412	6 x Ø29 (M24)	2135	A180W	
350-385	280S	45	400	350	1435	793	927	550	700	350	350	345	2395,5	2050	200	825	1030	960	4	102	1412	6 x Ø29 (M24)	2210	A180X	
350-385	280M	55	400	350	1435	793	927	550	700	350	350	345	2450,5	2050	200	825	1030	960	4	102	1412	6 x Ø29 (M24)	2306	A180X	
350-385	315S	75	400	350	1435	793	927	550	700	350	350	345	2595	2300	200	950	1030	960	4	102	1484	6 x Ø29 (M24)	2602	A180Y	

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

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e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																		WEIGHT [kg]	COUPLING TYPE				
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC			H		Z x S	
																							max.	FOR SCREWS		
Size		[kW]																								
350-430	280S	45	450	350	1635	908	1012	650	800	400	400	410	2595,5	2250	200	925	1160	1090	4	102	1567	6 x Ø29 (M24)	2644	A200V		
350-430	280M	55	450	350	1635	908	1012	650	800	400	400	410	2650,5	2250	200	925	1160	1090	4	102	1567	6 x Ø29 (M24)	2740	A200V		
350-430	315S	75	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1569	6 x Ø29 (M24)	3036	A200W		
350-430	315M	90	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1567	6 x Ø29 (M24)	3114	A200W		
350-430	315M	110	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1567	6 x Ø29 (M24)	3194	A200W		
350-450	315S	75	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1569	6 x Ø29 (M24)	3033	A200W		
350-450	315M	90	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1567	6 x Ø29 (M24)	3111	A200W		
350-450	315M	110	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1567	6 x Ø29 (M24)	3191	A200W		
350-450	315M	132	450	350	1635	908	1012	650	800	400	400	410	2795	2450	225	1000	1160	1090	4	102	1567	6 x Ø29 (M24)	3380	A200W		
350-450	355M	160	450	350	1635	908	1012	650	800	400	400	410	3104	2600	250	700	1160	1090	4	102	1602	8 x Ø29 (M24)	3733	A200W		
350-505	315M	90	450	350	1635	908	1012	650	700	400	400	410	2795	2450	225	1000	1160	1090	4	102	1537	6 x Ø29 (M24)	3047	A200W		
350-505	315M	110	450	350	1635	908	1012	650	700	400	400	410	2795	2450	225	1000	1160	1090	4	102	1537	6 x Ø29 (M24)	3127	A200W		
350-505	315M	132	450	350	1635	908	1012	650	700	400	400	410	2795	2450	225	1000	1160	1090	4	102	1537	6 x Ø29 (M24)	3316	A200W		
350-505	355M	160	450	350	1635	908	1012	650	700	400	400	410	3104	2600	250	700	1160	1090	4	102	1602	8 x Ø29 (M24)	3669	A200W		
350-505	355M	200	450	350	1635	908	1012	650	700	400	400	410	3104	2600	250	700	1160	1090	4	102	1602	8 x Ø29 (M24)	3776	A225T		
350-530	315M	110	450	350	1635	908	1012	650	700	400	400	410	2795	2450	225	1000	1160	1090	4	102	1537	6 x Ø29 (M24)	3124	A200W		
350-530	315M	132	450	350	1635	908	1012	650	700	400	400	410	2795	2450	225	1000	1160	1090	4	102	1537	6 x Ø29 (M24)	3313	A200W		
350-530	355M	160	450	350	1635	908	1012	650	700	400	400	410	3104	2600	250	700	1160	1090	4	102	1602	8 x Ø29 (M24)	3666	A200W		
350-530	355M	200	450	350	1635	908	1012	650	700	400	400	410	3104	2600	250	700	1160	1090	4	102	1602	8 x Ø29 (M24)	3773	A225T		
350-530	355M	250	450	350	1635	908	1012	650	700	400	400	410	3106	2600	250	700	1160	1090	6	102	1602	8 x Ø29 (M24)	3787	A250H		
350-650	355M	160	500	350	1783	993	1052	700	800	420	420	410	3252	2700	225	750	1160	1090	4	C.F.	1642	8 x Ø29 (M24)	4416	A200W		
350-650	355M	200	500	350	1783	993	1052	700	800	420	420	410	3252	2700	225	750	1160	1090	4	C.F.	1642	8 x Ø29 (M24)	4523	A225T		
350-650	355M	250	500	350	1783	993	1052	700	800	420	420	410	3254	2700	225	750	1160	1090	6	C.F.	1642	8 x Ø29 (M24)	4537	A250H		
350-650	355L	315	500	350	1783	993	1112	700	800	420	420	410	3271	2900	250	800	1200	1130	6	C.F.	1702	8 x Ø29 (M24)	5355	A250H		
350-650	355L	355	500	350	1783	993	1112	700	800	420	420	410	3466	2900	250	800	1200	1130	6	C.F.	1702	8 x Ø29 (M24)	5072	A280P		
350-650	355L	400	500	350	1783	993	1112	700	800	420	420	410	3466	2900	250	800	1200	1130	6	C.F.	1702	8 x Ø29 (M24)	5218	A280P		
350-655	315M	90	400	350	1745	983	1132	750	900	480	480	460	2907	2600	250	700	1410	1340	6	115	1737	8 x Ø29 (M24)	3858	A280AA		
350-655	315M	110	400	350	1745	983	1132	750	900	480	480	460	2907	2600	250	700	1410	1340	6	115	1737	8 x Ø29 (M24)	3938	A280AA		
350-655	315M	132	400	350	1745	983	1132	750	900	480	480	460	2907	2600	250	700	1410	1340	6	115	1737	8 x Ø29 (M24)	4127	A280AA		
350-655	355M	160	400	350	1745	983	1132	750	900	480	480	460	3216	2750	250	750	1410	1340	6	115	1737	8 x Ø29 (M24)	4480	A280AA		
350-655	355M	200	400	350	1745	983	1132	750	900	480	480	460	3216	2750	250	750	1410	1340	6	115	1737	8 x Ø29 (M24)	4580	A280AC		
350-655	355L	315	400	350	1745	983	1132	750	900	480	480	460	3233	2950	275	800	1410	1340	6	115	1737	8 x Ø29 (M24)	5403	A280AC		
350-655	355L	355	400	350	1745	983	1132	750	900	480	480	460	3428	2950	275	800	1410	1340	6	115	1737	8 x Ø29 (M24)	5110	A280AC		
350-655	355L	400	400	350	1745	983	1132	750	900	480	480	460	3428	2950	275	800	1410	1340	6	115	1737	8 x Ø29 (M24)	5256	A280AC		
350-685	355M	250	500	350	1783	993	1052	700	800	420	420	410	3254	2700	225	750	1160	1090	6	C.F.	1642	8 x Ø29 (M24)	4534	A250H		
350-685	355L	315	500	350	1783	993	1112	700	800	420	420	410	3271	2900	250	800	1200	1130	6	C.F.	1702	8 x Ø29 (M24)	5352	A250H		
350-685	355L	355	500	350	1783	993	1112	700	800	420	420	410	3466	2900	250	800	1200	1130	6	C.F.	1702	8 x Ø29 (M24)	5069	A280P		
350-685	355L	400	500	350	1783	993	1112	700	800	420	420	410	3466	2900	250	800	1200	1130	6	C.F.	1702	8 x Ø29 (M24)	5215	A280P		
350-685	400JH	450	500	350	1783	993	1112	700	800	420	420	410	3829	3200	250	900	1200	1130	6	C.F.	1731	8 x Ø29 (M24)	5948	A315G		
350-685	400JH	500	500	350	1783	993	1112	700	800	420	420	410	3829	3200	250	900	1200	1130	6	C.F.	1731	8 x Ø29 (M24)	5948	A315G		
350-690	315M	110	400	350	1745	983	1132	750	900	480	480	460	2907	2600	250	700	1410	1340	6	115	1737	8 x Ø29 (M24)	3933	A280AA		
350-690	315M	132	400	350	1745	983	1132	750	900	480	480	460	2907	2600	250	700	1410	1340	6	115	1737	8 x Ø29 (M24)	4122	A280AA		
350-690	355M	160	400	350	1745	983	1132	750	900	480	480	460	3216	2750	250	750	1410	1340	6	115	1737	8 x Ø29 (M24)	4475	A280AA		
350-690	355M	200	400	350	1745	983	1132	750	900	480	480	460	3216	2750	250	750	1410	1340	6	115	1737	8 x Ø29 (M24)	4575	A280AC		
350-690	355M	250	400	350	1745	983	1132	750	900	480	480	460	3216	2750	250	750	1410	1340	6	115	1737	8 x Ø29 (M24)	4580	A280AC		
350-690	355L	315	400	350	1745	983	1132	750	900	480	480	460	3233	2950	275	800	1410	1340	6	115	1737	8 x Ø29 (M24)	5398	A280AC		
350-690	355L	355	400	350	1745	983	1132	750	900	480	480	460	3428	2950	275	800	1410	1340	6	115</						

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																		H	z x s		WEIGHT [kg]	COUPLING TYPE		
			Size	[kW]	DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2		DBSE	MRC			max.	FOR SCREWS
350-780	355M	160	400	350	1963	1093	1092	750	900	450	450	460	3434	2850	225	800	1410	1340	6	77	1762	8 x Ø29 (M24)	4914	A315U			
350-780	355M	200	400	350	1963	1093	1092	750	900	450	450	460	3434	2850	225	800	1410	1340	6	77	1762	8 x Ø29 (M24)	5014	A315V			
350-780	355M	250	400	350	1963	1093	1092	750	900	450	450	460	3434	2850	225	800	1410	1340	6	77	1762	8 x Ø29 (M24)	5019	A315V			
350-780	355L	315	400	350	1963	1093	1092	750	900	450	450	460	3451	3050	250	850	1410	1340	6	77	1762	8 x Ø29 (M24)	5837	A315V			
350-780	355L	355	400	350	1963	1093	1092	750	900	450	450	460	3646	3050	250	850	1410	1340	6	77	1762	8 x Ø29 (M24)	5544	A315V			
350-780	355L	400	400	350	1963	1093	1092	750	900	450	450	460	3646	3050	250	850	1410	1340	6	77	1762	8 x Ø29 (M24)	5690	A315V			
350-805	355L	355	500	350	1825	1003	1142	750	850	450	450	410	3508	2900	250	800	1200	1130	6	C.F.	1787	8 x Ø29 (M24)	5410	A280T			
350-805	355L	400	500	350	1825	1003	1142	750	850	450	450	410	3508	2900	250	800	1200	1130	6	C.F.	1787	8 x Ø29 (M24)	5556	A280T			
350-805	400JH	450	500	350	1825	1003	1142	750	850	450	450	410	3871	3200	250	900	1200	1130	6	C.F.	1787	8 x Ø29 (M24)	6289	A315J			
350-805	400JH	500	500	350	1825	1003	1142	750	850	450	450	410	3871	3200	250	900	1200	1130	6	C.F.	1787	8 x Ø29 (M24)	6289	A315J			
350-805	450LK	560	500	350	1825	1003	1182	750	850	450	450	410	3935	3250	275	900	1250	1160	6	C.F.	1827	8 x Ø29 (M24)	7939	A315K			
350-805	450LK	630	500	350	1825	1003	1182	750	850	450	450	410	3935	3250	275	900	1250	1160	6	C.F.	1827	8 x Ø29 (M24)	8029	A315K			
350-805	450JH	710	500	350	1825	1003	1182	750	850	450	450	410	4085	3400	275	950	1250	1160	6	C.F.	1827	8 x Ø29 (M24)	8113	A350L			
350-845	400JH	500	500	350	1825	1003	1142	750	850	450	450	410	3871	3200	250	900	1200	1130	6	C.F.	1787	8 x Ø29 (M24)	6284	A315J			
350-845	450LK	560	500	350	1825	1003	1182	750	850	450	450	410	3935	3250	275	900	1250	1160	6	C.F.	1827	8 x Ø29 (M24)	7934	A315K			
350-845	450LK	630	500	350	1825	1003	1182	750	850	450	450	410	3935	3250	275	900	1250	1160	6	C.F.	1827	8 x Ø29 (M24)	8024	A315K			
350-845	450JH	710	500	350	1825	1003	1182	750	850	450	450	410	4085	3400	275	950	1250	1160	6	C.F.	1827	8 x Ø29 (M24)	8108	A350L			
350-845	450HGF	800	500	350	1825	1003	1182	750	850	450	450	410	4316	3500	325	950	1250	1160	6	C.F.	1897	8 x Ø29 (M24)	8110	A350L			
400-325	200L	22	400	400	1465	793	987	600	750	350	350	345	2250	1800	175	725	1060	990	4	89	1467	6 x Ø29 (M24)	2019	A125F			
400-325	225M	30	400	400	1465	793	987	600	750	350	350	345	2309,5	1900	200	750	1060	990	4	89	1467	6 x Ø29 (M24)	2085	A140C			
400-325	250M	37	400	400	1465	793	987	600	750	350	350	345	2375,5	2000	200	800	1060	990	4	89	1467	6 x Ø29 (M24)	2227	A160C			
400-340	225M	30	400	400	1465	793	987	600	750	350	350	345	2309,5	1900	200	750	1060	990	4	89	1467	6 x Ø29 (M24)	2085	A140C			
400-340	250M	37	400	400	1465	793	987	600	750	350	350	345	2375,5	2000	200	800	1060	990	4	89	1467	6 x Ø29 (M24)	2227	A160C			
400-340	280S	45	400	400	1465	793	987	600	750	350	350	345	2425,5	2050	200	825	1060	990	4	89	1467	6 x Ø29 (M24)	2305	A180H			
400-340	280M	55	400	400	1465	793	987	600	750	350	350	345	2480,5	2050	200	825	1060	990	4	89	1467	6 x Ø29 (M24)	2401	A180H			
400-500	315M	132	500	400	1805	993	1192	700	800	480	480	410	2967	2550	225	700	1200	1130	6	77	1787	8 x Ø29 (M24)	4052	A250U			
400-500	355M	160	500	400	1805	993	1192	700	800	480	480	410	3276	2700	225	750	1200	1130	6	77	1787	8 x Ø29 (M24)	4405	A250U			
400-500	355M	200	500	400	1805	993	1192	700	800	480	480	410	3276	2700	225	750	1200	1130	6	77	1787	8 x Ø29 (M24)	4505	A250W			
400-500	355M	250	500	400	1805	993	1192	700	800	480	480	410	3276	2700	225	750	1200	1130	6	77	1787	8 x Ø29 (M24)	4510	A250W			
400-510	315M	90	500	400	1533	843	1142	650	800	450	450	410	2693	2400	225	975	1200	1130	4	77	1702	6 x Ø29 (M24)	3449	A180Y			
400-510	315M	110	500	400	1533	843	1142	650	800	450	450	410	2693	2400	225	975	1200	1130	4	77	1702	6 x Ø29 (M24)	3529	A180Y			
400-510	315M	132	500	400	1533	843	1142	650	800	450	450	410	2693	2400	225	975	1200	1130	4	77	1702	6 x Ø29 (M24)	3723	A200K			
400-510	355M	160	500	400	1533	843	1142	650	800	450	450	410	3002	2550	225	700	1200	1130	4	77	1732	8 x Ø29 (M24)	4076	A200K			
400-510	355M	200	500	400	1533	843	1142	650	800	450	450	410	3002	2550	225	700	1200	1130	4	77	1732	8 x Ø29 (M24)	4183	A225Q			
400-510	355M	250	500	400	1533	843	1142	650	800	450	450	410	3004	2550	225	700	1200	1130	6	77	1732	8 x Ø29 (M24)	4197	A250F			
400-525	315M	132	500	400	1805	993	1192	700	800	480	480	410	2967	2550	225	700	1200	1130	6	77	1787	8 x Ø29 (M24)	4049	A250U			
400-525	355M	160	500	400	1805	993	1192	700	800	480	480	410	3276	2700	225	750	1200	1130	6	77	1787	8 x Ø29 (M24)	4402	A250U			
400-525	355M	200	500	400	1805	993	1192	700	800	480	480	410	3276	2700	225	750	1200	1130	6	77	1787	8 x Ø29 (M24)	4502	A250W			
400-525	355M	250	500	400	1805	993	1192	700	800	480	480	410	3276	2700	225	750	1200	1130	6	77	1787	8 x Ø29 (M24)	4507	A250W			
400-535	315M	132	500	400	1533	843	1142	650	800	450	450	410	2693	2400	225	975	1200	1130	4	77	1702	6 x Ø29 (M24)	3720	A200K			
400-535	355M	160	500	400	1533	843	1142	650	800	450	450	410	3002	2550	225	700	1200	1130	4	77	1732	8 x Ø29 (M24)	4073	A200K			
400-535	355M	200	500	400	1533	843	1142	650	800	450	450	410	3002	2550	225	700	1200	1130	4	77	1732	8 x Ø29 (M24)	4180	A225Q			
400-535	355M	250	500	400	1533	843	1142	650	800	450	450	410	3004	2550	225	700	1200	1130	6	77	1732	8 x Ø29 (M24)	4194	A250F			
400-550	315M	132	500	400	1835	1028	1162	700	800	450	450	410	2997	2600	250	700	1200	1130	6	77	1712	8 x Ø29 (M24)	4192	A280AA			
400-550	355M	160	500	400	1835	1028	1162	700	800	450	450	410	3306	2750	250	750	1200	1130	6	77	1752	8 x Ø29 (M24)	4545	A280AA			
400-550	355M	200	500	400	1835	1028	1162	700	800	450	450	410	3306	2750	250	750	1200	1130	6	77	1752	8 x Ø29 (M24)	4645	A280AC			
400-550	355M	250	500	400	1835	1028	1162	700	800	450	450	410	3306	2750	250	750	1200	1130	6	77	1752	8 x Ø29 (M24)	4650	A280AC			
400-550	355L	315	500	400	1835	1028	1162	700	800	450	450	410	3323	2900	250	800	1200	1130	6	77	1752	8 x Ø29 (M24)	5468	A280AC			
400-580	355M	200	500	400	1835	1028	1162	700	800	450	450	410	3306	2750	250	750	1200	1130	6	77	1752	8 x Ø29 (M24)	4645	A280AC			
400-580	355L	355	500	400	1835																						

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

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e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																	H	z x s	WEIGHT [kg]	COUPLING TYPE	
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE					MRC
																					FOR SCREWS			
400-760	355L	355	600	400	1975	1098	1292	800	900	500	500	460	3658	3050	250	850	1410	1340	6	C.F.	1947	8 x Ø29 (M24)	6210	A280AC
400-760	355L	400	600	400	1975	1098	1292	800	900	500	500	460	3658	3050	250	850	1410	1340	6	C.F.	1947	8 x Ø29 (M24)	6356	A280AC
400-760	400JH	450	600	400	1975	1098	1292	800	900	500	500	460	4021	3350	325	900	1410	1340	6	C.F.	1947	8 x Ø29 (M24)	7089	A315M
400-760	400JH	500	600	400	1975	1098	1292	800	900	500	500	460	4021	3350	325	900	1410	1340	6	C.F.	1947	8 x Ø29 (M24)	7089	A315M
400-760	450LK	560	600	400	1975	1098	1332	800	900	500	500	460	4085	3400	275	950	1410	1320	6	C.F.	1987	8 x Ø29 (M24)	8739	A315N
400-760	450LK	630	600	400	1975	1098	1332	800	900	500	500	460	4085	3400	275	950	1410	1320	6	C.F.	1987	8 x Ø29 (M24)	8829	A315N
400-760	450JH	710	600	400	1975	1098	1332	800	900	500	500	460	4235	3550	275	1000	1410	1320	6	C.F.	1987	8 x Ø29 (M24)	8913	A350P
400-800	400JH	450	600	400	1975	1098	1292	800	900	500	500	460	4021	3350	325	900	1410	1340	6	C.F.	1947	8 x Ø29 (M24)	7084	A315M
400-800	400JH	500	600	400	1975	1098	1292	800	900	500	500	460	4021	3350	325	900	1410	1340	6	C.F.	1947	8 x Ø29 (M24)	7084	A315M
400-800	450LK	560	600	400	1975	1098	1332	800	900	500	500	460	4085	3400	275	950	1410	1320	6	C.F.	1987	8 x Ø29 (M24)	8734	A315N
400-800	450LK	630	600	400	1975	1098	1332	800	900	500	500	460	4085	3400	275	950	1410	1320	6	C.F.	1987	8 x Ø29 (M24)	8824	A315N
400-800	450JH	710	600	400	1975	1098	1332	800	900	500	500	460	4235	3550	275	1000	1410	1320	6	C.F.	1987	8 x Ø29 (M24)	8908	A350P
400-800	450HGF	800	600	400	1975	1098	1332	800	900	500	500	460	4466	3650	275	775	1410	1320	6	C.F.	2047	10 x Ø29 (M24)	8910	A350P
400-800	450HGF	900	600	400	1975	1098	1332	800	900	500	500	460	4466	3650	275	775	1410	1320	6	C.F.	2047	10 x Ø29 (M24)	9038	A350P
400-925	450JH	710	600	400	2156	1188	1387	900	1000	550	550	515	4416	3700	300	775	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9403	A350S
400-925	450HGF	800	600	400	2156	1188	1387	900	1000	550	550	515	4647	3800	300	800	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9405	A350S
400-925	450HGF	900	600	400	2156	1188	1387	900	1000	550	550	515	4647	3800	300	800	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9533	A350S
400-925	500HGF	1000	600	400	2156	1188	1387	900	1000	550	550	515	4900	4450	295	965	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9577	A400J
400-925	500HGF	1100	600	400	2156	1188	1387	900	1000	550	550	515	4900	4450	295	965	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9677	A400J
400-925	560HGF	1250	600	400	2156	1188	1387	900	1000	550	550	515	5032	4450	295	965	1520	1430	6	C.F.	2183	10 x Ø29 (M24)	10077	A400K
400-970	500HGF	1000	600	400	2156	1188	1387	900	1000	550	550	515	4900	4450	295	965	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9577	A400J
400-970	500HGF	1100	600	400	2156	1188	1387	900	1000	550	550	515	4900	4450	295	965	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9677	A400J
400-970	560HGF	1250	600	400	2156	1188	1387	900	1000	550	550	515	5032	4450	295	965	1520	1430	6	C.F.	2183	10 x Ø29 (M24)	10077	A400K
450-370	280S	45	500	450	1585	868	1112	650	850	400	400	410	2545,5	2200	200	900	1200	1130	4	89	1647	6 x Ø29 (M24)	2826	A180L
450-370	280M	55	500	450	1585	868	1112	650	850	400	400	410	2600,5	2200	200	900	1200	1130	4	89	1647	6 x Ø29 (M24)	2922	A180L
450-370	315S	75	500	450	1585	868	1112	650	850	400	400	410	2745	2450	225	1000	1200	1130	4	89	1669	6 x Ø29 (M24)	3218	A180M
450-390	315S	75	500	450	1585	868	1112	650	850	400	400	410	2745	2450	225	1000	1200	1130	4	89	1669	6 x Ø29 (M24)	3218	A180M
450-390	315M	90	500	450	1585	868	1112	650	850	400	400	410	2745	2450	225	1000	1200	1130	4	89	1647	6 x Ø29 (M24)	3296	A180M
450-390	315M	110	500	450	1585	868	1112	650	850	400	400	410	2745	2450	225	1000	1200	1130	4	89	1647	6 x Ø29 (M24)	3376	A180M
500-430	315M	110	600	500	1775	978	1242	750	1000	480	480	460	2935	2600	250	700	1410	1340	4	102	1847	8 x Ø29 (M24)	4354	A200W
500-430	315M	132	600	500	1775	978	1242	750	1000	480	480	460	2935	2600	250	700	1410	1340	4	102	1847	8 x Ø29 (M24)	4543	A200W
500-430	355M	160	600	500	1775	978	1242	750	1000	480	480	460	3244	2750	250	750	1410	1340	4	102	1847	8 x Ø29 (M24)	4896	A200W
500-450	315M	132	600	500	1775	978	1242	750	1000	480	480	460	2935	2600	250	700	1410	1340	4	102	1847	8 x Ø29 (M24)	4543	A200W
500-450	355M	160	600	500	1775	978	1242	750	1000	480	480	460	3244	2750	250	750	1410	1340	4	102	1847	8 x Ø29 (M24)	4896	A200W
500-450	355M	200	600	500	1775	978	1242	750	1000	480	480	460	3244	2750	250	750	1410	1340	4	102	1847	8 x Ø29 (M24)	5003	A225T
500-500	315M	132	600	500	1683	933	1242	800	900	500	500	460	2843	2550	225	700	1410	1340	4	77	1867	8 x Ø29 (M24)	4343	A200W
500-500	355M	160	600	500	1683	933	1242	800	900	500	500	460	3152	2700	225	750	1410	1340	4	77	1867	8 x Ø29 (M24)	4696	A200W
500-500	355M	200	600	500	1683	933	1242	800	900	500	500	460	3152	2700	225	750	1410	1340	4	77	1867	8 x Ø29 (M24)	4803	A225T
500-500	355M	250	600	500	1683	933	1242	800	900	500	500	460	3154	2700	225	750	1410	1340	6	77	1867	8 x Ø29 (M24)	4817	A250H
500-525	355M	160	600	500	1683	933	1242	800	900	500	500	460	3152	2700	225	750	1410	1340	4	77	1867	8 x Ø29 (M24)	4693	A200W
500-525	355M	200	600	500	1683	933	1242	800	900	500	500	460	3152	2700	225	750	1410	1340	4	77	1867	8 x Ø29 (M24)	4800	A225T
500-525	355M	250	600	500	1683	933	1242	800	900	500	500	460	3154	2700	225	750	1410	1340	6	77	1867	8 x Ø29 (M24)	4814	A250H
500-525	355L	315	600	500	1683	933	1242	800	900	500	500	460	3171	2900	250	800	1410	1340	6	77	1867	8 x Ø29 (M24)	5632	A250H
500-525	355L	355	600	500	1683	933	1242	800	900	500	500	460	3366	2900	250	800	1410	1340	6	77	1867	8 x Ø29 (M24)	5349	A280P
500-605	355M	250	600	500	1725	953	1262	750	1000	520	520	460	3196	2700	225	750	1410	1340	6	C.F.	1897	8 x Ø29 (M24)	5605	A250W
500-605	355L	315	600	500	1725	953	1262	750	1000	520	520	460	3213	2900	250	800	1410	1340	6	C.F.	1897	8 x Ø29 (M24)	6423	A250W
500-605	355L	355	600	500	1725	953	1262	750	1000	520	520	460	3408	2900	250	800	1410	1340	6	C.F.	1897	8 x Ø29 (M24)	6140	A280T
500-605	355L	400	600	500	1725	953	1262	750	1000	520	520	460	3408	2900	250	800	1410	1340	6	C.F.	1897	8 x Ø29 (M24)	6286	A280T

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

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e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC Size	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																		H	z x s		WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC		max.	FOR SCREWS		
500-625	355L	315	600	500	1725	953	1262	750	1000	520	520	460	3213	2900	250	800	1410	1340	6	C.F.	1897	8 x Ø29 (M24)	6420	A250W	
500-625	355L	355	600	500	1725	953	1262	750	1000	520	520	460	3408	2900	250	800	1410	1340	6	C.F.	1897	8 x Ø29 (M24)	6137	A280T	
500-625	355L	400	600	500	1725	953	1262	750	1000	520	520	460	3408	2900	250	800	1410	1340	6	C.F.	1897	8 x Ø29 (M24)	6283	A280T	
500-625	400JH	450	600	500	1725	953	1262	750	1000	520	520	460	3771	3200	250	900	1410	1340	6	C.F.	1897	8 x Ø29 (M24)	7016	A315J	
500-625	400JH	500	600	500	1725	953	1262	750	1000	520	520	460	3771	3200	250	900	1410	1340	6	C.F.	1897	8 x Ø29 (M24)	7016	A315J	
500-690	355L	400	700	500	2003	1113	1487	850	1050	600	600	515	3686	3100	275	850	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	7405	A315J	
500-690	400JH	450	700	500	2003	1113	1487	850	1050	600	600	515	4049	3400	275	950	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	8119	A315W	
500-690	400JH	500	700	500	2003	1113	1487	850	1050	600	600	515	4049	3400	275	950	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	8119	A315W	
500-690	450LK	560	700	500	2003	1113	1487	850	1050	600	600	515	4113	3500	325	950	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	9769	A315X	
500-690	450LK	630	700	500	2003	1113	1487	850	1050	600	600	515	4113	3500	325	950	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	9859	A315X	
500-690	450JH	710	700	500	2003	1113	1487	850	1050	600	600	515	4263	3650	275	775	1520	1430	6	C.F.	2242	10 x Ø29 (M24)	9943	A350S	
500-690	450HGF	800	700	500	2003	1113	1487	850	1050	600	600	515	4494	3700	300	775	1520	1430	6	C.F.	2242	10 x Ø29 (M24)	9945	A350S	
500-715	355L	400	700	500	2003	1113	1487	850	1050	600	600	515	3686	3100	275	850	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	7400	A315V	
500-715	400JH	450	700	500	2003	1113	1487	850	1050	600	600	515	4049	3400	275	950	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	8114	A315W	
500-715	400JH	500	700	500	2003	1113	1487	850	1050	600	600	515	4049	3400	275	950	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	8114	A315W	
500-715	450LK	560	700	500	2003	1113	1487	850	1050	600	600	515	4113	3500	325	950	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	9764	A315X	
500-715	450LK	630	700	500	2003	1113	1487	850	1050	600	600	515	4113	3500	325	950	1520	1430	6	C.F.	2242	8 x Ø29 (M24)	9854	A315X	
500-715	450JH	710	700	500	2003	1113	1487	850	1050	600	600	515	4263	3650	275	775	1520	1430	6	C.F.	2242	10 x Ø29 (M24)	9938	A350S	
500-715	450HGF	800	700	500	2003	1113	1487	850	1050	600	600	515	4494	3700	300	775	1520	1430	6	C.F.	2242	10 x Ø29 (M24)	9940	A350S	
500-715	450HGF	900	700	500	2003	1113	1487	850	1050	600	600	515	4494	3700	300	775	1520	1430	6	C.F.	2242	10 x Ø29 (M24)	10068	A350S	
500-715	500HGF	1000	700	500	2003	1113	1487	850	1050	600	600	515	4747	4000	320	840	1520	1430	6	C.F.	2242	10 x Ø29 (M24)	10112	A400J	
500-875	450HGF	800	700	500	2312	1288	1487	950	1050	600	600	515	4803	3900	300	825	1520	1430	6	C.F.	2272	10 x Ø29 (M24)	10342	A350AA	
500-875	450HGF	900	700	500	2312	1288	1487	950	1050	600	600	515	4803	3900	300	825	1520	1430	6	C.F.	2272	10 x Ø29 (M24)	10470	A350AA	
500-875	500HGF	1000	700	500	2312	1288	1487	950	1050	600	600	515	5056	4450	295	965	1520	1430	6	C.F.	2272	10 x Ø29 (M24)	10514	A400L	
500-875	500HGF	1100	700	500	2312	1288	1487	950	1050	600	600	515	5056	4450	295	965	1520	1430	6	C.F.	2272	10 x Ø29 (M24)	10614	A400L	
500-875	560HGF	1250	700	500	2312	1288	1487	950	1050	600	600	515	5188	4450	295	965	1520	1430	6	C.F.	2283	10 x Ø29 (M24)	11014	A400M	
500-920	450HGF	800	700	500	2312	1288	1487	950	1050	600	600	515	4803	3900	300	825	1520	1430	6	C.F.	2272	10 x Ø29 (M24)	10335	A350AA	
500-920	450HGF	900	700	500	2312	1288	1487	950	1050	600	600	515	4803	3900	300	825	1520	1430	6	C.F.	2272	10 x Ø29 (M24)	10463	A350AA	
500-920	500HGF	1000	700	500	2312	1288	1487	950	1050	600	600	515	5056	4450	295	965	1520	1430	6	C.F.	2272	10 x Ø29 (M24)	10507	A400L	
500-920	500HGF	1100	700	500	2312	1288	1487	950	1050	600	600	515	5056	4450	295	965	1520	1430	6	C.F.	2272	10 x Ø29 (M24)	10607	A400L	
500-920	560HGF	1250	700	500	2312	1288	1487	950	1050	600	600	515	5188	4450	295	965	1520	1430	6	C.F.	2283	10 x Ø29 (M24)	11007	A400M	
600-540	355M	200	700	600	1865	1023	1367	900	1050	530	530	515	3336	2850	225	800	1520	1430	6	77	2007	8 x Ø29 (M24)	6015	A250W	
600-540	355M	250	700	600	1865	1023	1367	900	1050	530	530	515	3336	2850	225	800	1520	1430	6	77	2007	8 x Ø29 (M24)	6020	A250W	
600-540	355L	315	700	600	1865	1023	1367	900	1050	530	530	515	3353	3000	225	850	1520	1430	6	77	2007	8 x Ø29 (M24)	6838	A250W	
600-540	355L	355	700	600	1865	1023	1367	900	1050	530	530	515	3548	3000	225	850	1520	1430	6	77	2007	8 x Ø29 (M24)	6555	A280T	
600-540	355L	400	700	600	1865	1023	1367	900	1050	530	530	515	3548	3000	225	850	1520	1430	6	77	2007	8 x Ø29 (M24)	6701	A280T	
600-575	355L	315	700	600	1865	1023	1367	900	1050	530	530	515	3353	3000	225	850	1520	1430	6	77	2007	8 x Ø29 (M24)	6835	A250W	
600-575	355L	355	700	600	1865	1023	1367	900	1050	530	530	515	3548	3000	225	850	1520	1430	6	77	2007	8 x Ø29 (M24)	6552	A280T	
600-575	355L	400	700	600	1865	1023	1367	900	1050	530	530	515	3548	3000	225	850	1520	1430	6	77	2007	8 x Ø29 (M24)	6698	A280T	
600-575	400JH	450	700	600	1865	1023	1367	900	1050	530	530	515	3911	3350	325	900	1520	1430	6	77	2007	8 x Ø29 (M24)	7431	A315J	
600-575	400JH	500	700	600	1865	1023	1367	900	1050	530	530	515	3911	3350	325	900	1520	1430	6	77	2007	8 x Ø29 (M24)	7431	A315J	
600-580	355L	315	700	600	1973	1098	1387	900	1050	550	550	515	3461	3100	275	850	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	6568	A280AC	
600-580	355L	355	700	600	1973	1098	1387	900	1050	550	550	515	3656	3100	275	850	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	6275	A280AC	
600-580	355L	400	700	600	1973	1098	1387	900	1050	550	550	515	3656	3100	275	850	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	6421	A280AC	
600-580	400JH	450	700	600	1973	1098	1387	900	1050	550	550	515	4019	3400	275	950	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	7135	A280AE	
600-580	400JH	500	700	600	1973	1098	1387	900	1050	550	550	515	4019	3400	275	950	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	7154	A315M	

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

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e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																		H	Z x S		WEIGHT [kg]	COUPLING TYPE
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC		max.	FOR SCREWS		
600-610	355L	355	700	600	1973	1098	1387	900	1050	550	550	515	3656	3100	275	850	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	6272	A280AC	
600-610	355L	400	700	600	1973	1098	1387	900	1050	550	550	515	3656	3100	275	850	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	6418	A280AC	
600-610	400JH	450	700	600	1973	1098	1387	900	1050	550	550	515	4019	3400	275	950	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	7151	A315M	
600-610	400JH	500	700	600	1973	1098	1387	900	1050	550	550	515	4019	3400	275	950	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	7151	A315M	
600-610	450LK	560	700	600	1973	1098	1387	900	1050	550	550	515	4083	3450	300	950	1520	1430	6	C.F.	2087	8 x Ø29 (M24)	8801	A315N	
600-770	450JH	710	800	600	2263	1263	1637	1000	1200	700	700	600	4523	3850	275	825	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	12480	A350AA	
600-770	450HGF	800	800	600	2263	1263	1637	1000	1200	700	700	600	4754	3950	295	840	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	12482	A350AA	
600-770	450HGF	900	800	600	2263	1263	1637	1000	1200	700	700	600	4754	3950	295	840	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	12610	A350AA	
600-770	500HGF	1000	800	600	2263	1263	1637	1000	1200	700	700	600	5007	4450	295	965	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	12654	A400L	
600-770	500HGF	1100	800	600	2263	1263	1637	1000	1200	700	700	600	5007	4450	295	965	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	12754	A400L	
600-770	560HGF	1250	800	600	2263	1263	1637	1000	1200	700	700	600	5139	4450	295	965	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	13154	A400M	
600-810	450HGF	800	800	600	2263	1263	1637	1000	1200	700	700	600	4754	3950	295	840	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	12475	A350AA	
600-810	450HGF	900	800	600	2263	1263	1637	1000	1200	700	700	600	4754	3950	295	840	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	12603	A350AA	
600-810	500HGF	1000	800	600	2263	1263	1637	1000	1200	700	700	600	5007	4450	295	965	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	12647	A400L	
600-810	500HGF	1100	800	600	2263	1263	1637	1000	1200	700	700	600	5007	4450	295	965	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	12747	A400L	
600-810	560HGF	1250	800	600	2263	1263	1637	1000	1200	700	700	600	5139	4450	295	965	1640	1550	6	C.F.	2482	10 x Ø29 (M24)	13147	A400M	
600-950	500HGF	1100	800	600	2587	1393	1587	1150	1200	650	650	705	5331	4450	295	965	1900	1810	6	C.F.	2422	10 x Ø29 (M24)	12081	A440K	
600-950	560HGF	1250	800	600	2587	1393	1587	1150	1200	650	650	705	5463	4750	335	1020	1900	1810	6	C.F.	2422	10 x Ø29 (M24)	12481	A440L	
600-1000	560HGF	1250	800	600	2587	1393	1587	1150	1200	650	650	705	5463	4750	335	1020	1900	1810	6	C.F.	2422	10 x Ø29 (M24)	12481	A440L	
600-1060	560HGF	1250	800	600	2687	1443	1637	1250	1300	700	700	705	5563	4750	335	1020	1900	1810	6	C.F.	2552	10 x Ø29 (M24)	14352	A440L	
600-1115	560HGF	1250	800	600	2687	1443	1637	1250	1300	700	700	705	5563	4750	335	1020	1900	1810	6	C.F.	2552	10 x Ø29 (M24)	14345	A440L	
700-505	355M	200	700	700	2003	1093	1437	900	1100	610	610	515	3474	2900	250	800	1520	1430	6	C.F.	2252	8 x Ø29 (M24)	7956	A250W	
700-505	355M	250	700	700	2003	1093	1437	900	1100	610	610	515	3474	2900	250	800	1520	1430	6	C.F.	2252	8 x Ø29 (M24)	7961	A250W	
700-505	355L	315	700	700	2003	1093	1437	900	1100	610	610	515	3491	3100	275	850	1520	1430	6	C.F.	2252	8 x Ø29 (M24)	8779	A250W	
700-535	355M	250	700	700	2003	1093	1437	900	1100	610	610	515	3474	2900	250	800	1520	1430	6	C.F.	2252	8 x Ø29 (M24)	7961	A250W	
700-535	355L	315	700	700	2003	1093	1437	900	1100	610	610	515	3491	3100	275	850	1520	1430	6	C.F.	2252	8 x Ø29 (M24)	8779	A250W	
700-535	355L	355	700	700	2003	1093	1437	900	1100	610	610	515	3686	3100	275	850	1520	1430	6	C.F.	2252	8 x Ø29 (M24)	8496	A280T	
700-535	355L	400	700	700	2003	1093	1437	900	1100	610	610	515	3686	3100	275	850	1520	1430	6	C.F.	2252	8 x Ø29 (M24)	8642	A280T	
700-535	400JH	450	700	700	2003	1093	1437	900	1100	610	610	515	4049	3400	275	950	1520	1430	6	C.F.	2252	8 x Ø29 (M24)	9375	A315J	
700-585	355L	400	800	700	2153	1188	1487	950	1150	600	600	600	3836	3250	275	900	1640	1550	6	C.F.	2247	8 x Ø29 (M24)	8580	A315V	
700-585	400JH	450	800	700	2153	1188	1487	950	1150	600	600	600	4199	3600	300	1000	1640	1550	6	C.F.	2247	8 x Ø29 (M24)	9294	A315W	
700-585	400JH	500	800	700	2153	1188	1487	950	1150	600	600	600	4199	3600	300	1000	1640	1550	6	C.F.	2247	8 x Ø29 (M24)	9294	A315W	
700-585	450LK	560	800	700	2153	1188	1487	950	1150	600	600	600	4263	3650	275	775	1640	1550	6	C.F.	2247	10 x Ø29 (M24)	10944	A315X	
700-585	450LK	630	800	700	2153	1188	1487	950	1150	600	600	600	4263	3650	275	775	1640	1550	6	C.F.	2247	10 x Ø29 (M24)	11034	A315X	
700-615	450LK	560	800	700	2153	1188	1487	950	1150	600	600	600	4263	3650	275	775	1640	1550	6	C.F.	2247	10 x Ø29 (M24)	10944	A315X	
700-615	450LK	630	800	700	2153	1188	1487	950	1150	600	600	600	4263	3650	275	775	1640	1550	6	C.F.	2247	10 x Ø29 (M24)	11034	A315X	
700-615	450JH	710	800	700	2153	1188	1487	950	1150	600	600	600	4413	3800	300	800	1640	1550	6	C.F.	2247	10 x Ø29 (M24)	11118	A350S	
700-615	450HGF	800	800	700	2153	1188	1487	950	1150	600	600	600	4644	3850	275	825	1640	1550	6	C.F.	2247	10 x Ø29 (M24)	11120	A350S	
700-615	450HGF	900	800	700	2153	1188	1487	950	1150	600	600	600	4644	3850	275	825	1640	1550	6	C.F.	2247	10 x Ø29 (M24)	11248	A350S	
700-635	450LK	560	800	700	2153	1188	1537	1000	1200	650	650	600	4263	3650	275	775	1640	1550	6	C.F.	2367	10 x Ø29 (M24)	10409	A315X	
700-635	450LK	630	800	700	2153	1188	1537	1000	1200	650	650	600	4263	3650	275	775	1640	1550	6	C.F.	2367	10 x Ø29 (M24)	10499	A315X	
700-635	450JH	710	800	700	2153	1188	1537	1000	1200	650	650	600	4413	3800	300	800	1640	1550	6	C.F.	2367	10 x Ø29 (M24)	10583	A350S	
700-635	450HGF	800	800	700	2153	1188	1537	1000	1200	650	650	600	4644	3850	275	825	1640	1550	6	C.F.	2367	10 x Ø29 (M24)	10585	A350S	
700-635	450HGF	900	800	700	2153	1188	1537	1000	1200	650	650	600	4644	3850	275	825	1640	1550	6	C.F.	2367	10 x Ø29 (M24)	10713	A350S	
700-670	450LK	630	800	700	2153	1188	1537	1000	1200	650	650	600	4263	3650	275	775	1640	1550	6	C.F.	2367	10 x Ø29 (M24)	10494	A315X	
700-670	450JH	710	800	700	2153	1188	1537	1000	1200	650	650	600	4413	3800	300	800	1640	1550	6	C.F.	2367	10 x Ø29 (M24)	10578	A350S	
700-670	450HGF	800	800	700	2153	1188	1537	1000	1200	650	650	600	4644	3850	275	825	1640	1550	6	C.F.	2367	10 x Ø29 (M24)	10580	A350S	
700-670	450HGF	900	800	700	2153	1188	1537	1000	1200	650	650	600	4644	3850	275	825									

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.<

e-XC SERIES

DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 6 POLES

PUMP TYPE eXC Size	IEC MOTOR FRAME	1000 [rpm]	DIMENSIONS [mm]																			WEIGHT [kg]	COUPLING TYPE	
			DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC	H			z x s
																					max.			FOR SCREWS
800-560	355L	355	800	800	2243	1233	1567	1000	1200	680	680	600	3926	3300	300	900	1640	1550	6	C.F.	2462	8 x Ø29 (M24)	10095	A280AC
800-560	355L	400	800	800	2243	1233	1567	1000	1200	680	680	600	3926	3300	300	900	1640	1550	6	C.F.	2462	8 x Ø29 (M24)	10241	A280AC
800-560	400JH	450	800	800	2243	1233	1567	1000	1200	680	680	600	4289	3650	275	775	1640	1550	6	C.F.	2462	10 x Ø29 (M24)	10974	A315M
800-560	400JH	500	800	800	2243	1233	1567	1000	1200	680	680	600	4289	3650	275	775	1640	1550	6	C.F.	2462	10 x Ø29 (M24)	10974	A315M
800-560	450LK	560	800	800	2243	1233	1567	1000	1200	680	680	600	4353	3700	300	775	1640	1550	6	C.F.	2462	10 x Ø29 (M24)	12624	A315N
800-590	400JH	450	800	800	2243	1233	1567	1000	1200	680	680	600	4289	3650	275	775	1640	1550	6	C.F.	2462	10 x Ø29 (M24)	10971	A315M
800-590	400JH	500	800	800	2243	1233	1567	1000	1200	680	680	600	4289	3650	275	775	1640	1550	6	C.F.	2462	10 x Ø29 (M24)	10971	A315M
800-590	450LK	560	800	800	2243	1233	1567	1000	1200	680	680	600	4353	3700	300	775	1640	1550	6	C.F.	2462	10 x Ø29 (M24)	12621	A315N
800-590	450LK	630	800	800	2243	1233	1567	1000	1200	680	680	600	4353	3700	300	775	1640	1550	6	C.F.	2462	10 x Ø29 (M24)	12711	A315N
800-590	450JH	710	800	800	2243	1233	1567	1000	1200	680	680	600	4503	3850	275	825	1640	1550	6	C.F.	2462	10 x Ø29 (M24)	12795	A350P

NOTE: Pumps with flanges according to EN1092-2 PN16/PN25 and ASME/ANSI B16.1 and B16.5 #125/#250/#150/#300 as standard. Flat face only
Flange drilling dimensions and additional Pump dimensions are in separate sections.
C.F. please Consult Factory

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e-XC SERIES

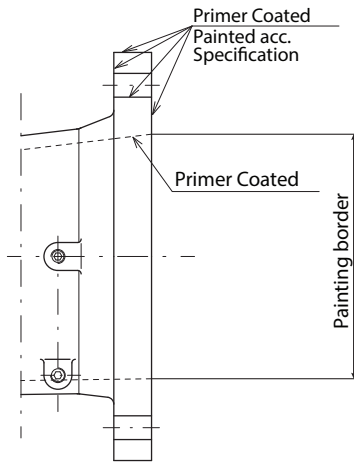
DIMENSIONS AND WEIGHTS PBCM AT 50 Hz, 8 POLES

PUMP TYPE eXC	IEC MOTOR FRAME	750 [rpm]	DIMENSIONS [mm]																			WEIGHT [kg]	COUPLING TYPE	
			Size	DNS	DND	CP	W	H	X	YY	S	Z	c	L	L1	L2	L3	B1	B2	DBSE	MRC			H max.
400-925	400JH	450	600	400	2156	1188	1387	900	1000	550	550	515	4202	3500	325	950	1520	1430	6	C.F.	2177	8 x Ø29 (M24)	7773	A350R
400-925	400JH	500	600	400	2156	1188	1387	900	1000	550	550	515	4416	3700	300	775	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9519	A350R
400-925	450JH	560	600	400	2156	1188	1387	900	1000	550	550	515	4416	3700	300	775	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9520	A350S
400-970	400JH	500	600	400	2156	1188	1387	900	1000	550	550	515	4416	3700	300	775	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9519	A350R
400-970	450JH	560	600	400	2156	1188	1387	900	1000	550	550	515	4416	3700	300	775	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9520	A350S
400-970	450HGF	630	600	400	2156	1188	1387	900	1000	550	550	515	4647	3800	300	800	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9693	A350S
400-970	450HGF	710	600	400	2156	1188	1387	900	1000	550	550	515	4647	3800	300	800	1520	1430	6	C.F.	2177	10 x Ø29 (M24)	9655	A350S
600-950	450HGF	710	800	600	2587	1393	1587	1150	1200	650	650	705	5078	4450	295	965	1900	1810	6	C.F.	2422	10 x Ø29 (M24)	12086	A440J
600-950	500HGF	800	800	600	2587	1393	1587	1150	1200	650	650	705	5331	4450	295	965	1900	1810	6	C.F.	2422	10 x Ø29 (M24)	12156	A440K
600-950	500HGF	900	800	600	2587	1393	1587	1150	1200	650	650	705	5331	4450	295	965	1900	1810	6	C.F.	2422	10 x Ø29 (M24)	12256	A440K
600-950	560HGF	1000	800	600	2587	1393	1587	1150	1200	650	650	705	5463	4750	335	1020	1900	1810	6	C.F.	2422	10 x Ø29 (M24)	12456	A440L
600-1000	560HGF	1000	800	600	2587	1393	1587	1150	1200	650	650	705	5463	4750	335	1020	1900	1810	6	C.F.	2422	10 x Ø29 (M24)	12456	A440L
600-1000	560HGF	1100	800	600	2587	1393	1587	1150	1200	650	650	705	5463	4750	335	1020	1900	1810	6	C.F.	2422	10 x Ø29 (M24)	12456	A440L
600-1060	450JH	560	800	600	2687	1443	1637	1250	1300	700	700	705	4947	4450	295	965	1900	1810	6	C.F.	2552	10 x Ø29 (M24)	13821	A440J
600-1060	450HGF	630	800	600	2687	1443	1637	1250	1300	700	700	705	5178	4450	295	965	1900	1810	6	C.F.	2552	10 x Ø29 (M24)	13994	A440J
600-1060	450HGF	710	800	600	2687	1443	1637	1250	1300	700	700	705	5178	4450	295	965	1900	1810	6	C.F.	2552	10 x Ø29 (M24)	13956	A440J
600-1115	500HGF	800	800	600	2687	1443	1637	1250	1300	700	700	705	5431	4500	350	950	1900	1810	6	C.F.	2552	10 x Ø29 (M24)	14026	A440K
600-1115	500HGF	900	800	600	2687	1443	1637	1250	1300	700	700	705	5431	4500	350	950	1900	1810	6	C.F.	2552	10 x Ø29 (M24)	14126	A440K
600-1115	560HGF	1000	800	600	2687	1443	1637	1250	1300	700	700	705	5563	4750	335	1020	1900	1810	6	C.F.	2552	10 x Ø29 (M24)	14326	A440L
700-735	400JH	450	800	700	2273	1248	1587	1100	1300	700	700	600	4319	3650	275	775	1640	1550	6	C.F.	2497	10 x Ø29 (M24)	10205	A350R
700-735	400JH	500	800	700	2273	1248	1587	1100	1300	700	700	600	4533	3850	275	825	1640	1550	6	C.F.	2497	10 x Ø29 (M24)	11969	A350R
700-735	450JH	560	800	700	2273	1248	1587	1100	1300	700	700	600	4533	3850	275	825	1640	1550	6	C.F.	2497	10 x Ø29 (M24)	11970	A350S
700-735	450HGF	630	800	700	2273	1248	1587	1100	1300	700	700	600	4764	3950	295	840	1640	1550	6	C.F.	2497	10 x Ø29 (M24)	12143	A350S
700-775	450JH	560	800	700	2273	1248	1587	1100	1300	700	700	600	4533	3850	275	825	1640	1550	6	C.F.	2497	10 x Ø29 (M24)	11970	A350S
700-775	450HGF	630	800	700	2273	1248	1587	1100	1300	700	700	600	4764	3950	295	840	1640	1550	6	C.F.	2497	10 x Ø29 (M24)	12143	A350S
700-775	450HGF	710	800	700	2273	1248	1587	1100	1300	700	700	600	4764	3950	295	840	1640	1550	6	C.F.	2497	10 x Ø29 (M24)	12105	A350S
700-775	500HGF	800	800	700	2273	1248	1587	1100	1300	700	700	600	5017	4450	295	965	1640	1550	6	C.F.	2497	10 x Ø29 (M24)	12209	A400J
700-830	450HGF	630	800	700	2363	1313	1637	1050	1300	750	750	600	4854	4000	320	840	1640	1550	6	C.F.	2547	10 x Ø29 (M24)	13923	A350AA
700-830	450HGF	710	800	700	2363	1313	1637	1050	1300	750	750	600	4854	4000	320	840	1640	1550	6	C.F.	2547	10 x Ø29 (M24)	13885	A350AA
700-830	500HGF	800	800	700	2363	1313	1637	1050	1300	750	750	600	5107	4450	295	965	1640	1550	6	C.F.	2547	10 x Ø29 (M24)	13989	A400L
700-830	500HGF	900	800	700	2363	1313	1637	1050	1300	750	750	600	5107	4450	295	965	1640	1550	6	C.F.	2547	10 x Ø29 (M24)	14089	A400L
700-830	560HGF	1000	800	700	2363	1313	1637	1050	1300	750	750	600	5239	4500	350	950	1640	1550	6	C.F.	2547	10 x Ø29 (M24)	14326	A440E
700-870	500HGF	800	800	700	2363	1313	1637	1050	1300	750	750	600	5107	4450	295	965	1640	1550	6	C.F.	2547	10 x Ø29 (M24)	13989	A400L
700-870	500HGF	900	800	700	2363	1313	1637	1050	1300	750	750	600	5107	4450	295	965	1640	1550	6	C.F.	2547	10 x Ø29 (M24)	14089	A400L
700-870	560HGF	1000	800	700	2363	1313	1637	1050	1300	750	750	600	5239	4500	350	950	1640	1550	6	C.F.	2547	10 x Ø29 (M24)	14326	A440E
700-870	560HGF	1100	800	700	2363	1313	1637	1050	1300	750	750	600	5239	4500	350	950	1640	1550	6	C.F.	2547	10 x Ø29 (M24)	14326	A440E
700-945	500HGF	900	900	700	2605	1423	1837	1200	1500	850	850	705	5349	4500	350	950	1900	1810	6	C.F.	2827	10 x Ø29 (M24)	17199	A480D
700-945	560HGF	1000	900	700	2605	1423	1837	1200	1500	850	850	705	5481	4750	335	1020	1900	1810	6	C.F.	2827	10 x Ø29 (M24)	17399	A480E
700-945	560HGF	1100	900	700	2605	1423	1837	1200	1500	850	850	705	5481	4750	335	1020	1900	1810	6	C.F.	2827	10 x Ø29 (M24)	17399	A480E
700-995	500HGF	900	900	700	2605	1423	1837	1200	1500	850	850	705	5349	4500	350	950	1900	1810	6	C.F.	2827	10 x Ø29 (M24)	17199	A480D
700-995	560HGF	1000	900	700	2605	1423	1837	1200	1500	850	850	705	5481	4750	335	1020	1900	1810	6	C.F.	2827	10 x Ø29 (M24)	17399	A480E
700-995	560HGF	1100	900	700	2605	1423	1837	1200	1500	850	850	705	5481	4750	335	1020	1900	1810	6	C.F.	2827	10 x Ø29 (M24)	17399	A480E

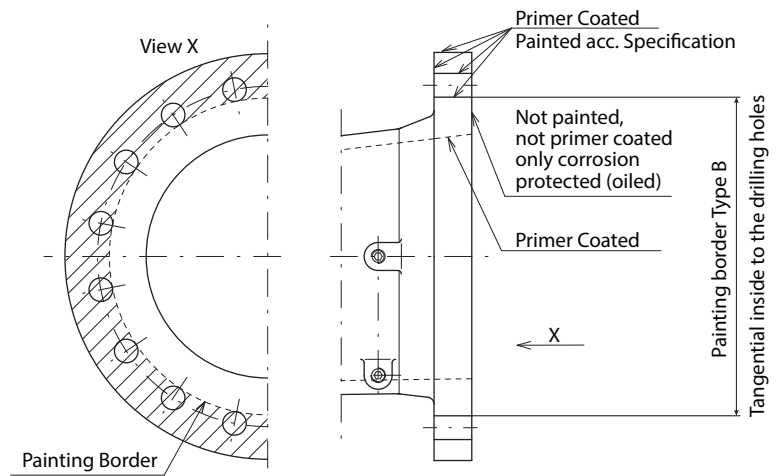
e-XC SERIES FLANGES TYPE AND PAINTING DETAILS

Type A = standard
Type B/C/D = optional

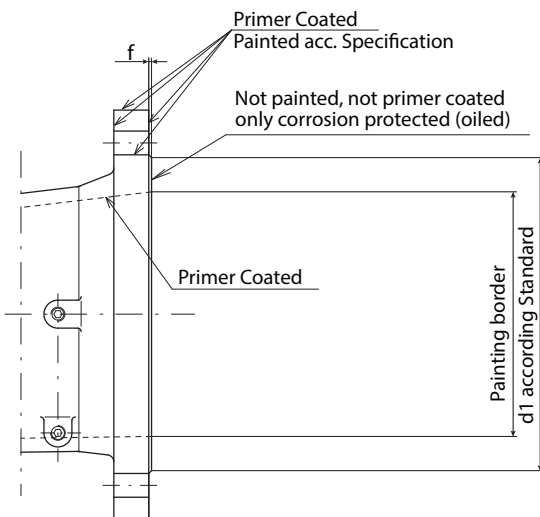
Type A
Flat Face Standard



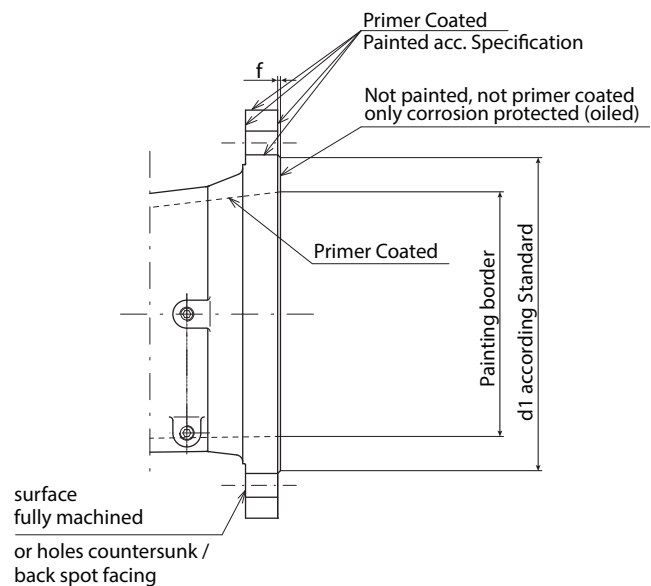
Type B
Flat Face, Painted with Mask



Type C
Raised Face



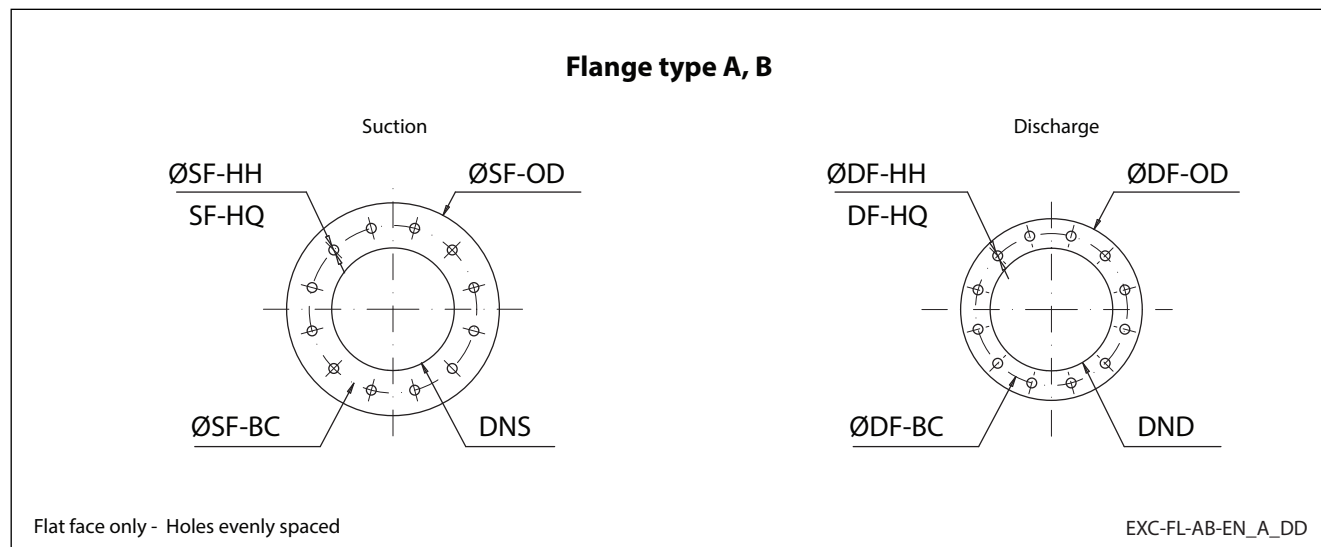
Type D
Raised Face, back spot facing



EXC-FL-TYPE_EN_B_DD

e-XC SERIES

FLANGES DIMENSIONS, TYPE A-B Flat Face - EN1092-2/ISO7005-2



Material: Cast Iron / Ductile Iron

Flange drillings and dimension OD according standard.

Flange thickness varies from Standard.

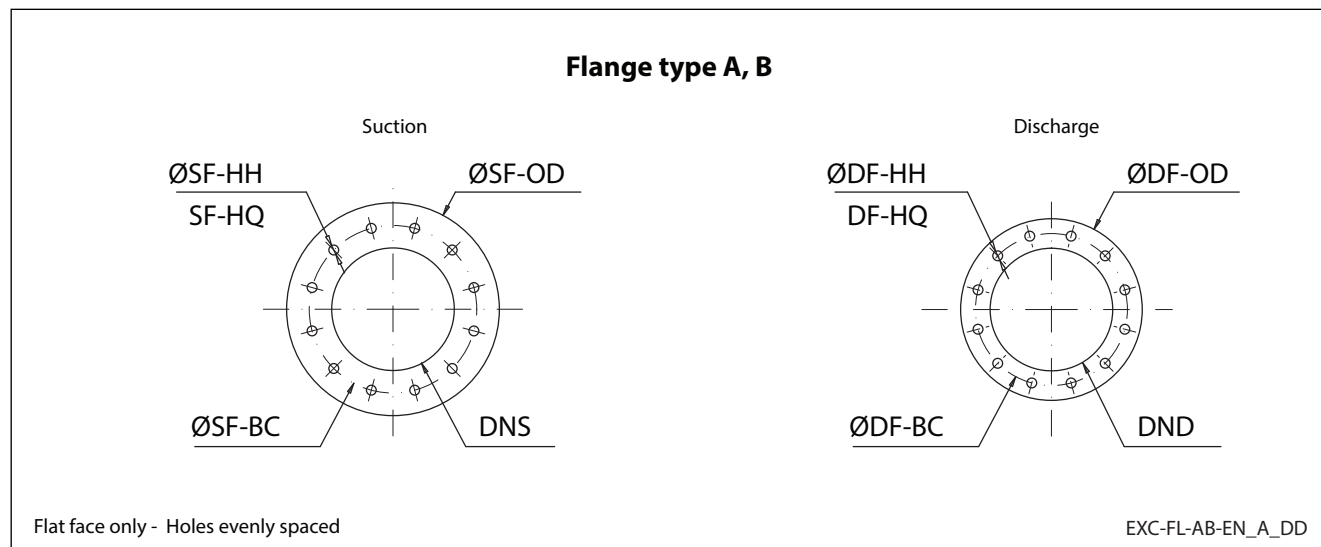
Flat Face execution, also in Standard EN1092-2.

DIMENSIONS (mm)												
Suction side												
EN1092-2 / ISO7005-2												
	PN16 FF				PN25 FF				PN40 FF			
DNS	SF-OD	SF-BC	SF-HQ	SF-HH	SF-OD	SF-BC	SF-HQ	SF-HH	SF-OD	SF-BC	SF-HQ	SF-HH
125	250	210	8	19	270	220	8	28	270	220	8	28
150	285	240	8	23	300	250	8	28	300	250	8	28
200	340	295	12	23	360	310	12	28	375	320	12	31
250	405	355	12	28	425	370	12	31	450	385	12	34
300	460	410	12	28	485	430	16	31	515	450	16	34
350	520	470	16	28	555	490	16	34	580	510	16	37
400	580	525	16	31	620	550	16	37	660	585	16	41
450	640	585	20	31	670	600	20	37	685	610	20	41
500	715	650	20	34	730	660	20	37	755	670	20	44
600	840	770	20	37	845	770	20	41	890	795	20	50
700	910	840	24	37	960	875	24	44	N.A.	N.A.	N.A.	N.A.
800	1025	950	24	41	1085	990	24	50	N.A.	N.A.	N.A.	N.A.
900	1125	1050	28	41	1158	1090	28	50	N.A.	N.A.	N.A.	N.A.
Discharge side												
DND	DF-OD	DF-BC	DF-HQ	DF-HH	DF-OD	DF-BC	DF-HQ	DF-HH	DF-OD	DF-BC	DF-HQ	DF-HH
80	200	160	8	19	200	160	8	19	200	160	8	19
100	220	180	8	19	235	190	8	23	235	190	8	23
125	250	210	8	19	270	220	8	28	270	220	8	28
150	285	240	8	23	300	250	8	28	300	250	8	28
200	340	295	12	23	360	310	12	28	375	320	12	31
250	405	355	12	28	425	370	12	31	450	385	12	34
300	460	410	12	28	485	430	16	31	515	450	16	34
350	520	470	16	28	555	490	16	34	580	510	16	37
400	580	525	16	31	620	550	16	37	660	585	16	41
450	640	585	20	31	670	600	20	37	685	610	20	41
500	715	650	20	34	730	660	20	37	755	670	20	44
600	840	770	20	37	845	770	20	41	890	795	20	50
700	910	840	24	37	960	875	24	44	N.A.	N.A.	N.A.	N.A.
800	1025	950	24	41	1085	990	24	50	N.A.	N.A.	N.A.	N.A.

eXC_FL_AB_EN10-en_b_td 1

e-XC SERIES

FLANGES DIMENSIONS, TYPE A-B Flat Face - EN1092-1/ISO7005-1



Material: Cast Stainless Steel

Flange drillings and dimension OD according to standard.

Flange thickness varies from Standard.

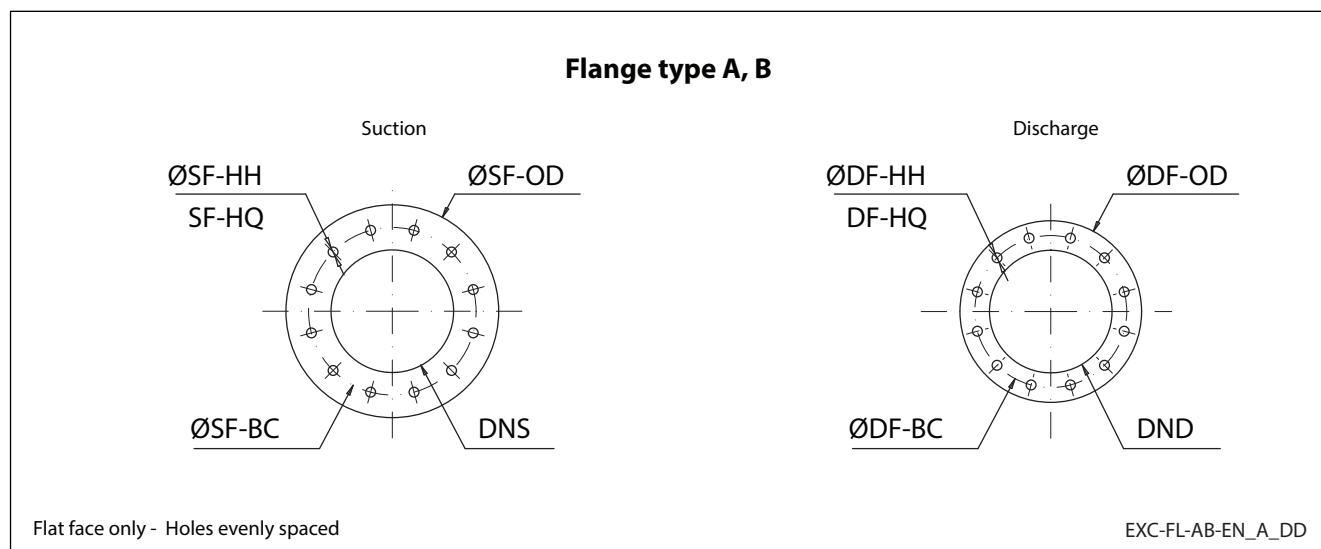
Flat Face execution

DIMENSIONS (mm)												
Suction side												
EN1092-1 / ISO7005-1												
	PN16 FF				PN25 FF				PN40 FF			
DNS	SF-OD	SF-BC	SF-HQ	SF-HH	SF-OD	SF-BC	SF-HQ	SF-HH	SF-OD	SF-BC	SF-HQ	SF-HH
125	250	210	8	18	270	220	8	26	270	220	8	26
150	285	240	8	22	300	250	8	26	300	250	8	26
200	340	295	12	22	360	310	12	26	375	320	12	30
250	405	355	12	26	425	370	12	30	450	385	12	33
300	460	410	12	26	485	430	16	30	515	450	16	33
350	520	470	16	26	555	490	16	33	580	510	16	36
400	580	525	16	30	620	550	16	36	660	585	16	39
450	640	585	20	30	670	600	20	36	685	610	20	39
500	715	650	20	33	730	660	20	36	755	670	20	42
600	840	770	20	36	845	770	20	39	890	795	20	48
700	910	840	24	36	960	875	24	42	N.A.	N.A.	N.A.	N.A.
800	1025	950	24	39	1085	990	24	48	N.A.	N.A.	N.A.	N.A.
900	1125	1050	28	39	1158	1090	28	48	N.A.	N.A.	N.A.	N.A.
Discharge side												
DND	DF-OD	DF-BC	DF-HQ	DF-HH	DF-OD	DF-BC	DF-HQ	DF-HH	DF-OD	DF-BC	DF-HQ	DF-HH
80	200	160	8	18	200	160	8	18	200	160	8	18
100	220	180	8	18	235	190	8	22	235	190	8	22
125	250	210	8	18	270	220	8	26	270	220	8	26
150	285	240	8	22	300	250	8	26	300	250	8	26
200	340	295	12	22	360	310	12	26	375	320	12	30
250	405	355	12	26	425	370	12	30	450	385	12	33
300	460	410	12	26	485	430	16	30	515	450	16	33
350	520	470	16	26	555	490	16	33	580	510	16	36
400	580	525	16	30	620	550	16	36	660	585	16	39
450	640	585	20	30	670	600	20	36	685	610	20	39
500	715	650	20	33	730	660	20	36	755	670	20	42
600	840	770	20	36	845	770	20	39	890	795	20	48
700	910	840	24	36	960	875	24	42	N.A.	N.A.	N.A.	N.A.
800	1025	950	24	39	1085	990	24	48	N.A.	N.A.	N.A.	N.A.

eXC_FL_AB_EN10-en_b_td 2

e-XC SERIES

FLANGES DIMENSIONS, TYPE A-B Flat Face - ASME / AWWA



Material: Cast Iron / Ductile Iron / Cast Stainless Steel

Flange drillings and dimension OD according standard.

Flange thickness varies from Standard.

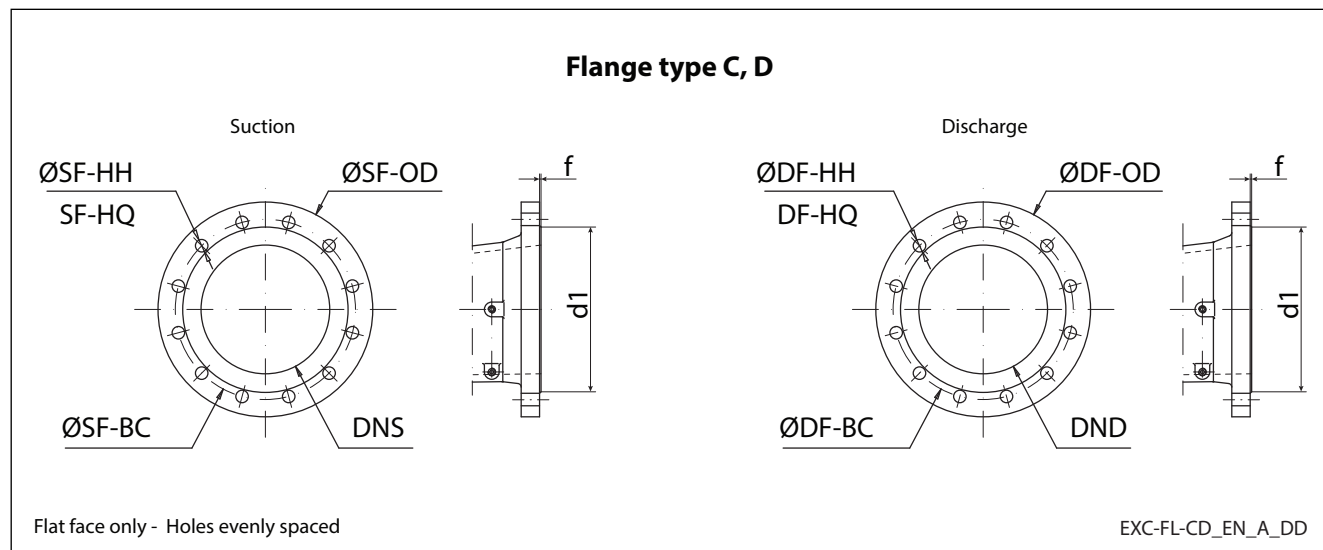
Flat Face execution.

DIMENSIONS (mm)								
Suction side								
ASME B16.5 / ASME B16.1 / AWWA								
	CL. 150 FF / CL. 125 FF / CL D				CL. 300 FF / CL. 250 FF / CL F			
DNS	SF-OD	SF-BC	SF-HQ	SF-HH	SF-OD	SF-BC	SF-HQ	SF-HH
5"	254	216	8	22	279	235	8	22
6"	279	241	8	22	318	270	12	22
8"	343	298	8	22	381	330	12	25
10"	406	362	12	25	445	387	16	29
12"	483	432	12	25	521	451	16	32
14"	533	476	12	29	584	514	20	32
16"	597	540	16	29	648	572	20	35
18"	635	578	16	32	711	629	24	35
20"	699	635	20	32	775	686	24	35
24"	813	749	20	35	914	813	24	41
28"	927	864	28	35	1035	940	28	48
32"	1060	978	28	41	1149	1054	28	48
36"	1168	1085	32	41	1270	1168	32	51
Discharge side								
DND	DF-OD	DF-BC	DF-HQ	DF-HH	DF-OD	DF-BC	DF-HQ	DF-HH
3"	191	152	4	19	210	168	8	22
4"	229	191	8	19	254	200	8	22
5"	254	216	8	22	279	235	8	22
6"	279	241	8	22	318	270	12	22
8"	343	298	8	22	381	330	12	25
10"	406	362	12	25	445	387	16	29
12"	483	432	12	25	521	451	16	32
14"	533	476	12	29	584	514	20	32
16"	597	540	16	29	648	572	20	35
18"	635	578	16	32	711	629	24	35
20"	699	635	20	32	775	686	24	35
24"	813	749	20	35	914	813	24	41
28"	927	864	28	35	1035	940	28	48
32"	1060	978	28	41	1149	1054	28	48

eXC_FL_AB_ASME-en_b_td

e-XC SERIES

FLANGES DIMENSIONS, TYPE C-D Raised Face EN1092-2/ISO7005-2



Material: Cast Iron / Ductile Iron

Flange drillings and dimension OD according standard.

Flange thickness varies from Standard.

Raised Face execution.

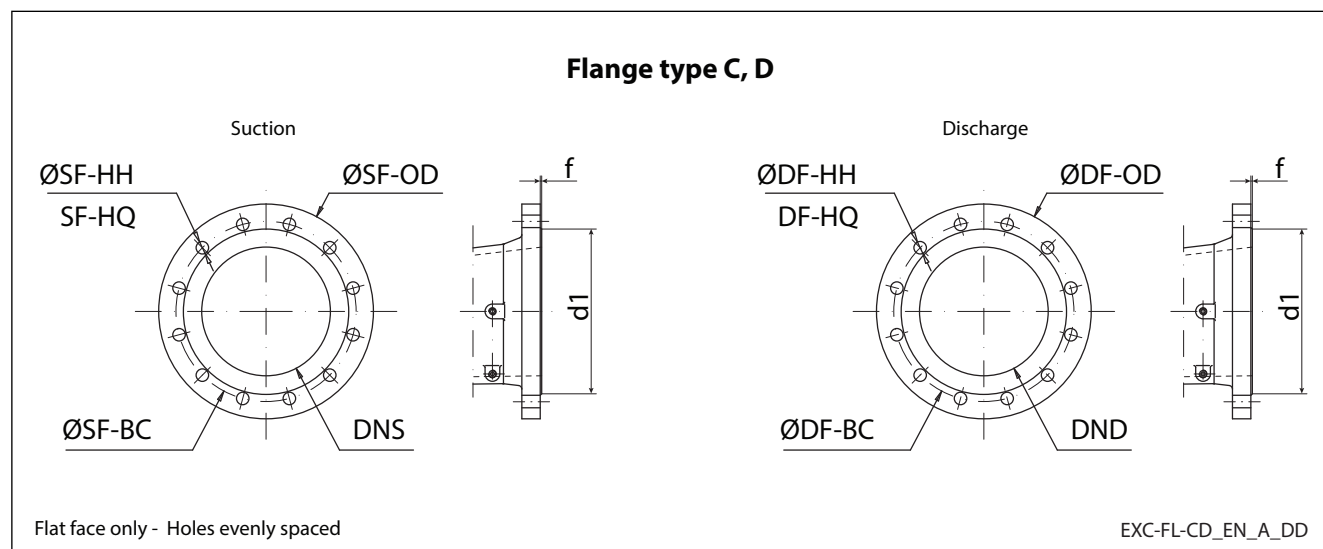
DIMENSIONS (mm)																
Suction side																
EN1092-2 / ISO7005-2																
		PN16 RF					PN25 RF					PN40 RF				
DNS	f	d1	SF-OD	SF-BC	SF-HQ	SF-HH	d1	SF-OD	SF-BC	SF-HQ	SF-HH	d1	SF-OD	SF-BC	SF-HQ	SF-HH
125	3	184	250	210	8	19	184	270	220	8	28	184	270	220	8	28
150		211	285	240	8	23	211	300	250	8	28	211	300	250	8	28
200		266	340	295	12	23	274	360	310	12	28	284	375	320	12	31
250		319	405	355	12	28	330	425	370	12	31	345	450	385	12	34
300	4	370	460	410	12	28	389	485	430	16	31	409	515	450	16	34
350		429	520	470	16	28	448	555	490	16	34	465	580	510	16	37
400		480	580	525	16	31	503	620	550	16	37	535	660	585	16	41
450		548	640	585	20	31	548	670	600	20	37	560	685	610	20	41
500	5	609	715	650	20	34	609	730	660	20	37	615	755	670	20	44
600		720	840	770	20	37	720	845	770	20	41	735	890	795	20	50
700		794	910	840	24	37	820	960	875	24	44	840 ^{a)}	N.A.	N.A.	N.A.	N.A.
800		901	1025	950	24	41	928	1085	990	24	50	960 ^{a)}	N.A.	N.A.	N.A.	N.A.
900		1001	1125	1050	28	41	1028	1158	1090	28	50	1070 ^{a)}	N.A.	N.A.	N.A.	N.A.
Discharge side																
EN1092-2 / ISO7005-2																
		PN16 RF					PN25 RF					PN40 RF				
DND	f	d1	DF-OD	DF-BC	DF-HQ	DF-HH	d1	DF-OD	DF-BC	DF-HQ	DF-HH	d1	DF-OD	DF-BC	DF-HQ	DF-HH
80	3	132	200	160	8	19	132	200	160	8	19	132	200	160	8	19
100		156	220	180	8	19	156	235	190	8	23	156	235	190	8	23
125		184	250	210	8	19	184	270	220	8	28	184	270	220	8	28
150		211	285	240	8	23	211	300	250	8	28	211	300	250	8	28
200		266	340	295	12	23	274	360	310	12	28	284	375	320	12	31
250		319	405	355	12	28	330	425	370	12	31	345	450	385	12	34
300	4	370	460	410	12	28	389	485	430	16	31	409	515	450	16	34
350		429	520	470	16	28	448	555	490	16	34	465	580	510	16	37
400		480	580	525	16	31	503	620	550	16	37	535	660	585	16	41
450		548	640	585	20	31	548	670	600	20	37	560	685	610	20	41
500	5	609	715	650	20	34	609	730	660	20	37	615	755	670	20	44
600		720	840	770	20	37	720	845	770	20	41	735	890	795	20	50
700		794	910	840	24	37	820	960	875	24	44	840 ^{a)}	N.A.	N.A.	N.A.	N.A.
800		901	1025	950	24	41	928	1085	990	24	50	960 ^{a)}	N.A.	N.A.	N.A.	N.A.

a) only EN1092-1

exc_FL_CD_EN10-en_b_M 1

e-XC SERIES

FLANGES DIMENSIONS, TYPE C-D Raised Face - EN1092-1/ISO7005-1



Material: Cast Stainless Steel

Flange drillings and dimension OD according standard.
Flange thickness varies from Standard.
Raised Face execution.

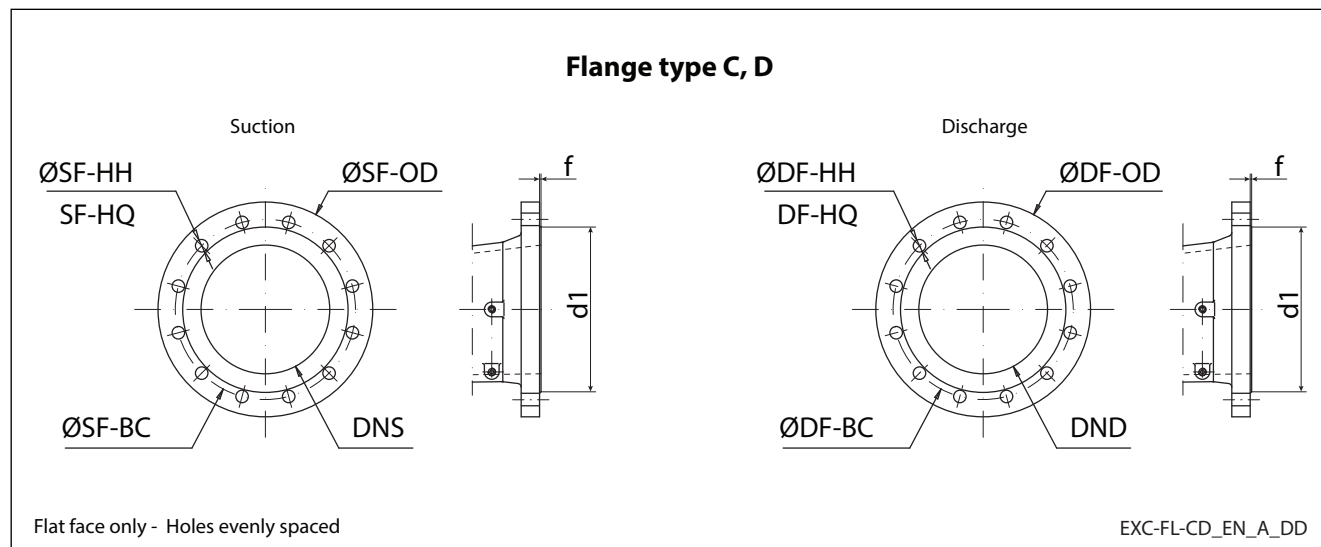
DIMENSIONS (mm)																
Suction side																
EN1092-1 / ISO7005-1																
		PN16 RF					PN25 RF					PN40 RF				
DNS	f	d1	SF-OD	SF-BC	SF-HQ	SF-HH	d1	SF-OD	SF-BC	SF-HQ	SF-HH	d1	SF-OD	SF-BC	SF-HQ	SF-HH
125	3	184	250	210	8	18	184	270	220	8	26	184	270	220	8	26
150		211	285	240	8	22	211	300	250	8	26	211	300	250	8	26
200		266	340	295	12	22	274	360	310	12	26	284	375	320	12	30
250		319	405	355	12	26	330	425	370	12	30	345	450	385	12	33
300	4	370	460	410	12	26	389	485	430	16	30	409	515	450	16	33
350		429	520	470	16	26	448	555	490	16	33	465	580	510	16	36
400		480	580	525	16	30	503	620	550	16	36	535	660	585	16	39
450		548	640	585	20	30	548	670	600	20	36	560	685	610	20	39
500	5	609	715	650	20	33	609	730	660	20	36	615	755	670	20	42
600		720	840	770	20	36	720	845	770	20	39	735	890	795	20	48
700		794	910	840	24	36	820	960	875	24	42	840 ^{a)}	N.A.	N.A.	N.A.	N.A.
800		901	1025	950	24	39	928	1085	990	24	48	960 ^{a)}	N.A.	N.A.	N.A.	N.A.
900		1001	1125	1050	28	39	1028	1158	1090	28	48	1070 ^{a)}	N.A.	N.A.	N.A.	N.A.
Discharge side																
EN1092-1 / ISO7005-1																
		PN16 RF					PN25 RF					PN40 RF				
DND	f	d1	DF-OD	DF-BC	DF-HQ	DF-HH	d1	DF-OD	DF-BC	DF-HQ	DF-HH	d1	DF-OD	DF-BC	DF-HQ	DF-HH
80	3	132	200	160	8	18	132	200	160	8	18	132	200	160	8	18
100		156	220	180	8	18	156	235	190	8	22	156	235	190	8	22
125		184	250	210	8	18	184	270	220	8	26	184	270	220	8	26
150		211	285	240	8	22	211	300	250	8	26	211	300	250	8	26
200	4	266	340	295	12	22	274	360	310	12	26	284	375	320	12	30
250		319	405	355	12	26	330	425	370	12	30	345	450	385	12	33
300		370	460	410	12	26	389	485	430	16	30	409	515	450	16	33
350		429	520	470	16	26	448	555	490	16	33	465	580	510	16	36
400	5	480	580	525	16	30	503	620	550	16	36	535	660	585	16	39
450		548	640	585	20	30	548	670	600	20	36	560	685	610	20	39
500		609	715	650	20	33	609	730	660	20	36	615	755	670	20	42
600		720	840	770	20	36	720	845	770	20	39	735	890	795	20	48
700	5	794	910	840	24	36	820	960	875	24	42	840 ^{a)}	N.A.	N.A.	N.A.	N.A.
800		901	1025	950	24	39	928	1085	990	24	48	960 ^{a)}	N.A.	N.A.	N.A.	N.A.

a) only EN1092-1

eXC_FL_CD_EN10-en_b_14.2

e-XC SERIES

FLANGES DIMENSIONS, TYPE C-D Raised Face - ASME/AWWA



Material: Cast Iron / Ductile Iron / Cast Stainless Steel

Flange drillings and dimension OD according standard.

Flange thickness varies from Standard.

Raised Face execution.

DIMENSIONS (mm)											
Suction side											
ASME B16.5 / ASME B16.1 / AWWA											
		CL. 150 RF / CL. 125 RF / CL D					CL. 300 RF / CL. 250 RF / CL F				
DNS	f	d1	SF-OD	SF-BC	SF-HQ	SF-HH	d1	SF-OD	SF-BC	SF-HQ	SF-HH
5"	2	185,7	254	216	8	22	185,7	279	235	8	22
6"		215,9	279	241	8	22	215,9	318	270	12	22
8"		269,9	343	298	8	22	269,9	381	330	12	25
10"		323,8	406	362	12	25	323,8	445	387	16	29
12"		381	483	432	12	25	381	521	451	16	32
14"		412,8	533	476	12	29	412,8	584	514	20	32
16"		469,9	597	540	16	29	469,9	648	572	20	35
18"		533,4	635	578	16	32	533,4	711	629	24	35
20"		584,2	699	635	20	32	584,2	775	686	24	35
24"		692,2	813	749	20	35	692,2	914	813	24	41
28"		b)	927	864	28	35	b)	1035	940	28	48
32"		b)	1060	978	28	41	b)	1149	1054	28	48
36"	b)	1168	1085	32	41	b)	1270	1168	32	51	
Discharge side											
ASME B16.5 / ASME B16.1 / AWWA											
		CL. 150 RF / CL. 125 RF / CL D					CL. 300 RF / CL. 250 RF / CL F				
DND	f	d1	DF-OD	DF-BC	DF-HQ	DF-HH	d1	DF-OD	DF-BC	DF-HQ	DF-HH
3"	2	127	191	152	4	19	127	210	168	8	22
4"		157,2	229	191	8	19	157,2	254	200	8	22
5"		185,7	254	216	8	22	185,7	279	235	8	22
6"		215,9	279	241	8	22	215,9	318	270	12	22
8"		269,9	343	298	8	22	269,9	381	330	12	25
10"		323,8	406	362	12	25	323,8	445	387	16	29
12"		381	483	432	12	25	381	521	451	16	32
14"		412,8	533	476	12	29	412,8	584	514	20	32
16"		469,9	597	540	16	29	469,9	648	572	20	35
18"		533,4	635	578	16	32	533,4	711	629	24	35
20"		584,2	699	635	20	32	584,2	775	686	24	35
24"		692,2	813	749	20	35	692,2	914	813	24	41
28"		b)	927	864	28	35	b)	1035	940	28	48
32"		b)	1060	978	28	41	b)	1149	1054	28	48

b) only Flat Face (ASME B16.1)

eXC_FL_CD_ASME-en_b_td

e-XC SERIES

FLANGES THICKNESS

e-XC Model	Flange Type A, B, C		Flange Type D	
	Suction (mm)	Discharge (mm)	Suction (mm)	Discharge (mm)
80-215	34,9	28,6	31,9	25,6
80-205	34,9	28,6	31,9	25,6
80-285	34,9	28,6	31,9	25,6
80-270	34,9	28,6	31,9	25,6
80-315	31,8	28,6	28,8	25,6
80-300		28,6	28,8	25,6
80-345	34,9	28,6	31,9	25,6
80-330	34,9	28,6	31,9	25,6
100-165	34,9	28,6	31,9	25,6
100-155	34,9	28,6	31,9	25,6
100-260	36,5	31,8	33,5	28,8
100-250	36,5	31,8	33,5	28,8
100-325	36,5	31,8	33,5	28,8
100-310	36,5	31,8	33,5	28,8
100-365	36,5	31,8	33,5	28,8
100-350	36,5	31,8	33,5	28,8
100-410	36,5	31,8	33,5	28,8
100-390	36,5	31,8	33,5	28,8
125-195	36,5	31,8	33,5	28,8
125-185	36,5	31,8	33,5	28,8
125-225	36,5	34,9	33,5	31,9
125-215	36,5	34,9	33,5	31,9
125-245	41,0	34,9	38,0	31,9
125-235	41,0	34,9	38,0	31,9
125-300	41,3	34,9	38,3	31,9
125-285	41,3	34,9	38,3	31,9
125-355	41,3	34,9	38,3	31,9
125-335	41,3	34,9	38,3	31,9
125-390	41,3	34,9	38,3	31,9
125-370	41,3	34,9	38,3	31,9
125-475	41,0	34,9	38,0	31,9
125-450	41,0	34,9	38,0	31,9
150-170	41,3	36,5	38,3	33,5
150-160	41,3	36,5	38,3	33,5
150-280	48,0	37,0	45,0	34,0
150-265	48,0	37,0	45,0	34,0

e-XC Model	Flange Type A, B, C		Flange Type D	
	Suction (mm)	Discharge (mm)	Suction (mm)	Discharge (mm)
150-300	41,3	36,5	38,3	33,5
150-285	41,3	36,5	38,3	33,5
150-355	41,3	36,5	38,3	33,5
150-340	41,3	36,5	38,3	33,5
150-455	41,3	36,5	38,3	33,5
150-435	41,3	36,5	38,3	33,5
150-560	41,0	36,5	38,0	33,5
150-535	41,0	36,5	38,0	33,5
200-200	41,3	41,3	38,3	38,3
200-190	41,3	41,3	38,3	38,3
200-250	47,6	41,3	44,6	38,3
200-235	47,6	41,3	44,6	38,3
200-345	48,0	41,0	45,0	38,0
200-330	48,0	41,0	45,0	38,0
200-425	48,0	41,0	45,0	38,0
200-405	48,0	41,0	45,0	38,0
200-530	47,6	41,3	44,6	38,8
200-505	47,6	41,3	44,6	38,8
200-655	48,0	41,0	45,0	38,0
200-625	48,0	41,0	45,0	38,0
250-200	48,0	48,0	45,0	45,0
250-190	48,0	48,0	45,0	45,0
250-390	51,0	48,0	47,0	45,0
250-370	51,0	48,0	47,0	45,0
250-480	51,0	48,0	47,0	45,0
250-455	51,0	48,0	47,0	45,0
250-610	50,8	47,6	46,8	44,6
250-580	50,8	47,6	46,8	44,6
250-770	50,8	47,6	46,8	44,6
250-730	50,8	47,6	46,8	44,6
300-225	50,8	50,8	46,8	46,8
300-215	50,8	50,8	46,8	46,8
300-255	50,8	50,8	46,8	46,8
300-245	50,8	50,8	46,8	46,8
300-330	54,0	51,0	50,0	47,0
300-315	54,0	51,0	50,0	47,0

eXC_FL_thick-en_b_td 1

e-XC SERIES FLANGES THICKNESS

e-XC Model	Flange Type A, B, C		Flange Type D	
	Suction (mm)	Discharge (mm)	Suction (mm)	Discharge (mm)
300-450	57,2	50,8	53,2	46,8
300-430	57,2	50,8	53,2	46,8
300-550	57,0	51,0	53,0	47,0
300-525	57,0	51,0	53,0	47,0
300-705	57,2	50,8	53,2	46,8
300-680	57,2	50,8	53,2	46,8
350-300	54,0	54,0	50,0	50,0
350-285	54,0	54,0	50,0	50,0
350-385	57,0	54,0	53,0	50,0
350-365	57,0	54,0	53,0	50,0
350-450	60,0	54,0	56,0	50,0
350-430	60,0	54,0	56,0	50,0
350-530	60,0	54,0	56,0	50,0
350-505	60,0	54,0	56,0	50,0
350-685	42,9	36,0	38,9	32,0
350-650	42,9	36,0	38,9	32,0
350-690	57,2	54,0	53,2	50,0
350-655	57,2	54,0	53,2	50,0
350-780	57,2	54,0	53,2	50,0
350-745	57,2	54,0	53,2	50,0
350-845	63,5	54,0	59,5	50,0
350-805	63,5	54,0	59,5	50,0
400-340	57,2	57,2	53,2	53,2
400-325	57,2	57,2	53,2	53,2
400-525	63,6	57,2	59,6	53,2
400-500	63,6	57,2	59,6	53,2
400-535	42,9	38,0	38,9	34,0
400-510	42,9	38,0	38,9	34,0
400-580	63,5	57,2	59,5	53,2
400-550	63,5	57,2	59,5	53,2
400-800	69,9	57,2	64,9	53,2
400-760	69,9	57,2	64,9	53,2
400-970	69,9	57,2	64,9	53,2
400-925	69,9	57,2	64,9	53,2
450-390	64,0	60,0	60,0	56,0
450-370	64,0	60,0	60,0	56,0

e-XC Model	Flange Type A, B, C		Flange Type D	
	Suction (mm)	Discharge (mm)	Suction (mm)	Discharge (mm)
500-450	69,9	63,5	64,9	59,5
500-430	69,9	63,5	64,9	59,5
500-525	48,0	42,9	43,0	38,9
500-500	48,0	42,9	43,0	38,9
500-625	48,0	42,9	43,0	38,9
500-605	48,0	42,9	43,0	38,9
500-715	79,5	63,5	74,5	59,5
500-690	79,5	63,5	74,5	59,5
500-920	79,5	63,5	74,5	59,5
500-875	79,5	63,5	74,5	59,5
600-575	54,0	48,0	49,0	43,0
600-540	54,0	48,0	49,0	43,0
600-610	54,0	48,0	49,0	43,0
600-580	54,0	48,0	49,0	43,0
600-810	82,6	69,9	77,6	64,9
600-770	82,6	69,9	77,6	64,9
600-1000	82,6	69,9	77,6	64,9
600-950	82,6	69,9	77,6	64,9
600-1115	82,6	69,9	77,6	64,9
600-1060	82,6	69,9	77,6	64,9
700-535	54,0	54,0	49,0	49,0
700-505	54,0	54,0	49,0	49,0
700-615	58,0	54,0	53,0	49,0
700-585	58,0	54,0	53,0	49,0
700-670	58,0	54,0	53,0	49,0
700-635	58,0	54,0	53,0	49,0
700-775	58,0	54,0	53,0	49,0
700-735	58,0	54,0	53,0	49,0
700-870	58,0	54,0	53,0	49,0
700-830	58,0	54,0	53,0	49,0
700-995	79,4	69,9	74,4	64,9
700-945	79,4	69,9	74,4	64,9
800-590	58,0	58,0	53,0	53,0
800-560	58,0	58,0	53,0	53,0

eXC_FL_thick-en_b_td 2

e-XC SERIES
FLANGES PRESSURE - Cast Iron / Ductile Iron

e-XC Industrial Pump SIZE		FLANGE SIZE		MAX WORK. PRESSURE [Mpa]	CAST IRON / DUCTILE IRON Flange Rating											
					CI					DI						
		50 Hz			Suc	Disc	50Hz	PN10	PN16	PN25	CI 150	CI 300	PN10	PN16	PN25	PN40
80-215	80-205	125	80	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
80-285	80-270	125	80	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
80-315	80-300	125	80	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
80-345	80-330	125	80	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
100-165	100-155	125	100	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	C	✓	n/a	C	✓
100-260	100-250	150	100	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
100-325	100-310	150	100	3,1	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	n/a	✓	n/a	✓
100-365	100-350	150	100	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	C	✓	n/a	C	✓
100-410	100-390	150	100	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
125-195	125-185	150	125	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓	✓
125-225	125-215	150	125	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
125-245	125-235	200	125	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
125-300	125-285	200	125	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
125-355	125-335	200	125	3,1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	✓
125-390	125-370	200	125	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
125-475	125-450	200	125	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
150-170	150-160	200	150	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
150-300	150-285	200	150	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
150-355	150-340	200	150	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
150-455	150-435	200	150	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
150-560	150-535	200	150	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
150-280	150-265	250	150	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
200-200	200-190	200	200	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
200-250	200-235	250	200	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
200-345	200-330	250	200	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
200-425	200-405	250	200	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
200-530	200-505	250	200	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
200-655	200-625	250	200	3,1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	✓
250-200	250-190	250	250	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
250-390	250-370	300	250	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
250-480	250-455	300	250	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
250-610	250-580	300	250	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
250-770	250-730	300	250	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓

✓ = standard, C = customized, n/a = not applicable

eXC_FL_pres_CI-en_b_id 1

e-XC SERIES

FLANGES PRESSURE - Cast Iron / Ductile Iron

e-XC Industrial Pump SIZE		FLANGE SIZE		MAX WORK. PRESSURE [Mpa]	CAST IRON / DUCTILE IRON Flange Rating										
					CI					DI					
		Suc	Disc		50Hz	PN10	PN16	PN25	CI 150	CI 300	PN10	PN16	PN25	PN40	CI 150
50 Hz															
300-225	300-215	300	300	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
300-255	300-245	300	300	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
300-330	300-315	350	300	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
300-450	300-430	400	300	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
300-550	300-525	400	300	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
300-705	300-680	400	300	3,1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	✓
350-300	350-285	350	350	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
350-385	350-365	400	350	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
350-690	350-655	400	350	3,1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	✓
350-780	350-745	400	350	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	C	n/a	✓
350-450	350-430	450	350	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
350-530	350-505	450	350	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
350-685	350-650	500	350	1	n/a	✓	n/a	C	n/a	n/a	C	n/a	n/a	✓	n/a
350-845	350-805	500	350	1,6	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓	n/a
400-340	400-325	400	400	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
400-525	400-500	500	400	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
400-535	400-510	500	400	1	n/a	✓	n/a	C	n/a	n/a	n/a	n/a	n/a	✓	n/a
400-580	400-550	500	400	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
400-800	400-760	600	400	1,6	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	n/a	✓
400-970	400-925	600	400	2,5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
450-390	450-370	500	450	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
500-450	500-430	600	500	2,8	n/a	✓	n/a	✓	n/a	n/a	n/a	✓	n/a	n/a	✓
500-525	500-500	600	500	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a
500-625	500-605	600	500	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a
500-715	500-690	700	500	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓
500-920	500-875	700	500	1,6	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	n/a	✓
600-575	600-540	700	600	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a
600-610	600-580	700	600	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a
600-810	600-770	800	600	1,6	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	n/a	✓
700-870	700-830	800	700	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a
600-1000	600-950	800	600	2,5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
600-1115	600-1060	800	600	1,6	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	n/a	✓
700-535	700-505	700	700	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a
700-615	700-585	800	700	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a
700-670	700-635	800	700	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a
700-775	700-735	800	700	1,6	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a
700-995	700-945	900	700	1,6	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓	n/a
800-590	800-560	800	800	1	n/a	✓	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a

✓ = standard, C = customized, n/a = not applicable

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e-XC SERIES

FLANGES PRESSURE - Cast Stainless Steel

SIZE		FLANGE SIZE		MAX WORK. PRESSURE [Mpa]	CAST STAINLESS STEEL Flange Rating										
					316SS					Duplex/Super Duplex					
					PN10	PN16	PN25	CI 150	CI 300	PN10	PN16	PN25	PN40	CI 150	CI 300
50 Hz		Suc	Disc	50Hz											
80-215	80-205	125	80	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
80-285	80-270	125	80	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
80-315	80-300	125	80	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	C	✓
80-345	80-330	125	80	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
100-165	100-155	125	100	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
100-260	100-250	150	100	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
100-325	100-310	150	100	3,1	n/a	✓	n/a	✓	n/a	n/a	C	n/a	✓	C	✓
100-365	100-350	150	100	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
100-410	100-390	150	100	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
125-195	125-185	150	125	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
125-225	125-215	150	125	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
125-245	125-235	200	125	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
125-300	125-285	200	125	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
125-355	125-335	200	125	3,1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	✓
125-390	125-370	200	125	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
125-475	125-450	200	125	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
150-170	150-160	200	150	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
150-300	150-285	200	150	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
150-355	150-340	200	150	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
150-455	150-435	200	150	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
150-560	150-535	200	150	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
150-280	150-265	250	150	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
200-200	200-190	200	200	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
200-250	200-235	250	200	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
200-345	200-330	250	200	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
200-425	200-405	250	200	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
200-530	200-505	250	200	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	✓
200-655	200-625	250	200	3,1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	✓
250-200	250-190	250	250	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
250-390	250-370	300	250	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
250-480	250-455	300	250	2,8	n/a	✓	n/a	✓	n/a	n/a	C	✓	n/a	C	✓
250-610	250-580	300	250	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	C	✓
250-770	250-730	300	250	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	n/a	C	✓

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✓ = standard, C = customized, n/a = not applicable

e-XC SERIES

FLANGES PRESSURE - Cast Stainless Steel

SIZE		FLANGE SIZE		MAX WORK. PRESSURE [Mpa]	CAST STAINLESS STEEL Flange Rating										
					316SS					Duplex/Super Duplex					
		Suc	Disc		50Hz	PN10	PN16	PN25	CI 150	CI 300	PN10	PN16	PN25	PN40	CI 150
300-225	300-215	300	300	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
300-255	300-245	300	300	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
300-330	300-315	350	300	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
300-450	300-430	400	300	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
300-550	300-525	400	300	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	√	n/a	C	√
300-705	300-680	400	300	3,1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	√	C	√
350-300	350-285	350	350	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
350-385	350-365	400	350	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
350-690	350-655	400	350	3,1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	√	C	√
350-780	350-745	400	350	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	√	C	C	√
350-450	350-430	450	350	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
350-530	350-505	450	350	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
350-685	350-650	500	350	1	n/a	√	n/a	C	n/a	n/a	C	n/a	n/a	√	n/a
350-845	350-805	500	350	1,6	n/a	n/a	n/a	n/a	n/a	n/a	√	n/a	n/a	√	n/a
400-340	400-325	400	400	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
400-525	400-500	500	400	2,8	n/a	n/a	n/a	n/a	n/a	n/a	C	√	n/a	C	√
400-535	400-510	500	400	1	n/a	√	n/a	C	n/a	n/a	C	n/a	n/a	√	n/a
400-580	400-550	500	400	2,8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	√	n/a	C	√
400-800	400-760	600	400	1,6	n/a	n/a	n/a	n/a	n/a	n/a	√	n/a	n/a	n/a	√
400-970	400-925	600	400	2,5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	√	n/a	C	√
450-390	450-370	500	450	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
500-450	500-430	600	500	2,8	n/a	√	n/a	√	n/a	n/a	C	√	n/a	C	√
500-525	500-500	600	500	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a
500-625	500-605	600	500	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a
500-715	500-690	700	500	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	n/a	√
500-920	500-875	700	500	1,6	n/a	n/a	n/a	n/a	n/a	n/a	√	n/a	n/a	n/a	√
600-575	600-540	700	600	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a
600-610	600-580	700	600	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a
600-810	600-770	800	600	1,6	n/a	n/a	n/a	n/a	n/a	n/a	√	n/a	n/a	n/a	√
700-870	700-830	800	700	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a
600-1000	600-950	800	600	2,5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	√	n/a	C	√
600-1115	600-1060	800	600	1,6	n/a	n/a	n/a	n/a	n/a	n/a	C	n/a	n/a	n/a	√
700-535	700-505	700	700	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a
700-615	700-585	800	700	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a
700-670	700-635	800	700	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a
700-775	700-735	800	700	1,6	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a
700-995	700-945	900	700	1,6	n/a	n/a	n/a	n/a	n/a	n/a	√	n/a	n/a	√	n/a
800-590	800-560	800	800	1	n/a	√	n/a	n/a	n/a	n/a	C	n/a	n/a	√	n/a

√ = standard, C = customized, n/a = not applicable

eXC_FL_pres_CS-en_b_tld 2

e-XC SERIES PUMP BASE FRAME

STANDARD DESIGN

FRAME: CARBON STEEL (PAINTED)

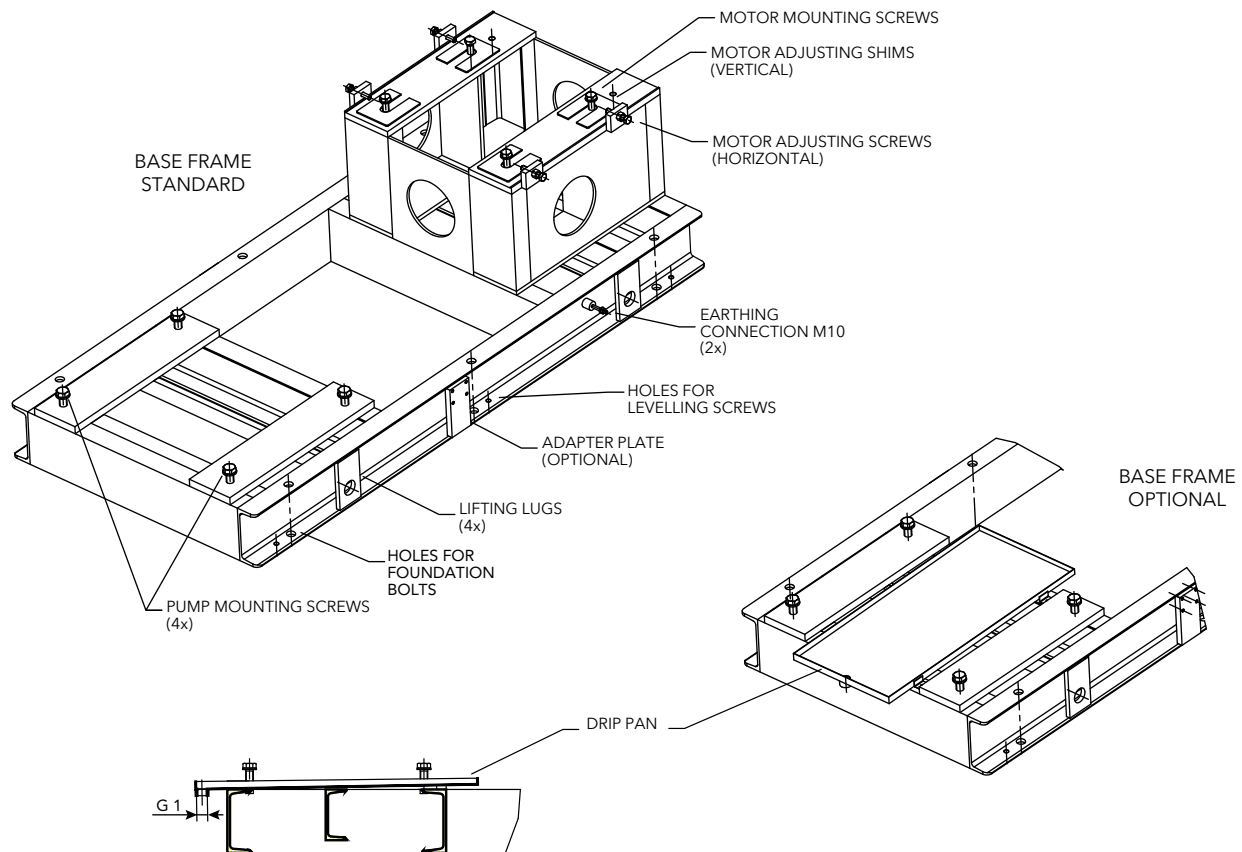
SCREWS: CARBON STEEL GALVANIZED

ANCHOR BOLTS DIN 529: CARBON STEEL

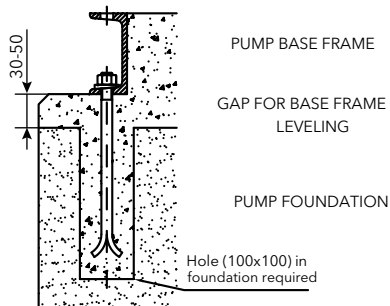
CHEMICAL ANCHOR BOLTS: CARBON STEEL

OPTIONAL DESIGN

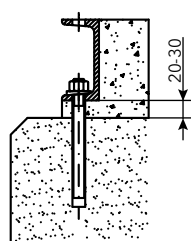
WITH DRIP PAN: 316SS



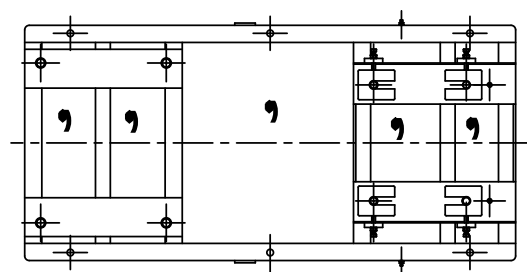
STANDARD ANCHOR BOLT (DIN 529)



CHEMICAL ANCHOR BOLT



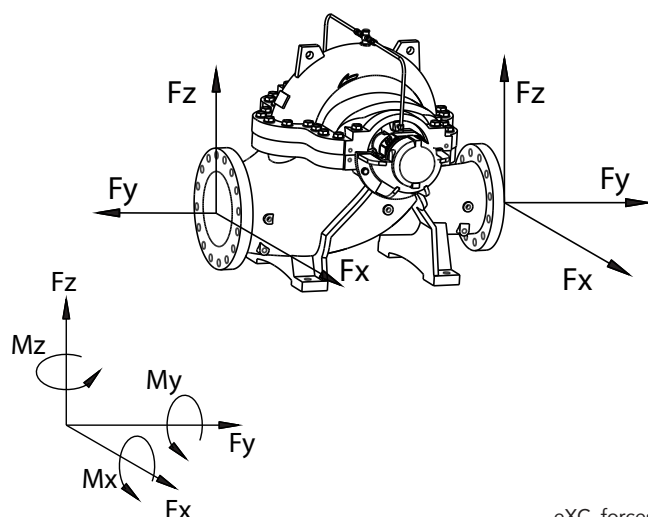
*) ... MUST BE
FILLED WITH CONCRETE



eXC_BASE-en_A_DD

e-XC SERIES

PERMISSIBLE FORCES AND MOMENTS AT PUMP NOZZLES



eXC_forces_a

Forces at the pump flanges calculated according to EN ISO 5199:2002.

When the applied loads do not all attain the maximum values allowed, one of these loads may exceed the normal limit, provided that the following supplementary conditions are satisfied:

- any component of a force or of a moment shall be limited to 1,4 times the maximum allowable value;
- the actual forces and moments acting on each flange are governed by the following formula:

$$\left(\frac{\sum |F_{x,y,z}|}{\sum |F_{max}|}\right)^2 + \left(\frac{\sum |M_{x,y,z}|}{\sum |M_{max}|}\right)^2 \leq 2$$

Casing material: Cast Iron, Ductile Iron, 316SS

Flange Loading Ratings								
Diamet. Mm	Force [N]				Moment [Nm]			
	Fy	Fz	Fx	ΣF	My	Mz	Mx	ΣM
65	840	680	740	1320	330	360	450	660
80	1000	820	900	1580	345	390	480	705
100	1340	1080	1200	2100	375	435	525	780
125	1580	1280	1420	2480	450	570	630	915
150	2000	1620	1800	3140	525	615	750	1095
200	2680	2160	2400	4180	690	795	975	1440
250	3340	2700	2980	5220	945	1095	1335	1965
300	4000	3220	3580	6260	1290	1485	1815	2670
350	4660	3760	4180	7300	1650	1905	2325	3420
400	5320	4300	4780	8340	2070	2385	2910	4290
450	5980	4840	5380	9380	2550	2940	3585	5280
500	6640	5380	5980	10420	3075	3540	4335	6390
550	7300	5920	6580	11460	3660	4215	5130	7590
600	7960	6460	7180	12500	4320	4980	6060	8970
700	9320	7520	8360	14600	5300	5980	7280	10800
800	10640	8600	9560	16680	6170	6970	8380	12500
900	11960	9680	10760	18760	7100	8000	9500	14300

eXC_forces_CI_DI_b_td

Casing material: Duplex, Superduplex

Flange Loading Ratings								
Diamet. Mm	Force [N]				Moment [Nm]			
	Fy	Fz	Fx	ΣF	My	Mz	Mx	ΣM
65	2100	1700	1850	3300	1100	1200	1500	2200
80	2500	2050	2250	3950	1150	1300	1600	2350
100	3350	2700	3000	5250	1250	1450	1750	2600
125	3950	3200	3550	6200	1500	1900	2100	3050
150	5000	4050	4500	7850	1750	2050	2500	3650
200	6700	5400	6000	10450	2300	2650	3250	4800
250	8350	6750	7450	13050	3150	3650	4450	6550
300	10000	8050	8950	15650	4300	4950	6050	8900
350	11650	9400	10450	18250	5500	6350	7750	11400
400	13300	10750	11950	20850	6900	7950	9700	14300
450	14950	12100	13450	23450	8500	9800	11950	17600
500	16600	13450	14950	26050	9500	10950	13500	19950
550	18250	14800	16450	28650	10500	12050	15000	22150
600	19900	16150	17950	31250	11500	13150	16150	24350
700	23300	18800	20900	36500	13000	15000	18500	28000
800	26600	21500	23900	41700	14500	16500	20500	31500
900	29900	24200	26900	46900	16000	18000	22500	35500

eXC_forces_DUP_b_td

ACCESSORIES

e-XC SERIES ACCESSORIES

Item	Description	Attributes	Standard	Optional
Coupling guard*	Safety enclosure for protection against rotating components	European Standards compliant	•	-
External Flushing	PI 11 external flushing of seals	Stainless steel flush lines	•	-
Baseplate	Grouted baseplate	Rolled steel	•	-
Vibration Connections	6pc port connection M10x1, 3pc per bearing unit	15mm thread depth, 19mm drilling hole depth	•	-
Temperature Connections	4pc port connection M10x1, 2 pc per bearing unit	15mm thread depth, bottom hole through	•	-
Pressure Connections	4 pc port connection Rp1/2, 2 pc on suction side, 2pc on discharge side	bottom hole through	•	-
Drip Pan	Rectangular inboard to outboard drip pan, connection G1	Stainless steel	-	•
Oil Lubrication Kit	Oil lubrication kit for Bearing	120mL oiler assembly, breather vent, sight glass included	-	•
VFD	Lowara Aquavar® IPC (only up to 90 kW)	-	-	•
Condition monitoring solution**	Optimize™	-	-	•

*Standard guard cannot be considered non-sparking

XC_acc-en_b_ot

** Some pump sizes might be not compatible with Optimize. To be checked with Customer Service.

Optimize

Optimize is a modular condition monitoring solution that provides health guidance and predictive maintenance advice for rotating and fixed assets such as pumps, motors, heat exchanges and steam traps.

By periodically monitoring vibration, temperature and magnetic flux, optimize is able to identify potential problems with your equipment before they occur. Health information is collected, stored and analyzed in the optimize sensor before being wirelessly transmitted to your iOS or Android smart device via Bluetooth wireless technology. The optimize mobile application provides an easy interface to understand the health of your assets, create maintenance reminders and generate detailed reports.



The optimize sensor is powered by a replaceable 3.6V Lithium Thionyl Chloride battery pack that will enable the sensor to operate for 3 to 5 years. The sensor is designed for indoor or outdoor mounting using the supplied magnetic feet or the optional fixed bracket.

REPORTS AND DECLARATIONS

REPORTS AND DECLARATIONS

i) Test reports (*)

a) Factory Test Report

- Test report compiled at the end of the assembly line, including flow-head performance test (ISO 9906:2012 – Grade 2B) and hydrostatic pressure test.

b) Audit Test Report

- Test report for electric pumps compiled in the test room, including flow-head-pump input-pump efficiency performance test (according to ISO 9906:2012)

c) NPSH Test Report

- Test report for electric pumps compiled in the test room, including flow-NPSH performance test (according to ISO 9906:2012)

d) Vibration Test Report

- Report indicating vibration measurements (EN ISO 10816-7)

ii) Declaration of product conformity with the technical requirements indicated in the order

a) EN 10204:2004 - type 2.1

- does not include test results on supplied or similar products.

b) EN 10204:2004 - type 2.2

- includes test results (materials certificates) on similar products.

iii) Issue of a further EC Declaration of Conformity,

- in addition to the one accompanying the product, it comprises references to European law and the main technical standards (e.g.: MD 2006/42/EC, EMCD 2014/30/EU, ErP 2009/125/EC).

N.B.: if the request is made after receipt of the product, communicate the code (name) and serial number (date + progressive number).

iv) Manufacturer's declaration of conformity

- relative to one of more types of products without indicating specific codes and serial numbers.

v) Other certificates and/or documentation on request

- subject to availability or feasibility.

vi) Duplication of certificates and/or documentation on request

- subject to availability or feasibility.

(*) according to size and motor power, some pumps shall be tested by external Lab.

TECHNICAL APPENDIX

NPSH

The minimum operating values that can be reached at the pump suction end are limited by the onset of cavitation.

Cavitation is the formation of vapour-filled cavities within liquids where the pressure is locally reduced to a critical value, or where the local pressure is equal to, or just below the vapour pressure of the liquid.

The vapour-filled cavities flow with the current and when they reach a higher pressure area the vapour contained in the cavities condenses. The cavities collide, generating pressure waves that are transmitted to the walls. These, being subjected to stress cycles, gradually become deformed and yield due to fatigue. This phenomenon, characterized by a metallic noise produced by the hammering on the pipe walls, is called incipient cavitation.

The damage caused by cavitation may be magnified by electrochemical corrosion and a local rise in temperature due to the plastic deformation of the walls. The materials that offer the highest resistance to heat and corrosion are alloy steels, especially austenitic steel. The conditions that trigger cavitation may be assessed by calculating the total net suction head, referred to in technical literature with the acronym NPSH (Net Positive Suction Head).

The NPSH represents the total energy (expressed in m.) of the liquid measured at suction under conditions of incipient cavitation, excluding the vapour pressure (expressed in m.) that the liquid has at the pump inlet.

To find the static height h_z at which to install the machine under safe conditions, the following formula must be verified:

$$h_p + h_z \geq (NPSH_r + 0.5) + h_f + h_{pv} \quad \textcircled{1}$$

where:

h_p is the absolute pressure applied to the free liquid surface in the suction tank, expressed in m. of liquid; h_p is the quotient between the barometric pressure and the specific weight of the liquid.

h_z is the suction lift between the pump axis and the free liquid surface in the suction tank, expressed in m.; h_z is negative when the liquid level is lower than the pump axis.

h_f is the flow resistance in the suction line and its accessories, such as: fittings, foot valve, gate valve, elbows, etc.

h_{pv} is the vapour pressure of the liquid at the operating temperature, expressed in m. of liquid. h_{pv} is the quotient between the P_v vapour pressure and the liquid's specific weight.

0,5 is the safety factor.

The maximum possible suction head for installation depends on the value of the atmospheric pressure (i.e. the elevation above sea level at which the pump is installed) and the temperature of the liquid.

To help the user, with reference to water temperature (4° C) and to the elevation above sea level, the following tables show the drop in hydraulic pressure head in relation to the elevation above sea level, and the suction loss in relation to temperature.

Water temperature (°C)	20	40	60	80	90	110	120
Suction loss (m)	0,2	0,7	2,0	5,0	7,4	15,4	21,5

Elevation above sea level (m)	500	1000	1500	2000	2500	3000
Suction loss (m)	0,55	1,1	1,65	2,2	2,75	3,3

Friction loss is shown in the tables Flow Resistance of this catalogue. To reduce it to a minimum, especially in cases of high suction head (over 4-5 m.) or within the operating limits with high flow rates, we recommend using a suction line having a larger diameter than that of the pump's suction port. It is always a good idea to position the pump as close as possible to the liquid to be pumped.

Make the following calculation:

Liquid: water at ~15°C $\gamma = 1 \text{ kg/dm}^3$

Flow rate required: 25 m³/h

Head for required delivery: 70 m.

Suction lift: 3,5 m.

The selection is an 33SV3G075T pump whose NPSH required value is, at 25 m³/h, of 2 m.

For water at 15 °C

$$h_p = P_a / \gamma = 10,33\text{m}, h_{pv} = P_v / \gamma = 0,174\text{m} (0,01701 \text{ bar})$$

The H_f flow resistance in the suction line with foot valves is ~ 1,2 m.

By substituting the parameters in formula $\textcircled{1}$ with the numeric values above, we have:

$$10,33 + (-3,5) \geq (2 + 0,5) + 1,2 + 0,17$$

from which we have: 6,8 > 3,9

The relation is therefore verified.

VAPOUR PRESSURE

VAPOUR PRESSURE p_s AND ρ DENSITY OF WATER TABLE

t °C	T K	p_s bar	ρ kg/dm ³	t °C	T K	p_s bar	ρ kg/dm ³	t °C	T K	p_s bar	ρ kg/dm ³
0	273,15	0,00611	0,9998	55	328,15	0,15741	0,9857	120	393,15	1,9854	0,9429
1	274,15	0,00657	0,9999	56	329,15	0,16511	0,9852	122	395,15	2,1145	0,9412
2	275,15	0,00706	0,9999	57	330,15	0,17313	0,9846	124	397,15	2,2504	0,9396
3	276,15	0,00758	0,9999	58	331,15	0,18147	0,9842	126	399,15	2,3933	0,9379
4	277,15	0,00813	1,0000	59	332,15	0,19016	0,9837	128	401,15	2,5435	0,9362
5	278,15	0,00872	1,0000	60	333,15	0,1992	0,9832	130	403,15	2,7013	0,9346
6	279,15	0,00935	1,0000	61	334,15	0,2086	0,9826	132	405,15	2,867	0,9328
7	280,15	0,01001	0,9999	62	335,15	0,2184	0,9821	134	407,15	3,041	0,9311
8	281,15	0,01072	0,9999	63	336,15	0,2286	0,9816	136	409,15	3,223	0,9294
9	282,15	0,01147	0,9998	64	337,15	0,2391	0,9811	138	411,15	3,414	0,9276
10	283,15	0,01227	0,9997	65	338,15	0,2501	0,9805	140	413,15	3,614	0,9258
11	284,15	0,01312	0,9997	66	339,15	0,2615	0,9799	145	418,15	4,155	0,9214
12	285,15	0,01401	0,9996	67	340,15	0,2733	0,9793	155	428,15	5,433	0,9121
13	286,15	0,01497	0,9994	68	341,15	0,2856	0,9788	160	433,15	6,181	0,9073
14	287,15	0,01597	0,9993	69	342,15	0,2984	0,9782	165	438,15	7,008	0,9024
15	288,15	0,01704	0,9992	70	343,15	0,3116	0,9777	170	443,15	7,920	0,8973
16	289,15	0,01817	0,9990	71	344,15	0,3253	0,9770	175	448,15	8,924	0,8921
17	290,15	0,01936	0,9988	72	345,15	0,3396	0,9765	180	453,15	10,027	0,8869
18	291,15	0,02062	0,9987	73	346,15	0,3543	0,9760	185	458,15	11,233	0,8815
19	292,15	0,02196	0,9985	74	347,15	0,3696	0,9753	190	463,15	12,551	0,8760
20	293,15	0,02337	0,9983	75	348,15	0,3855	0,9748	195	468,15	13,987	0,8704
21	294,15	0,24850	0,9981	76	349,15	0,4019	0,9741	200	473,15	15,550	0,8647
22	295,15	0,02642	0,9978	77	350,15	0,4189	0,9735	205	478,15	17,243	0,8588
23	296,15	0,02808	0,9976	78	351,15	0,4365	0,9729	210	483,15	19,077	0,8528
24	297,15	0,02982	0,9974	79	352,15	0,4547	0,9723	215	488,15	21,060	0,8467
25	298,15	0,03166	0,9971	80	353,15	0,4736	0,9716	220	493,15	23,198	0,8403
26	299,15	0,03360	0,9968	81	354,15	0,4931	0,9710	225	498,15	25,501	0,8339
27	300,15	0,03564	0,9966	82	355,15	0,5133	0,9704	230	503,15	27,976	0,8273
28	301,15	0,03778	0,9963	83	356,15	0,5342	0,9697	235	508,15	30,632	0,8205
29	302,15	0,04004	0,9960	84	357,15	0,5557	0,9691	240	513,15	33,478	0,8136
30	303,15	0,04241	0,9957	85	358,15	0,5780	0,9684	245	518,15	36,523	0,8065
31	304,15	0,04491	0,9954	86	359,15	0,6011	0,9678	250	523,15	39,776	0,7992
32	305,15	0,04753	0,9951	87	360,15	0,6249	0,9671	255	528,15	43,246	0,7916
33	306,15	0,05029	0,9947	88	361,15	0,6495	0,9665	260	533,15	46,943	0,7839
34	307,15	0,05318	0,9944	89	362,15	0,6749	0,9658	265	538,15	50,877	0,7759
35	308,15	0,05622	0,9940	90	363,15	0,7011	0,9652	270	543,15	55,058	0,7678
36	309,15	0,05940	0,9937	91	364,15	0,7281	0,9644	275	548,15	59,496	0,7593
37	310,15	0,06274	0,9933	92	365,15	0,7561	0,9638	280	553,15	64,202	0,7505
38	311,15	0,06624	0,9930	93	366,15	0,7849	0,9630	285	558,15	69,186	0,7415
39	312,15	0,06991	0,9927	94	367,15	0,8146	0,9624	290	563,15	74,461	0,7321
40	313,15	0,07375	0,9923	95	368,15	0,8453	0,9616	295	568,15	80,037	0,7223
41	314,15	0,07777	0,9919	96	369,15	0,8769	0,9610	300	573,15	85,927	0,7122
42	315,15	0,08198	0,9915	97	370,15	0,9094	0,9602	305	578,15	92,144	0,7017
43	316,15	0,09639	0,9911	98	371,15	0,9430	0,9596	310	583,15	98,70	0,6906
44	317,15	0,09100	0,9907	99	372,15	0,9776	0,9586	315	588,15	105,61	0,6791
45	318,15	0,09582	0,9902	100	373,15	1,0133	0,9581	320	593,15	112,89	0,6669
46	319,15	0,10086	0,9898	102	375,15	1,0878	0,9567	325	598,15	120,56	0,6541
47	320,15	0,10612	0,9894	104	377,15	1,1668	0,9552	330	603,15	128,63	0,6404
48	321,15	0,11162	0,9889	106	379,15	1,2504	0,9537	340	613,15	146,05	0,6102
49	322,15	0,11736	0,9884	108	381,15	1,3390	0,9522	350	623,15	165,35	0,5743
50	323,15	0,12335	0,9880	110	383,15	1,4327	0,9507	360	633,15	186,75	0,5275
51	324,15	0,12961	0,9876	112	385,15	1,5316	0,9491	370	643,15	210,54	0,4518
52	325,15	0,13613	0,9871	114	387,15	1,6362	0,9476	374,15	647,30	221,20	0,3154
53	326,15	0,14293	0,9862	116	389,15	1,7465	0,9460				
54	327,15	0,15002	0,9862	118	391,15	1,8628	0,9445				

G-at_npsb_sc

MINIMUM REQUIRED SEAL PRESSURE FOR HOT WATER

Water Temperature [°C]	Vapor Pressure [bar _G]	Minimum Required Seal Pressure [bar _G]
80	-0,54	0,00
85	-0,44	0,20
90	-0,31	0,42
95	-0,17	0,68
100	0,00	0,97
105	0,20	1,31
110	0,42	1,69
115	0,68	2,12
120	0,97	2,60
125	1,31	3,14
130	1,69	3,75
135	2,12	4,42
140	2,60	5,17
145	3,14	6,00
150	3,75	6,90

Minimum Pump Inlet Pressure =
 (Minimum Required Seal Pressure + 0,2) - Δp [bar_G]

(Valid for atmospheric pressure $p_0 = 1.01 \text{ bar}_A$)

NOTE: the minimum Pump Inlet Pressure can even be higher according NPSHr calculation.

VOLUMETRIC CAPACITY

Litres per minute l/min	Cubic metres per hour m ³ /h	Cubic feet per hour ft ³ /h	Cubic feet per minute ft ³ /min	Imperial gallon per minute Imp. gal/min	U.S. gallon per minute US gal/min
1,0000	0,0600	2,1189	0,0353	0,2200	0,2642
16,6667	1,0000	35,3147	0,5886	3,6662	4,4029
0,4719	0,0283	1,0000	0,0167	0,1038	0,1247
28,3168	1,6990	60,0000	1,0000	6,2288	7,4805
4,5461	0,2728	9,6326	0,1605	1,0000	1,2009
3,7854	0,2271	8,0208	0,1337	0,8327	1,0000

PRESSURE AND HEAD

Newton per square metre N/m ²	kilo Pascal kPa	bar bar	Pound force per square inch psi	Metre of water m H ₂ O	Millimetre of mercury mm Hg
1,0000	0,0010	1×10^{-5}	$1,45 \times 10^{-4}$	$1,02 \times 10^{-4}$	0,0075
1 000,0000	1,0000	0,0100	0,1450	0,1020	7,5006
1×10^5	100,0000	1,0000	14,5038	10,1972	750,0638
6 894,7570	6,8948	0,0689	1,0000	0,7031	51,7151
9 806,6500	9,8067	0,0981	1,4223	1,0000	73,5561
133,3220	0,1333	0,0013	0,0193	0,0136	1,0000

LENGTH

Millimetre mm	Centimetre cm	Metre m	Inch in	Foot ft	Yard yd
1,0000	0,1000	0,0010	0,0394	0,0033	0,0011
10,0000	1,0000	0,0100	0,3937	0,0328	0,0109
1 000,0000	100,0000	1,0000	39,3701	3,2808	1,0936
25,4000	2,5400	0,0254	1,0000	0,0833	0,0278
304,8000	30,4800	0,3048	12,0000	1,0000	0,3333
914,4000	91,4400	0,9144	36,0000	3,0000	1,0000

VOLUME

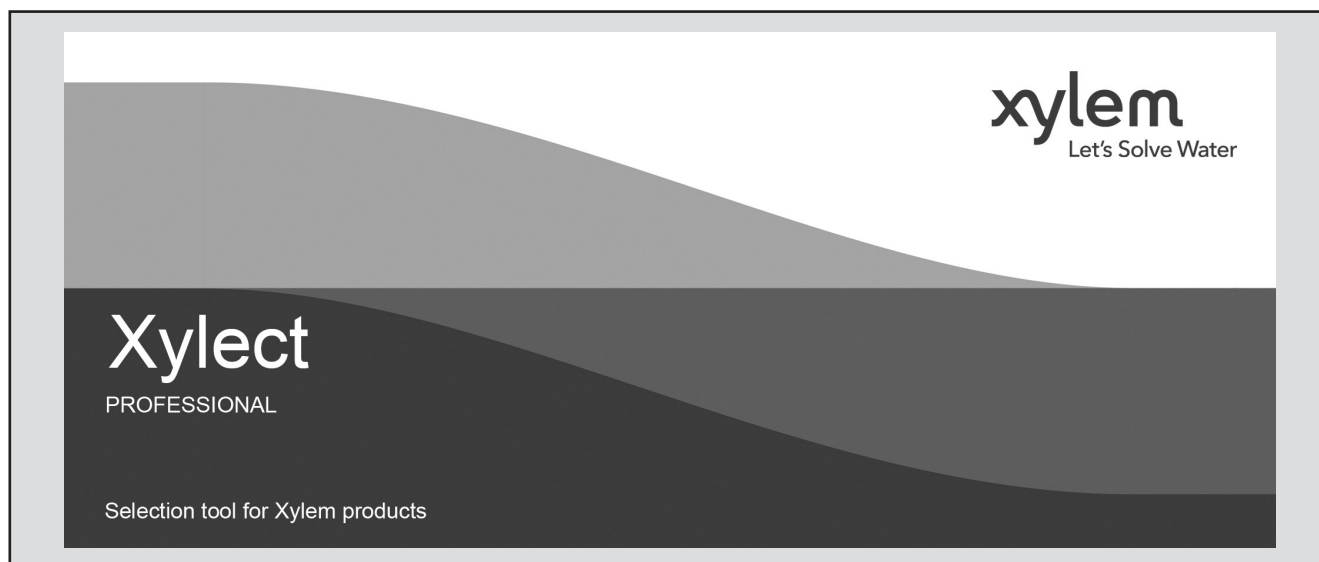
Cubic metre m ³	Litre L	Millilitre ml	Imperial gallon imp. gal.	U.S. gallon US gal.	Cubic foot ft ³
1,0000	1 000,0000	1×10^6	219,9694	264,1720	35,3147
0,0010	1,0000	1 000,0000	0,2200	0,2642	0,0353
1×10^{-6}	0,0010	1,0000	$2,2 \times 10^{-4}$	$2,642 \times 10^{-4}$	$3,53 \times 10^{-5}$
0,0045	4,5461	4 546,0870	1,0000	1,2009	0,1605
0,0038	3,7854	3 785,4120	0,8327	1,0000	0,1337
0,0283	28,3168	28 316,8466	6,2288	7,4805	1,0000

TEMPERATURE

Water	Kelvin K	Celsius °C	Fahrenheit °F	$^{\circ}\text{F} = ^{\circ}\text{C} \times \frac{9}{5} + 32$ $^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times \frac{5}{9}$
icing	273,1500	0,0000	32,0000	
boiling	373,1500	100,0000	212,0000	

G-at_pp-en_b_sc

FURTHER PRODUCT SELECTION AND DOCUMENTATION Xylect



Xylect is pump solution selection software with an extensive online database of product information across the entire Lowara range of pumps and related products, with multiple search options and helpful project management facilities. The system holds up-to-date product information on thousands of products and accessories.

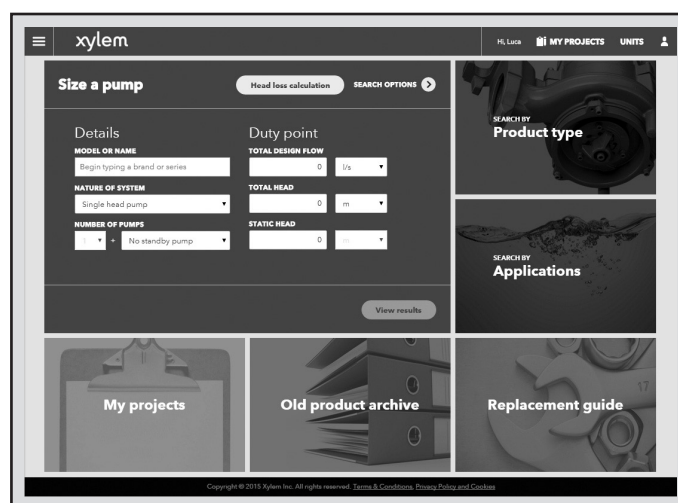
The possibility to search by applications and the detailed information output given makes it easy to make the optimal selection without having detailed knowledge about the Lowara products.

The search can be made by:

- Application
- Product type
- Duty point

Xylect gives a detailed output:

- List with search results
- Performance curves (flow, head, power, efficiency, NPSH)
- Motor data
- Dimensional drawings
- Options
- Data sheet printouts
- Document downloads incl dxf files



The search by application guides users not familiar with the product range to the right choice.

FURTHER PRODUCT SELECTION AND DOCUMENTATION Xylect



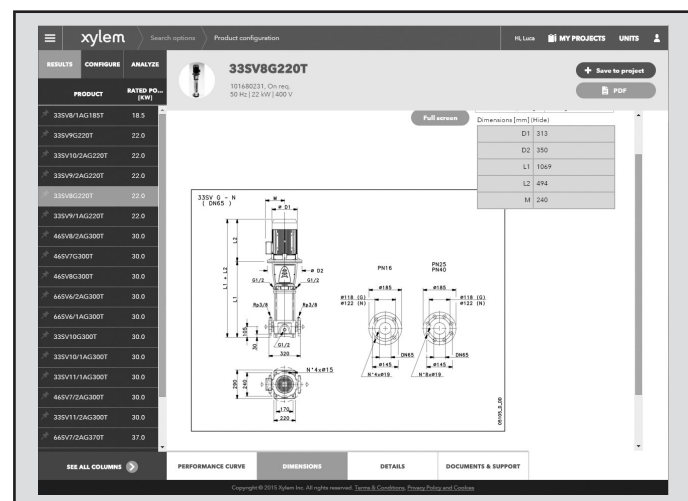
The detailed output makes it easy to select the optimal pump from the given alternatives.

The best way to work with Xylect is to create a personal account. This makes it possible to:

- Set own standard units
- Create and save projects
- Share projects with other Xylect users

Every registered user has a proper space, where all projects are saved.

For more information about Xylect please contact our sales network or visit www.xylect.com.



Dimensional drawings appear on the screen and can be downloaded in dxf format.

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com.



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