

2 Poles

TYPE	PUMP			
	MN	MNG	MA	MAX
32-160C	●	×	●	●
32-160B	●	×	●	●
32-160A	●	×	●	●
32-200C	●	×	●	●
32-200B1	●	×	×	●
32-200B	●	×	●	●
32-200A1	●	×	×	●
32-200A	●	×	●	●
32-250C	●	×	●	●
32-250B	●	×	●	●
32-250A	●	×	●	●
40-125C	●	×	●	●
40-125B	●	×	●	●
40-125A	●	×	●	●
40-160B	●	×	●	●
40-160A	●	×	●	●
40-160AP	●	×	●	●
40-200B1	●	×	-	●
40-200B	●	×	●	●
40-200A1	●	×	×	●
40-200A	●	×	●	●
40-200AP	●	×	●	●
40-250C	●	×	●	●
40-250B	●	×	●	●
40-250A	●	×	●	●
40-250BM	●	×	●	●
40-250AM	●	×	●	●
50-125B	●	×	●	●
50-125A	●	×	●	●
50-160B1	●	×	×	●
50-160B	●	×	●	●
50-160A1	●	×	×	●
50-160A	●	×	●	●
50-200C	●	×	●	●
50-200B	●	×	●	●
50-200A	●	×	●	●
50-250C	●	×	●	●
50-250B	●	×	●	●
50-250A	●	×	●	●
50-315DN	×	×	●	×
50-315CN	×	×	●	×
50-315BN	×	×	●	×
50-315AN	×	×	●	×
65-125B1	●	×	×	●
65-125B	●	×	●	●
65-125A1	●	×	×	●
65-125A	●	×	●	●
65-160C	●	×	●	●
65-160B	●	×	●	●
65-160A	●	×	●	●
65-200C	●	×	●	●
65-200B	●	×	●	●
65-200A	●	×	●	●
65-250B	●	×	●	●
65-250A	●	×	●	●
65-315CN	×	×	●	×
65-315BN	×	×	●	×
65-315AN	×	×	●	×

TYPE	PUMP			
	MN	MNG	MA	MAX
80-160E	●	×	●	●
80-160D	●	×	●	●
80-160C	●	×	●	●
80-160B	●	×	●	●
80-160A	●	×	●	●
80-200B	●	×	●	●
80-200A	●	×	●	●
80-250B	×	●	●	●
80-250A	×	●	●	●
80-315BN	×	×	●	×
80-315AN	×	×	●	×
100-160B	●	×	×	●
100-160B	●	×	×	●
100-200B	×	●	●	●
100-200A	×	●	●	●
100-250C	×	●	●	●
100-250B	×	●	●	●
100-250A	×	●	●	●

●=Available
×=Not available

Legend

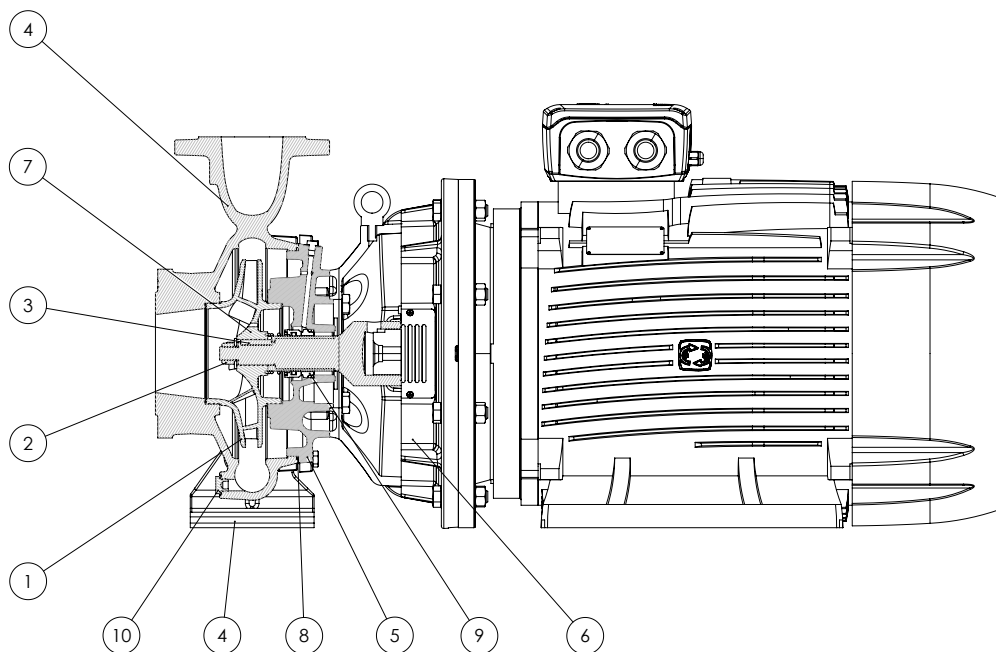
MN: Front suction close-coupled centrifugal pumps with close impeller mounted on IE3 motor shaft extension. Pump casing with axial suction and radial delivery on top, main dimensions and performance according to EN 733.

MNG: Front suction centrifugal pumps connected to IE3 standard motor (stub-shaft construction). Pump casing with axial suction and radial delivery on top, main dimensions and performance according to EN 733.

MA-MAX: Single-stage end-suction centrifugal frame-mounted pumps. Dimensions in accordance with EN 733.

MNG Series

Models list and materials



POS. N.	DENOMINATION	VERSION	MATERIAL	REFERENCE STANDARDS	
				EUROPE	USA
1	Impeller	Standard B X	Cast iron G20 Bronze Stainless steel	GJL-200 (JL1030) CuSn10-C (CC480K) X5CrNiMo17-12-2/ 1.4401	ASTM Class 30 UNS C90700 AISI 316
2	Impeller lock nut and washer		Stainless steel	X5CrNiMo17-12-2/ 1.4401	AISI 316
3	Impeller key		Stainless steel	X5CrNiMo17-12-2/ 1.4401	AISI 316
4	Volute casing	Standard X	Cast iron G25 Stainless steel	GJL-250 (JL1040) X5CrNiMo17-12-2/ 1.4401	ASTM Class 35 AISI 316
5	Casing cover	Standard X	Cast iron G20 Stainless steel	GJL-200 (JL1030) X5CrNiMo17-12-2/ 1.4401	ASTM Class 30 AISI 316
6	Motor bracket		Cast iron G20	GJL-200 (JL1030)	ASTM Class 30
7	Stub shaft		Stainless steel	X5CrNiMo17-12-2/ 1.4401	AISI 316
8	O-ring	Standard E V	NBR EPDM FKM		
9	Mechanical seal		(Search for the material in the mechanical seal table)		
10	Fill and drain plugs	Fill and drain plugs	Brass	CU ZN 40 PB2 UNI 5705/65	C37700

MNG-MNGX ~2900 r.p.m.

Centrifugal Flanged
EN 733



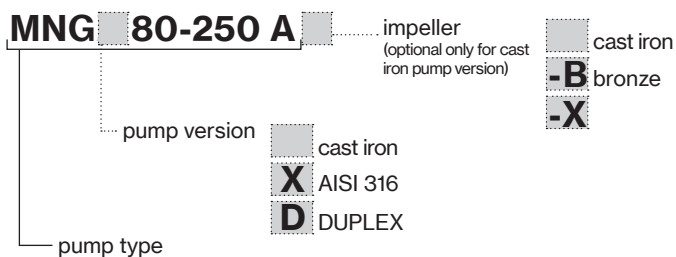
Monobloc horizontal centrifugal pumps, constructed in compliance with EN 733 standards, with stub-shaft and bracket for coupling to standard motors; widely used in water supplies, pressurisation and fire-fighting systems; standard supply with counter-flange.

Construction features

Pump body	cast iron (MNG) stainless steel AISI 316 (MNGX)
Motor bracket	cast iron
Impeller	cast iron, bronze, steel (MNG), steel (MNGX)
Mechanical seal	ceramic-graphite-NBR
Pump shaft end	stainless steel AISI 316
Liquid temperature	-10 ÷ +90 °C
Operating pressure	max 10 bar

Motor

2 Poles induction motor	3- 400/690V-50Hz
Insulation class	F
Protection degree	IPX5

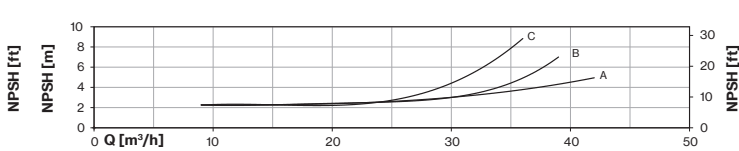
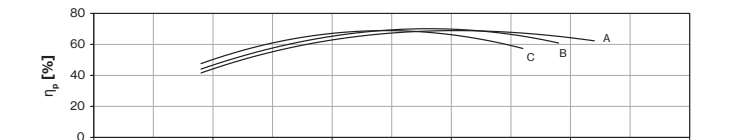
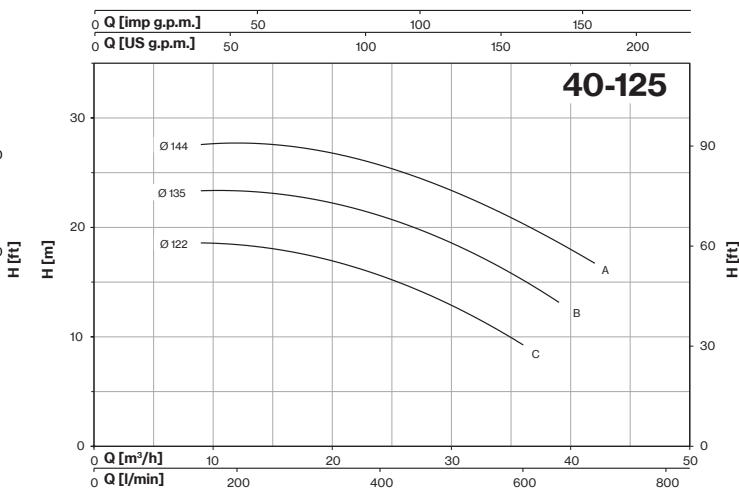
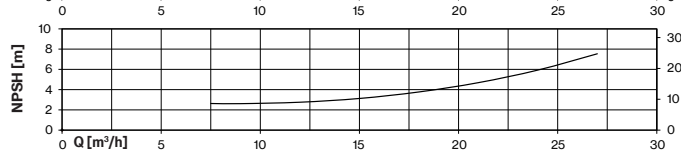
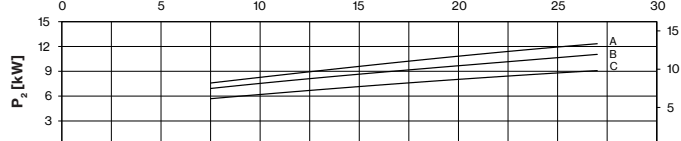
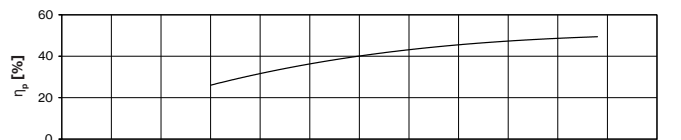
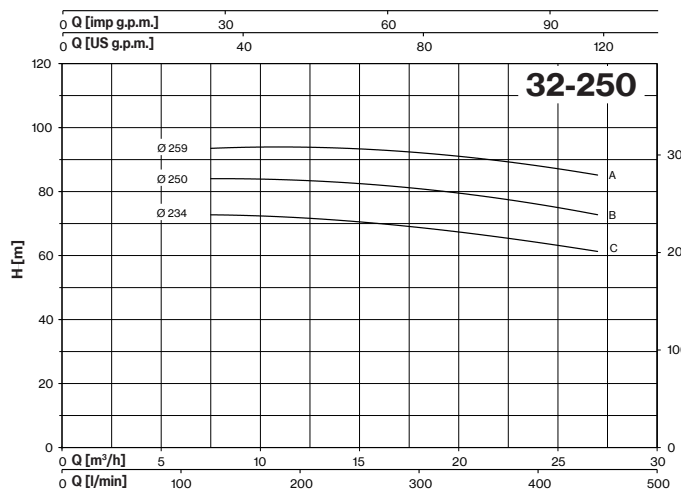
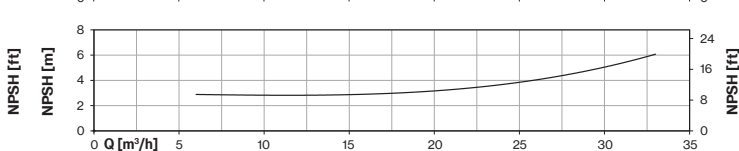
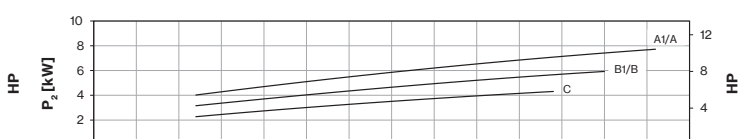
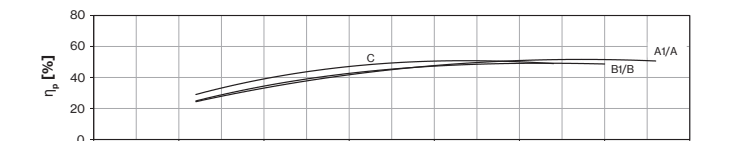
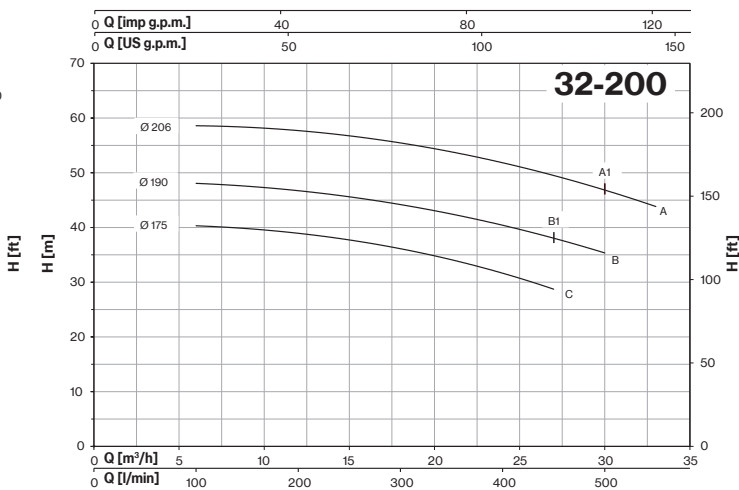
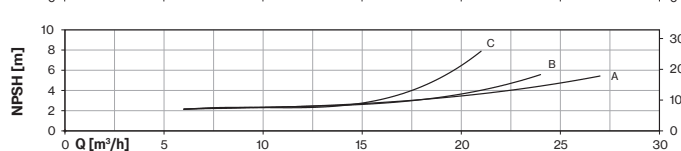
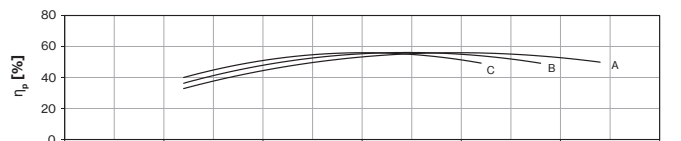
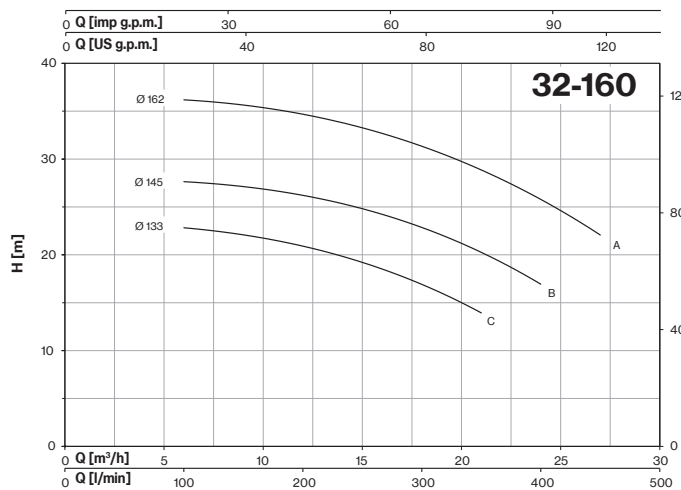


MNG-MNGX ~ 2900 r.p.m.

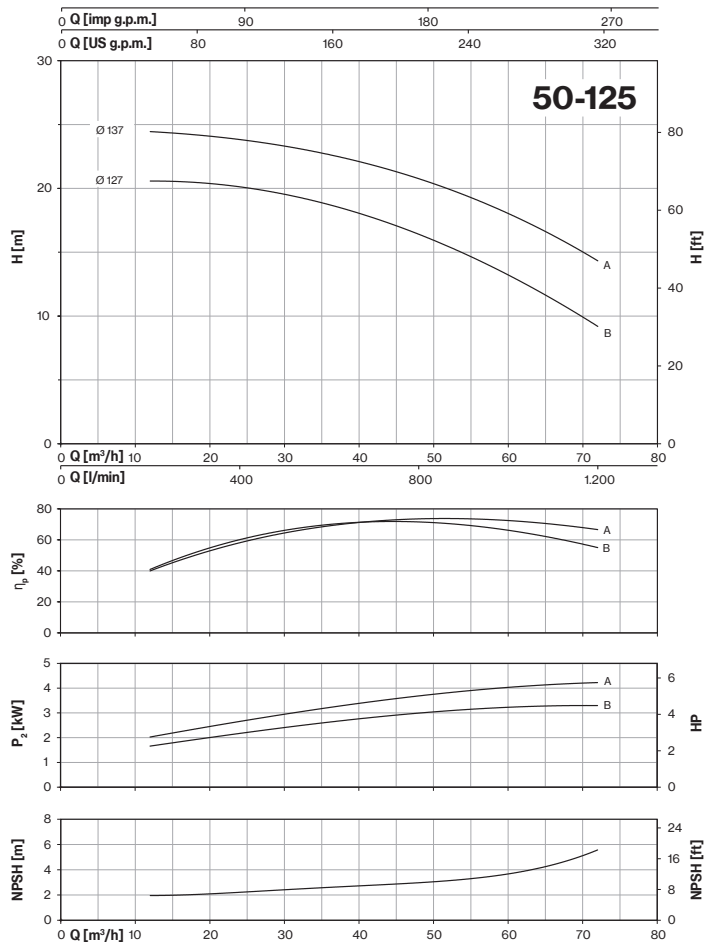
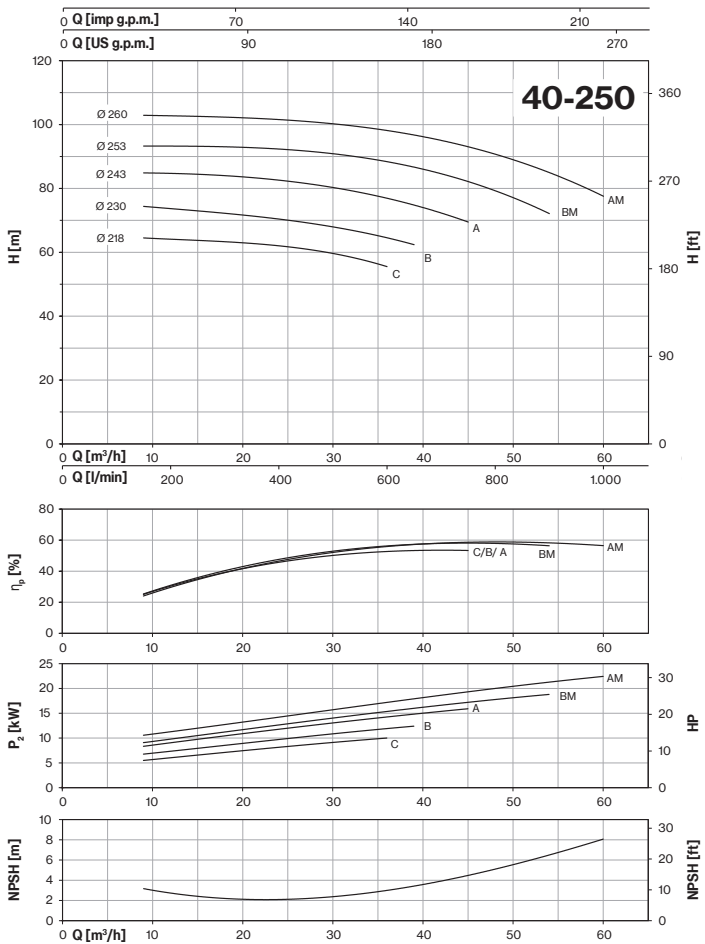
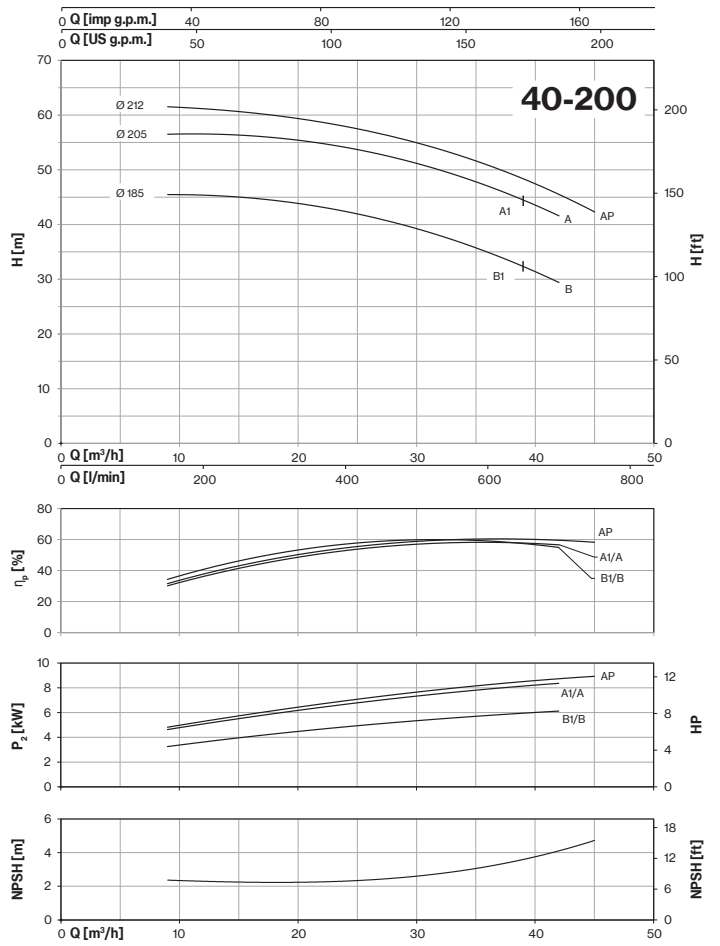
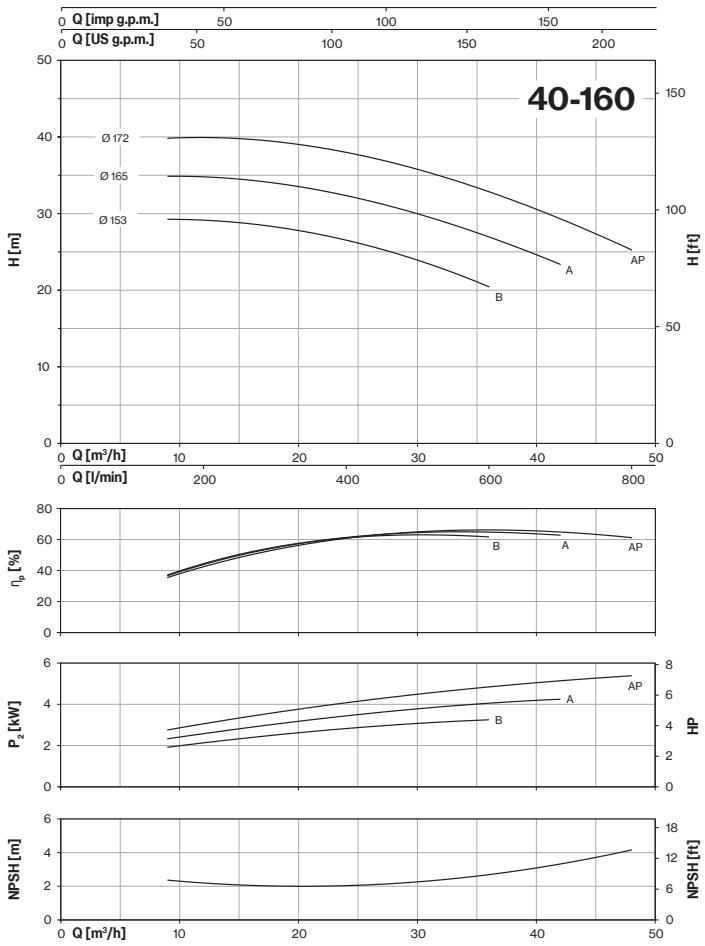
Centrifugal Flanged
EN 733

TYPE	P ₂ nom. kW	Motor Size	Q (m ³ /h - l/min)																		
			0	96	108	120	132	138	144	156	168	180	195	210	225	240	255	270	300	330	360
			0	1600	1800	2000	2200	2300	2400	2600	2800	3000	3250	3500	3750	4000	4250	4500	5000	5500	6000
			H (m) pump input power (kW)																		
80-250B	45	225M	77,2	80,0	79,0	77,5	75,3	74,2	73,1	71,0	69,0	67,0	64,5	61,8	58,8						
			14,01	30,93	32,60	34,34	36,13	37,02	37,86	39,38	40,78	42,10	43,60	44,94	46,15						
80-250A	55	250M	90,0	92,8	91,1	89,3	87,4	86,4	85,4	83,1	80,7	78,5	75,7	72,4	68,8	65,2					
			16,74	36,56	38,57	40,54	42,46	43,39	44,31	46,12	47,81	49,29	50,92	52,59	54,18	55,50					
100-200B	45	225M	56,1		56,8	56,5	56,1	55,9	55,6	55,1	54,5	53,9	53,1	52,2	51,4	50,4	49,0	47,5	43,8	39,7	
			21,75		28,84	29,78	30,74	31,24	31,75	32,81	33,89	35,04	36,50	37,82	38,89	39,85	40,77	41,60	42,92	43,82	
100-200A	55	250M	61,1		62,2	61,8	61,5	61,2	61,0	60,5	59,9	59,5	58,9	58,3	57,4	56,4	55,2	53,8	50,6	46,8	42,5
			24,57		33,04	34,07	35,11	35,64	36,18	37,28	38,39	39,49	40,86	42,23	43,60	44,97	46,20	47,28	49,05	50,53	51,62
100-250C	55	250M	71,9			73,2	73,1	73,0	72,9	72,6	72,2	71,8	71,1	70,3	69,3	67,9	66,4	64,7	61,0		
	75	280S	24,75			40,12	41,93	42,84	43,70	45,28	46,77	48,21	49,94	51,65	53,38	55,05	56,66	58,19	60,99		
100-250B	75	280S	83,6			83,7	83,5	83,4	83,2	82,9	82,5	82,1	81,4	80,8	80,0	79,0	77,9	76,4	72,0	67,6	
			29,69			47,10	49,06	50,04	51,01	52,92	54,76	56,47	58,46	60,26	61,86	63,49	65,17	66,93	70,91	73,78	
100-250A	90	280M	93,5			93,9	93,7	93,5	93,4	92,9	92,4	91,8	90,9	89,9	88,8	87,4	85,7	84,0	80,4	75,8	73,2
			32,71			51,99	54,14	55,23	56,31	58,48	60,60	62,57	64,88	66,97	68,84	70,81	72,81	74,73	78,17	81,33	85,53

MN-MNG-MNGX-MA-MAX ~ EN 733

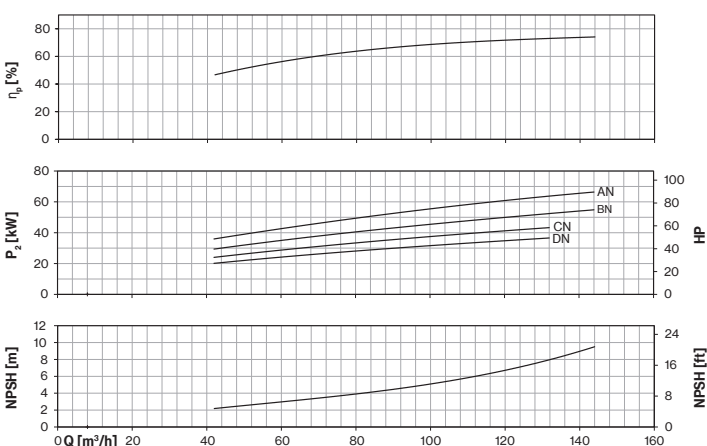
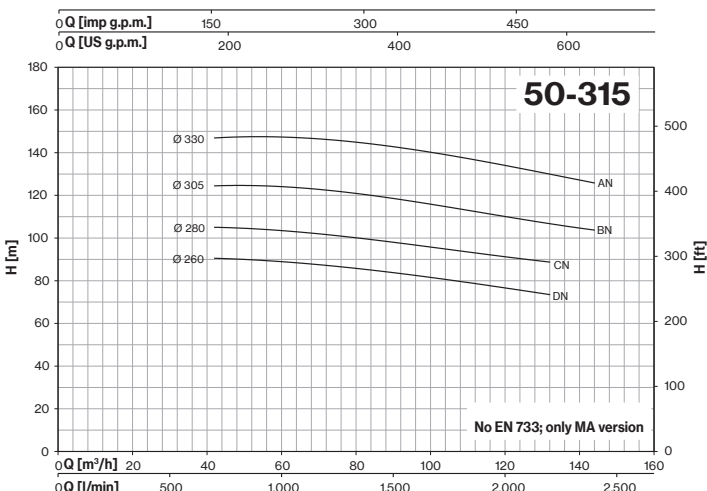
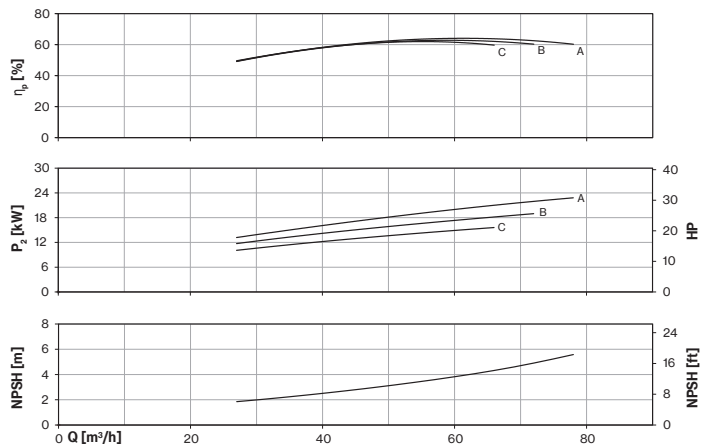
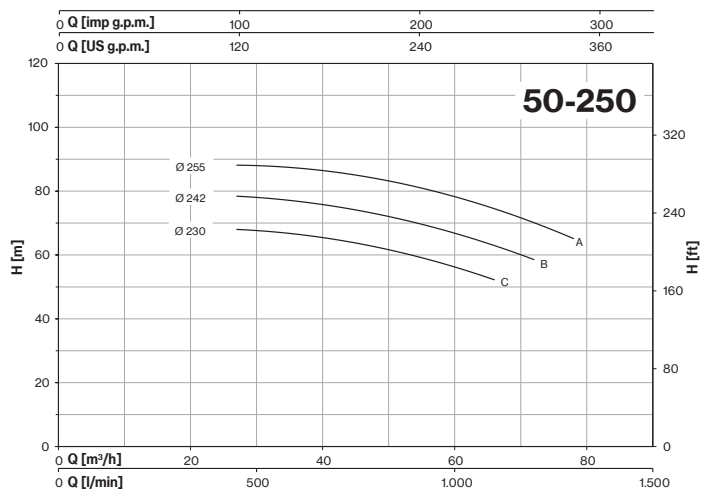
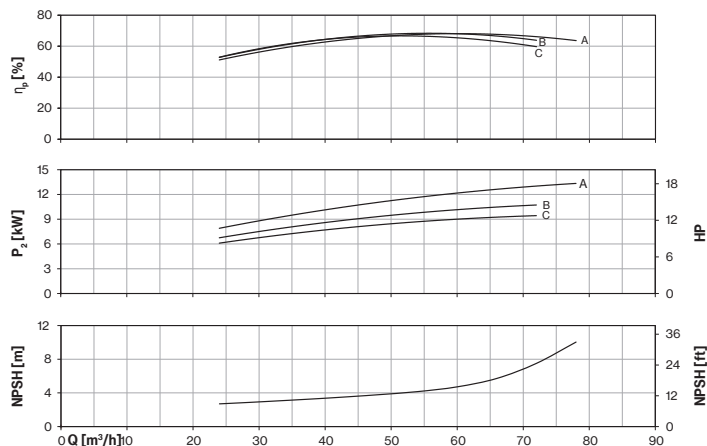
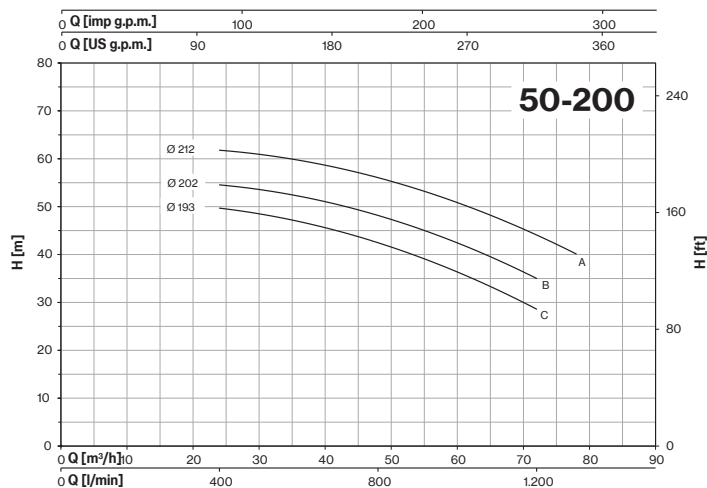
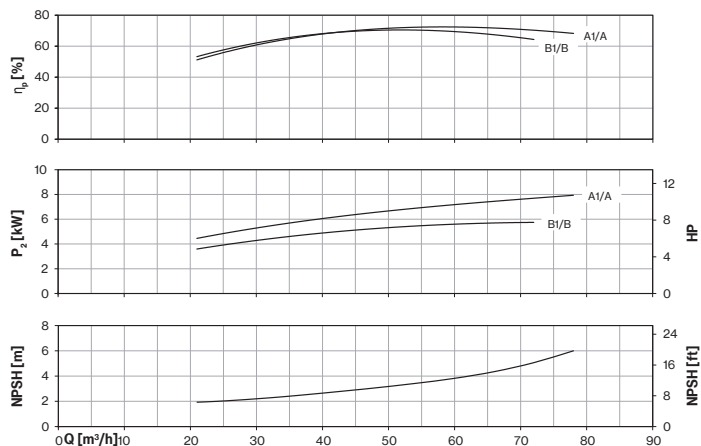
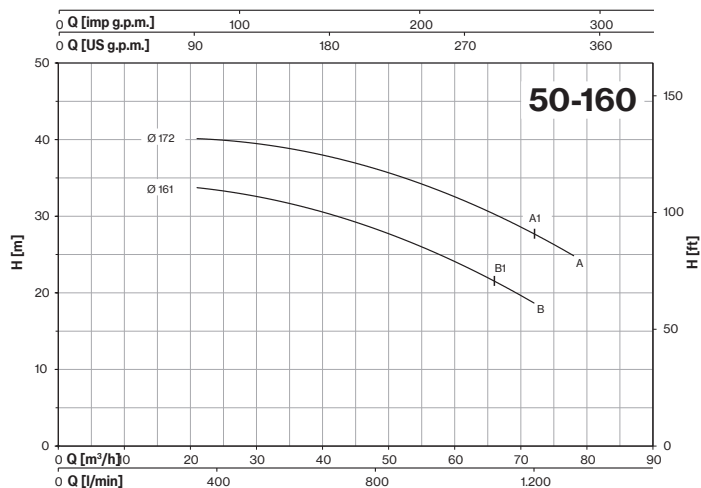


MN-MNG-MNGX-MA-MAX ~ EN 733

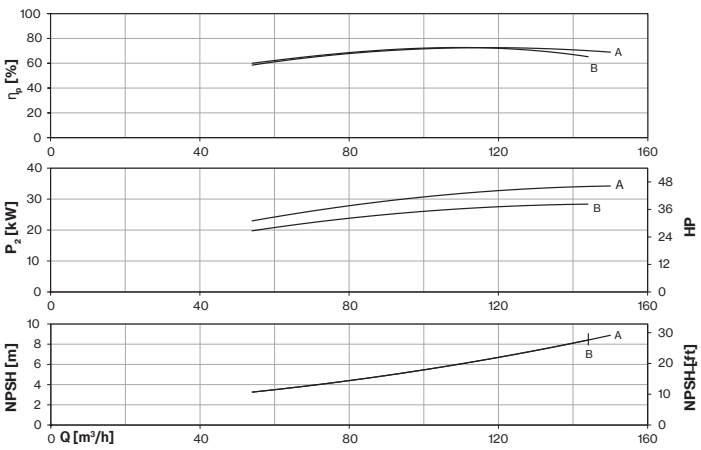
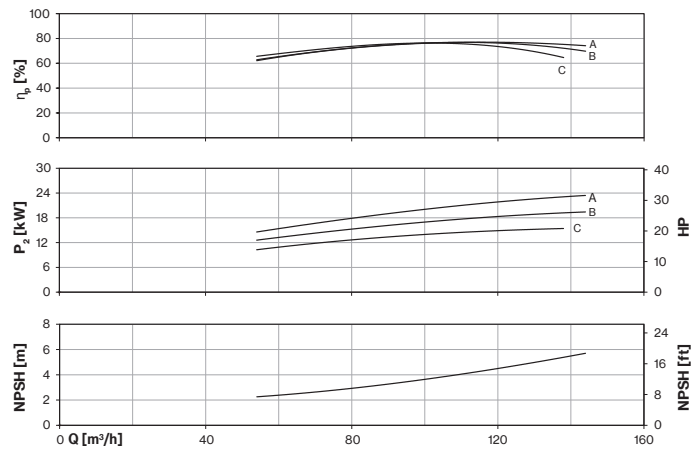
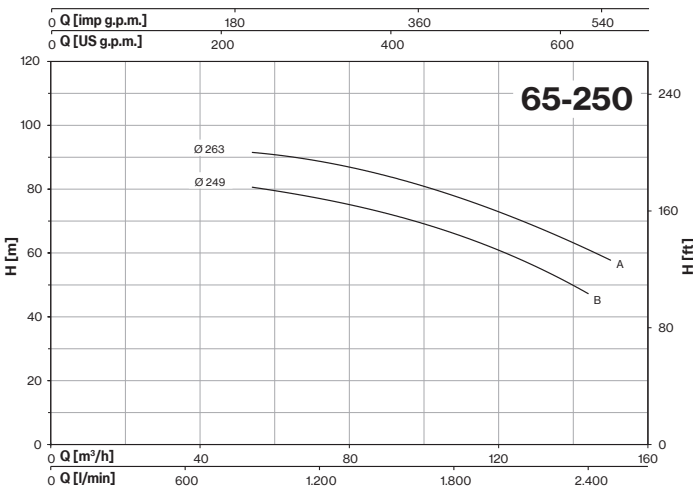
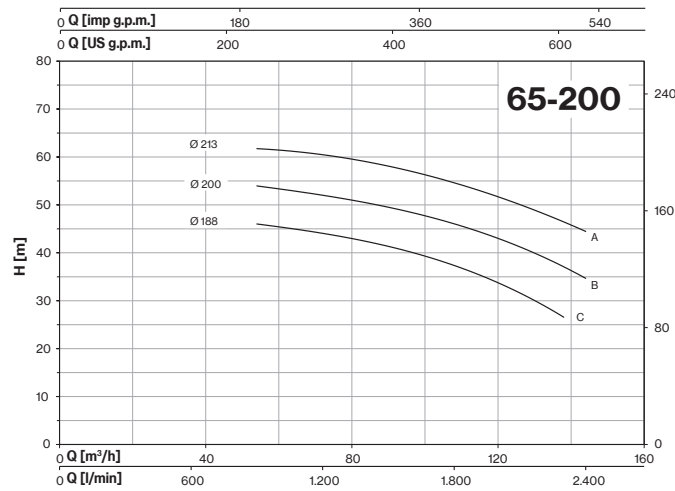
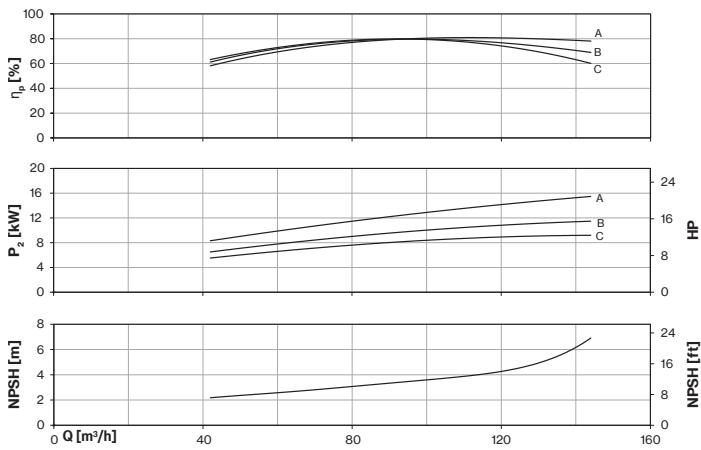
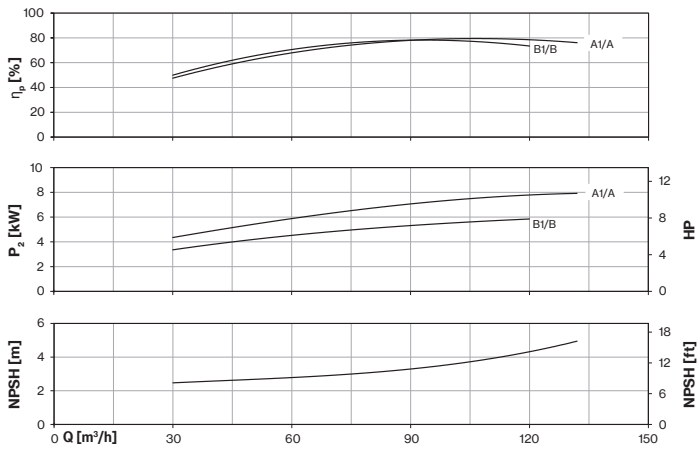
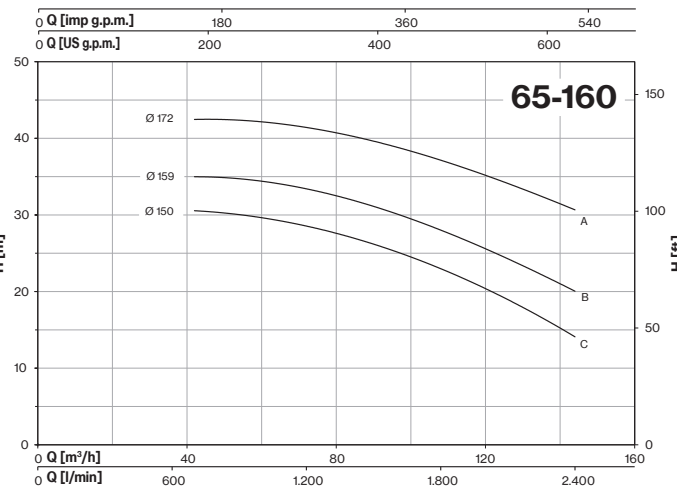
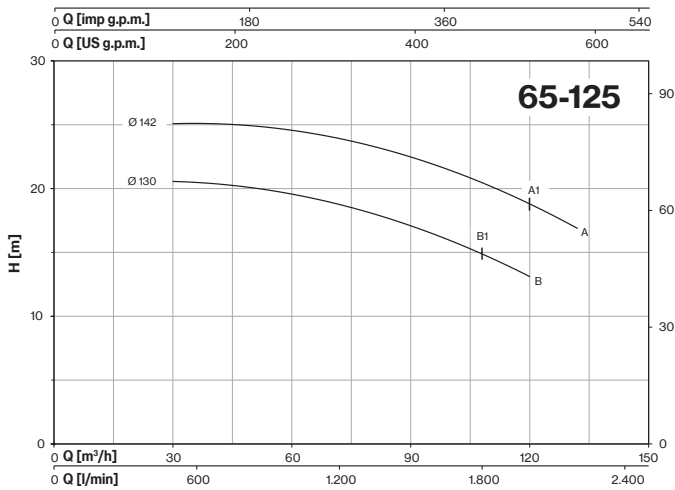


Tolerance: ISO 9906:2012 - Grade 3B
 Check pumps availability on page 84- 85

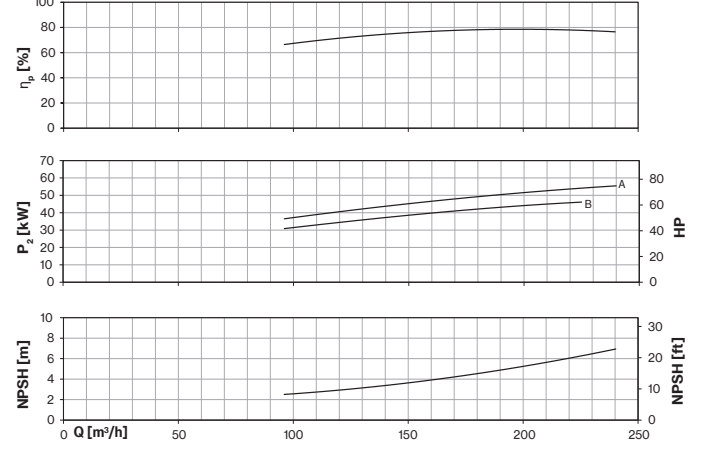
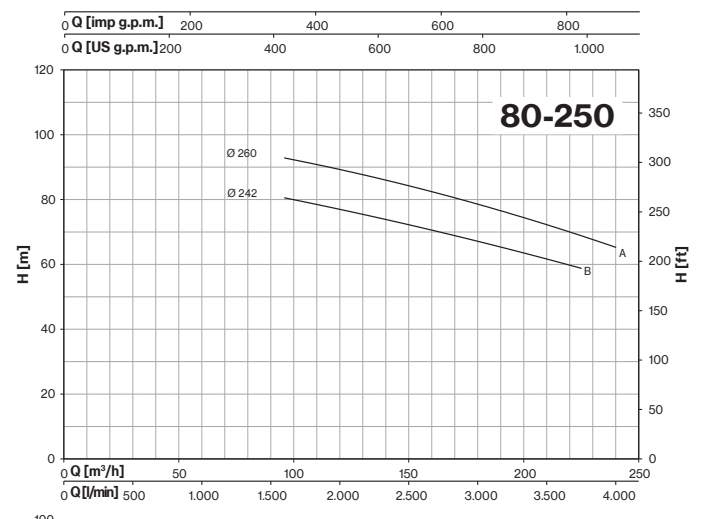
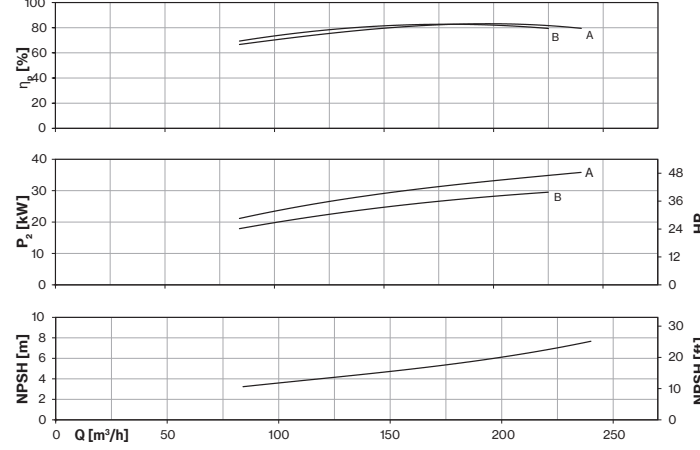
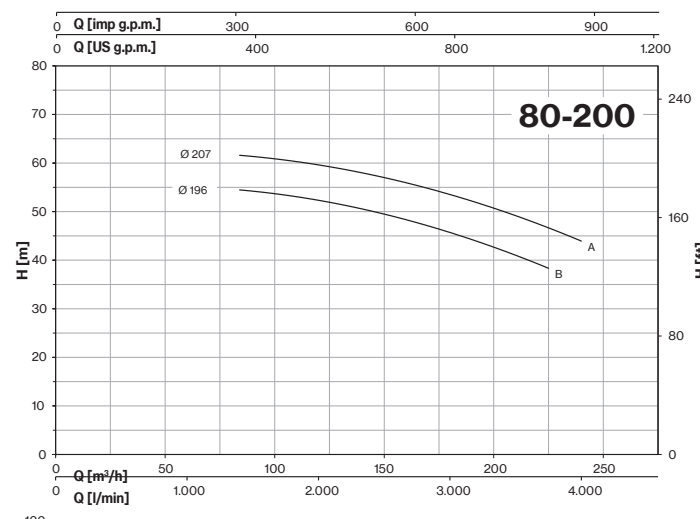
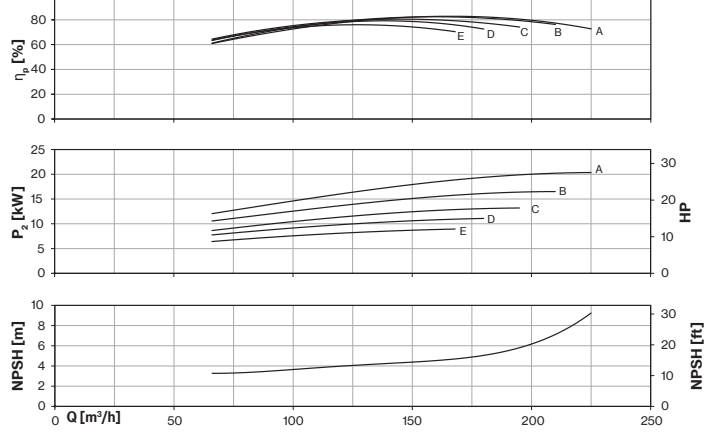
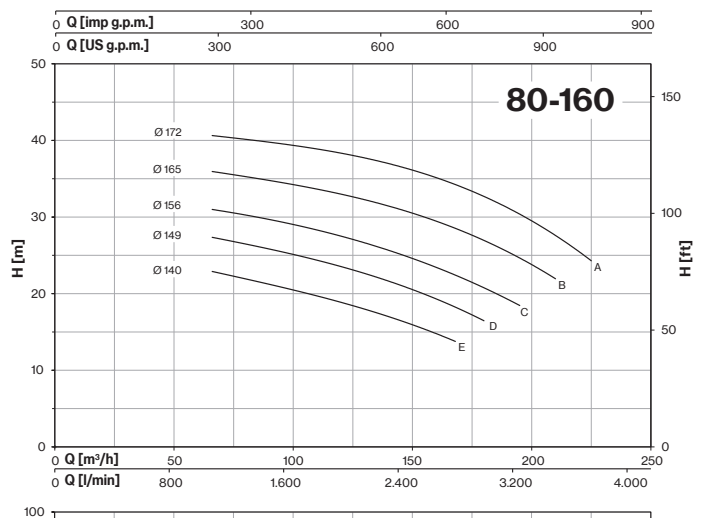
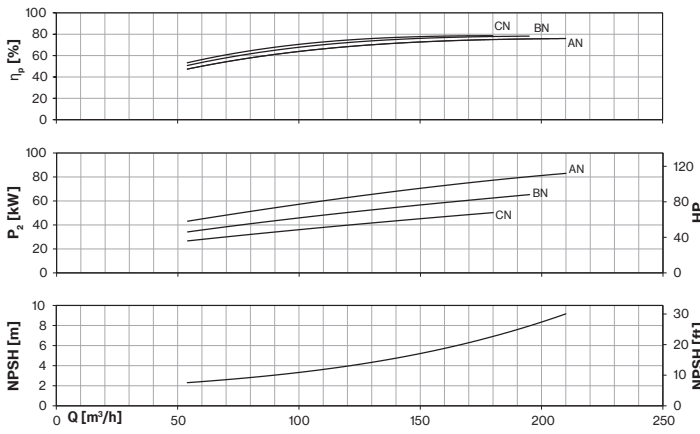
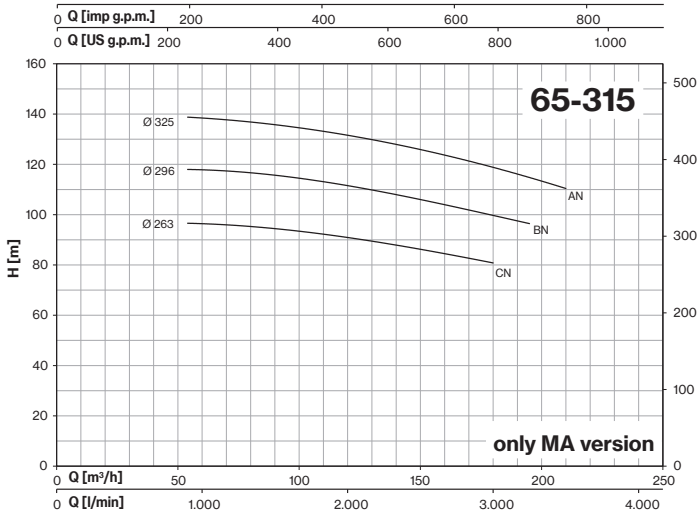
MN-MNG-MNGX-MA-MAX ~ EN 733



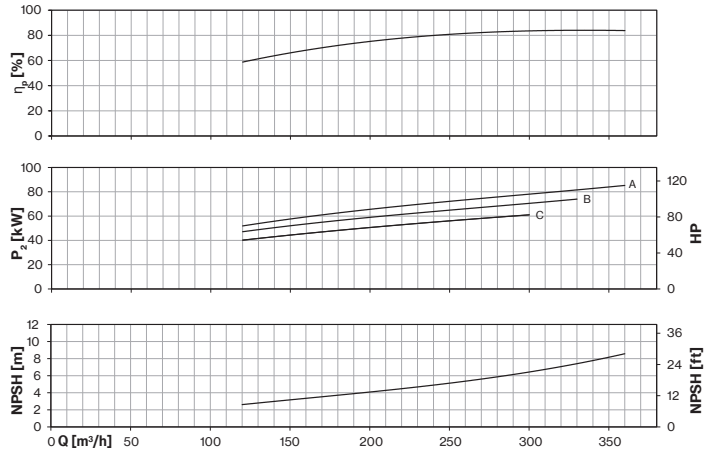
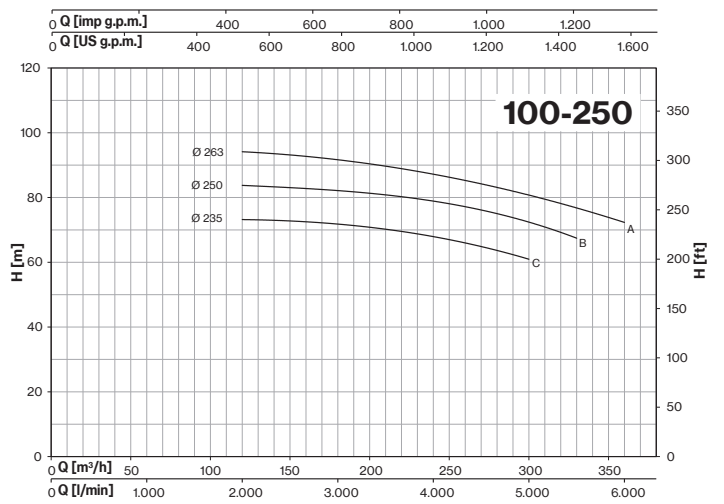
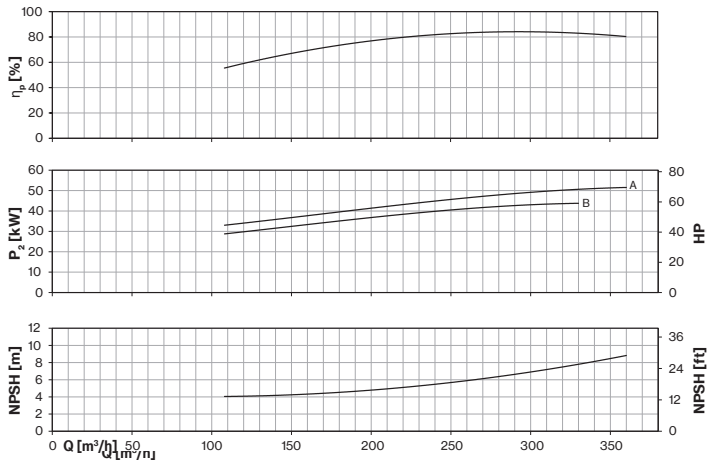
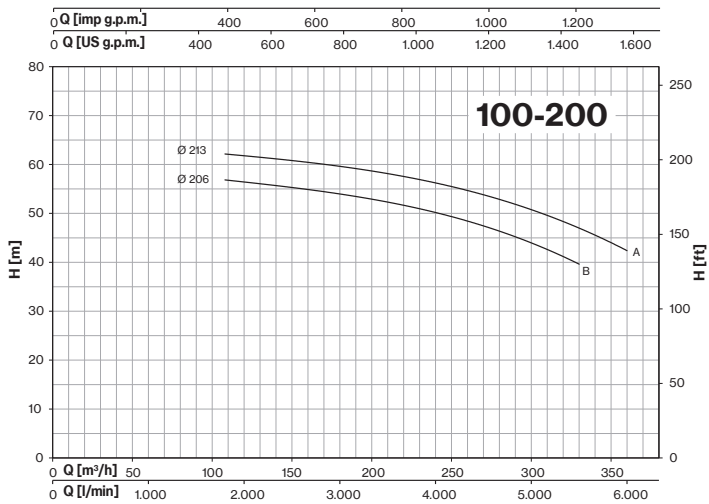
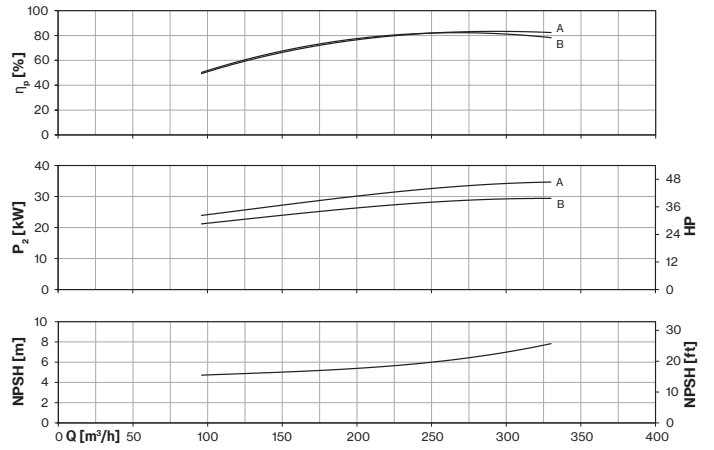
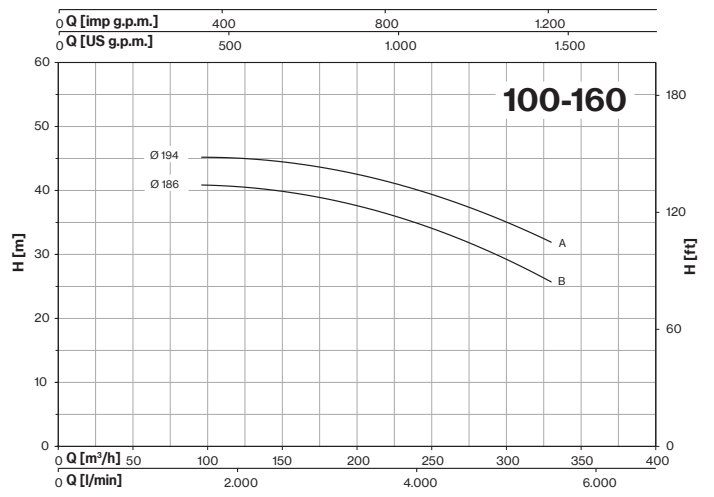
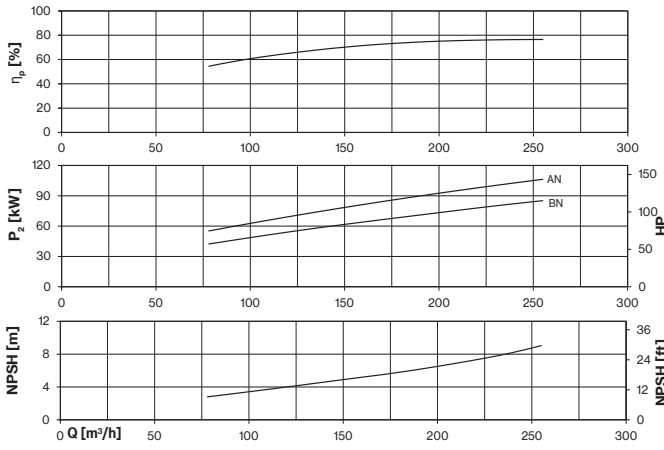
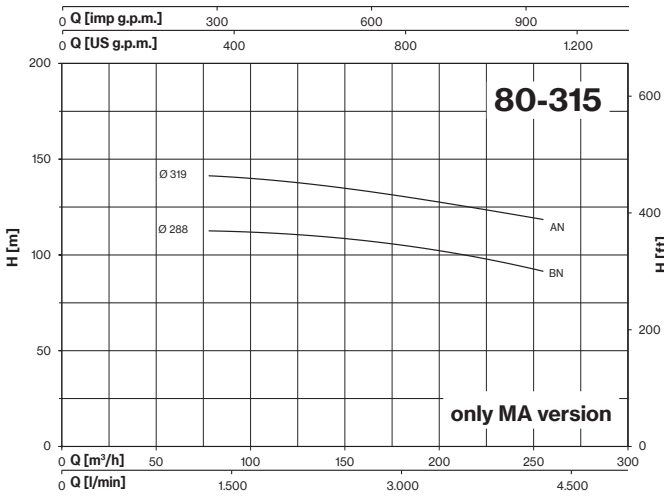
MN-MNG-MNGX-MA-MAX ~ EN 733



MN-MNG-MNGX-MA-MAX ~ EN 733

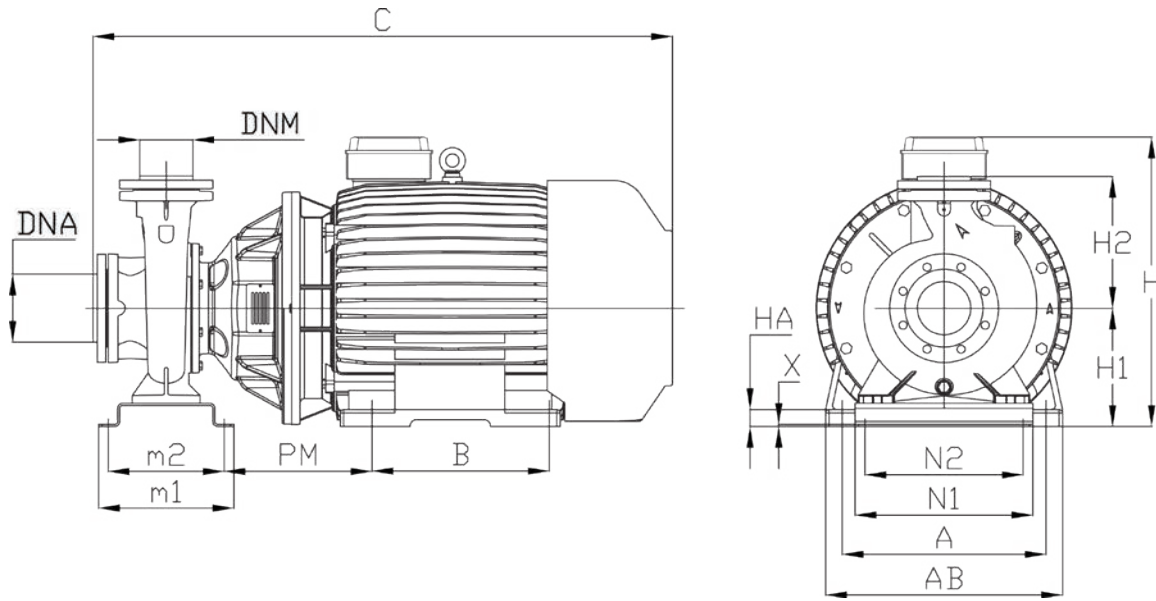


MN-MNG-MNGX-MA-MAX ~ EN 733



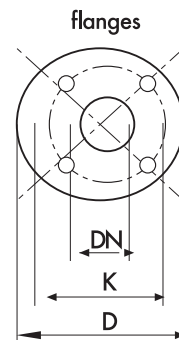
Tolerance: ISO 9906:2012 - Grade 3B
Check pumps availability on page 84- 85







TYPE	DIMENSIONS (mm)															Kg
	DNA	DNM	m1	m2	N2	N1	H1	H2	H	A	AB	B	PM	C	HA	
80-250B	100	80	200	120	315	406	225	317	550	356	435	311	356	1130	28	418
80-250A			320	280	360	420	280	317	650	406	485	349	325	1240	58	505
100-200B	125	100	200	120	280	360	225	321	550	356	435	311	356	1130	28	417
100-200A			320	280	360	420	280	321	650	406	485	349	325	1240	60	505
100-250C			320	280	360	420	280	321	675	406	485	349	325	1315	60	516
100-250B			320	280	360	420	280	321	675	457	545	368	347	1315	35	645
100-250A			320	280	360	420	280	321	675	457	545	419	347	1370	35	680

DIMENSIONS (mm)				
DN	D	K	holes	
			n°	Ø
80	200	160	8	18
100	220	180	8	18
125	250	210	8	18



MNG Serie-Mechanical seal and bearings

MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL			
	MNG80-250B, MNG80-250A, MNG100-200B, MNG100-200A, MNG100-250C, MNG100-250B, MNG100-250A	45mm	<i>Rotating face</i> <i>Stationary face</i> <i>Elastomer</i>	CrNi-steel Graphite NBR	CrNi-steel Graphite EPDM	CrNi-steel Graphite FKM	SiC SiC EPDM	SiC SiC FKM

MOTOR BEARINGS	PUMP MODEL	TYPE	
	MNG80-250B, MNG100-200B	6313-ZZ C3	6313-ZZ C3
	MNG80-250A, MNG100-200A, MNG100-250C, MNG100-250B, MNG100-250A	6314-ZZ C3	6314-ZZ C3