

Monobloc horizontal centrifugal pumps, constructed in compliance with EN 733 standards; widely used in water supplies, pressurisation and fire-fighting systems, cooling, heating, irrigation, industrial and agricultural applications; standard supply with counter-flange.

Construction features

Pump body	cast iron
Motor bracket	cast iron
Impeller	cast iron, bronze or stainless steel
Mechanical seal	ceramic-graphite-NBR
Pump shaft end	stainless steel AISI 304
Liquid temperature	-10 ÷ +90 °C
Operating pressure	max 10 bar

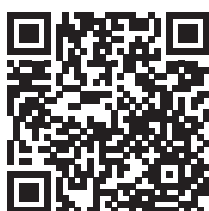
Motor

	3~ 230/400V-50Hz P ≤ 4kW
2 Poles induction motor	3~ 400/690V-50Hz P > 4kW
	1~ 230V-50Hz
Insulation class	F
Protection degree	IPX5

CM 50-160A X

..... impeller	cast iron
B	brass
X	AISI 316

— pump type



TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
32-160	80×120×155	24	80×120×190	30
32-200 (C)	80×120×155	24	80×120×180	24
32-200 (A) (A1) (B) (B1)	100×120×140	18	100×120×185	24
32-250 (A)	85×110×120	6	85×110×170	9
32-250 (B) (C)	80×120×120	6	80×120×170	9
40-125	80×120×155	24	80×120×190	30
40-160	80×120×155	24	80×120×190	30
40-200	100×120×140	18	100×120×185	24
40-250 (A)	85×110×120	6	85×110×170	9
40-250 (B) (BM) (C)	80×120×120	6	80×120×170	9
50-125	80×120×120	24	80×120×180	24
50-160	100×120×140	18	100×120×185	24
50-200 (A)	85×110×120	6	85×110×170	9
50-200 (B) (C)	80×120×120	6	80×120×170	9
50-250	80×120×120	6	80×120×170	9
65-125	100×120×140	18	100×120×185	24
65-160	85×110×120	6	85×110×170	9
65-200	85×110×120	6	85×110×170	9
65-250	85×110×130	4	85×110×190	6
80-160	85×110×120	6	85×110×170	9
80-200	85×110×130	4	85×110×190	6
100-160	85×110×130	4	85×110×190	6

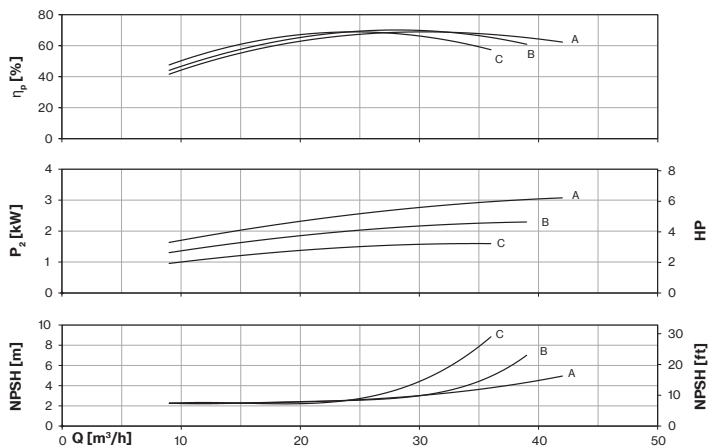
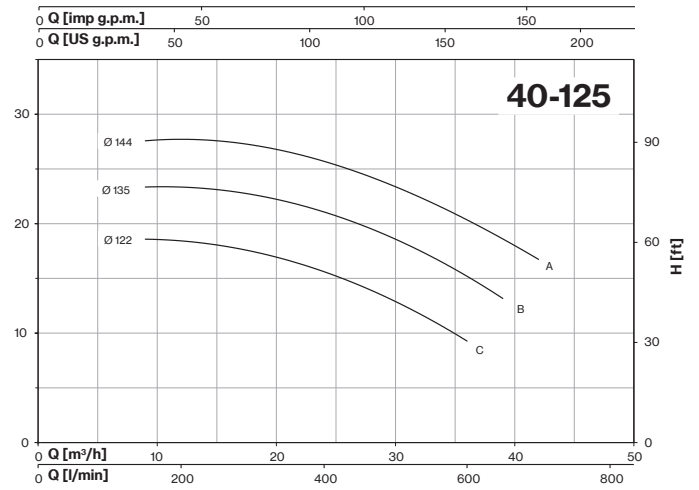
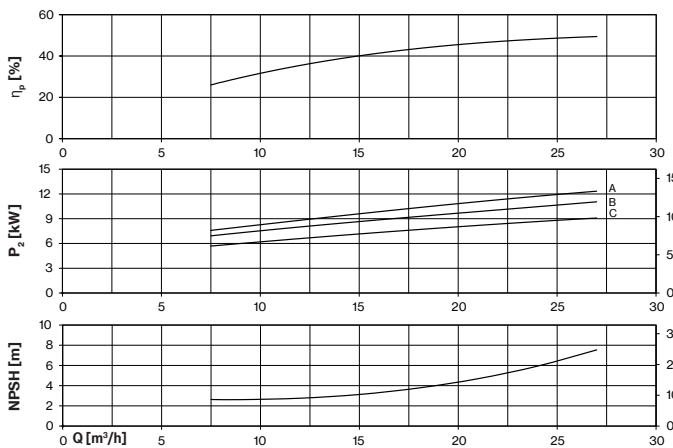
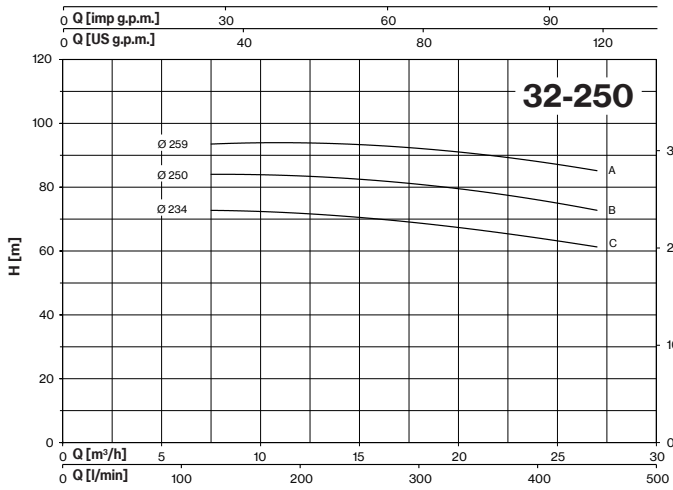
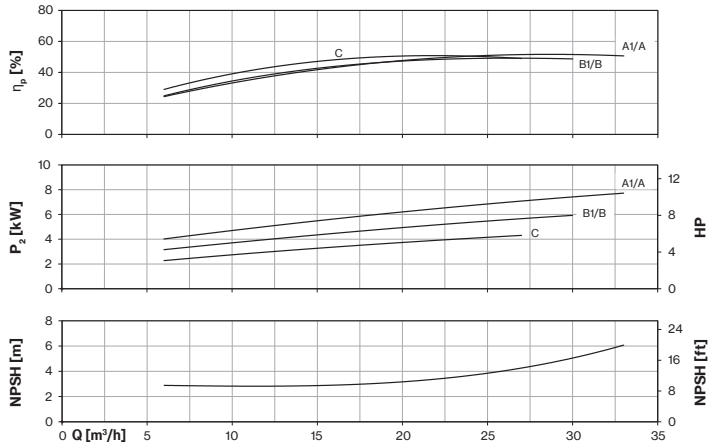
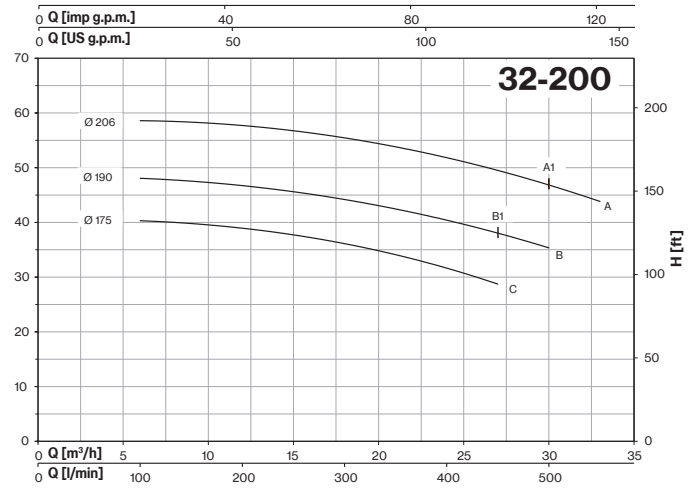
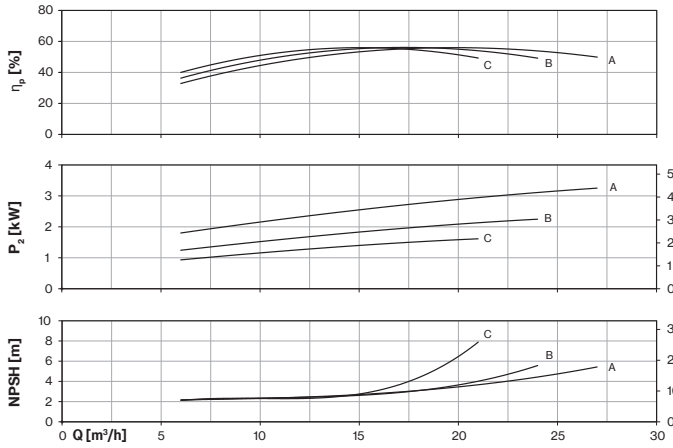
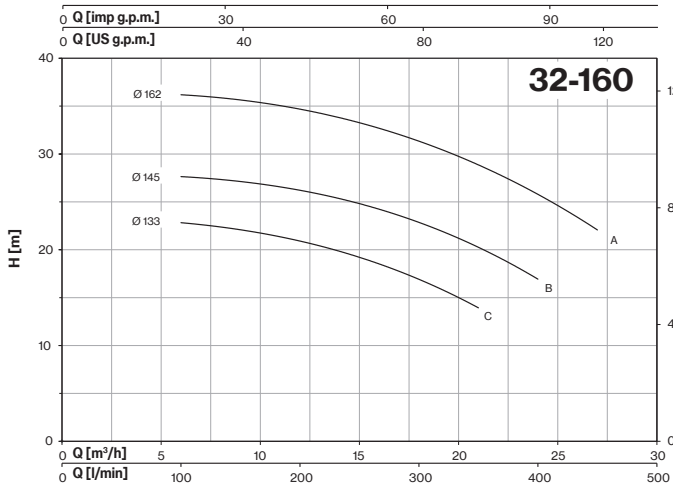
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			P ₁ max kW	A 3x400V 50Hz	0	30	33	36	39	42	45	48	54	60	66	72	78	84	96	108	120	132	138	144	150
	HP	kW			0	500	550	600	650	700	750	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2300	2400	2500
65-125B1	7,5	5,5	6,4	11,3	19,7	20,6	20,5	20,4	20,4	20,3	20,2	20,2	20,0	19,7	19,3	18,8	18,2	17,5	16,3	15,0					
65-125B	7,5	5,5	6,6	11,0	19,7	20,6	20,5	20,4	20,4	20,3	20,2	20,2	20,0	19,7	19,3	18,8	18,2	17,5	16,3	15,0	13,1				
65-125A1	10	7,5	8,6	15,1	24,6	25,2	25,2	25,1	25,1	25,0	24,8	24,9	24,7	24,5	24,2	23,9	23,5	23,0	22,0	20,6	18,8				
65-125A	10	7,5	8,8	14,4	24,6	25,2	25,2	25,1	25,1	25,0	24,9	24,9	24,7	24,5	24,2	23,9	23,5	23,0	22,0	20,6	18,8	16,8			
65-160C	12,5	9,2	10,1	16,8	28,9					30,6	30,5	30,3	30,0	29,6	29,1	28,5	27,9	27,2	25,3	22,9	20,2	17,5	16,0	13,9	
65-160B	15	11	12,7	20,6	33,2					35,1	35,0	34,9	34,6	34,3	33,8	33,3	32,8	32,1	30,4	28,2	25,5	22,5	21,4	20,4	
65-160A	20	15	17,1	28,5	40,1					42,5	42,5	42,5	42,3	42,1	41,8	41,4	41,0	40,4	38,9	37,1	35,3	32,8	31,7	30,9	
65-200C	20	15	17,0	28,3	44,4								46,1	45,4	44,7	44,0	43,2	42,4	40,3	37,5	33,7	28,9	26,8		
65-200B	25	18,5	21,2	34,8	51,7								53,9	53,4	52,7	52,0	51,3	50,4	48,6	45,9	43,0	39,4	37,1	34,6	
65-200A	30	22	25,4	41,7	60,3								61,8	61,4	61,0	60,4	59,8	59,1	57,1	54,6	51,6	48,3	46,5	44,4	
65-250B	40	30	30,8	55,3	80,6								80,6	79,5	78,4	77,1	75,7	74,1	70,4	66,1	61,0	54,7	51,0	47,3	
65-250A	50	37	37,0	69,2	91,6								91,6	90,8	89,8	88,6	87,4	85,9	82,5	77,8	72,8	67,4	64,3	60,8	57,9

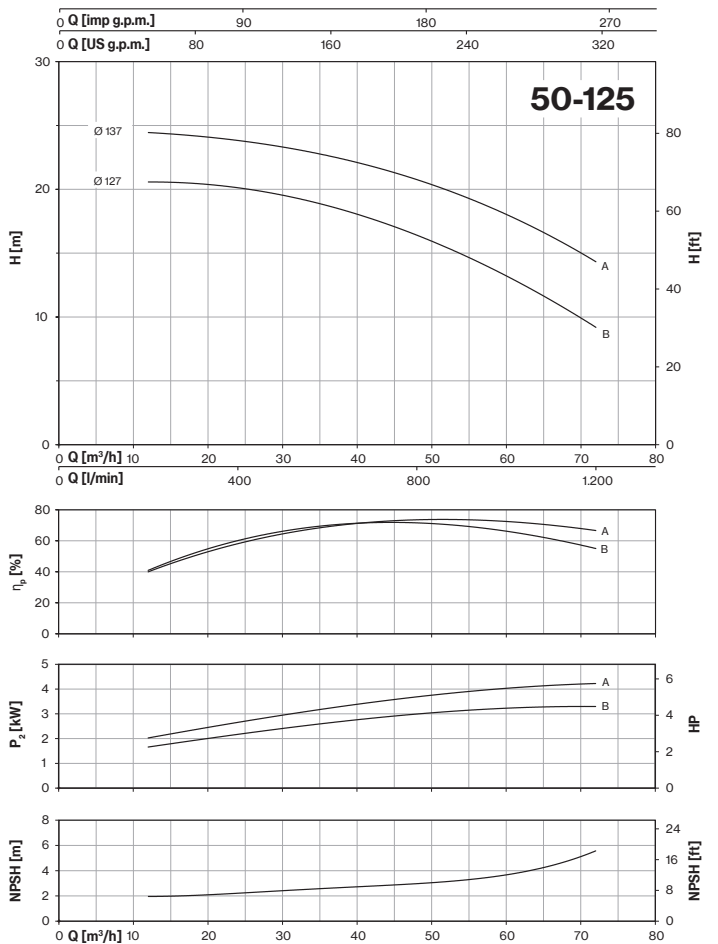
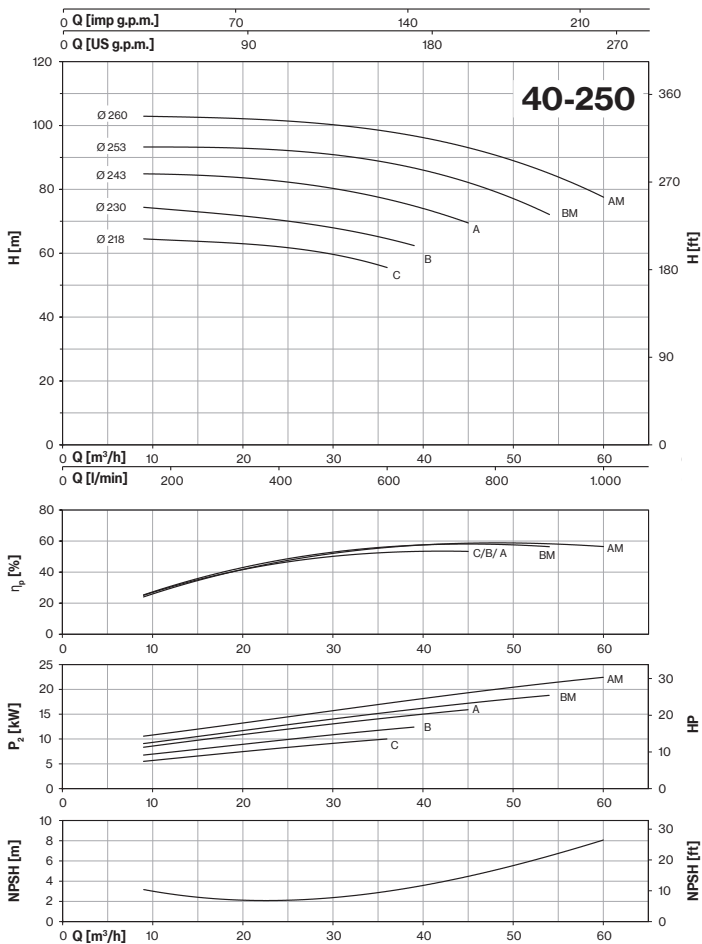
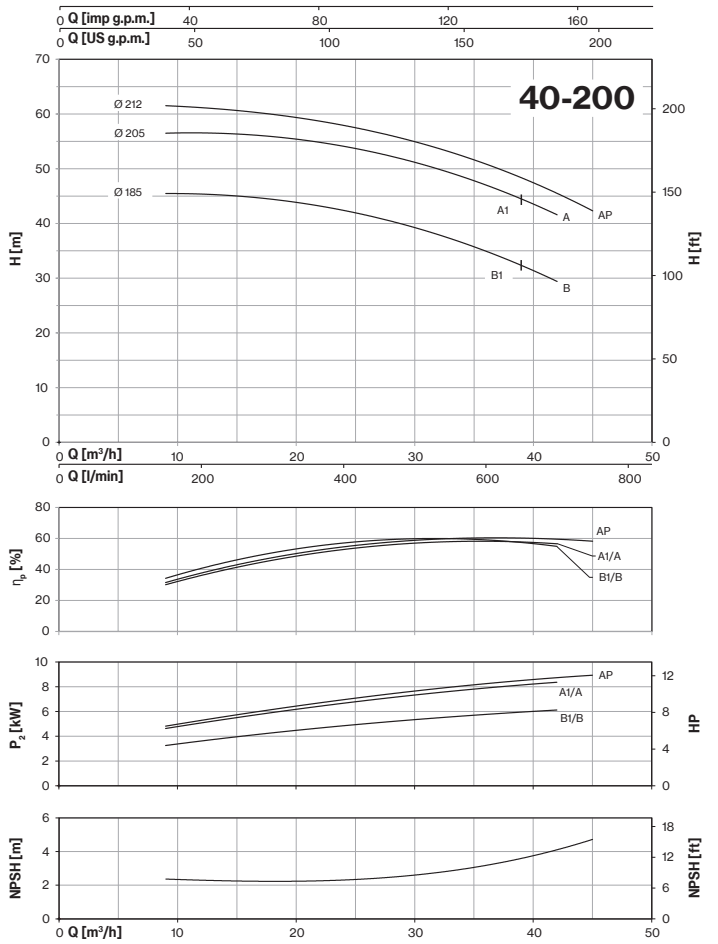
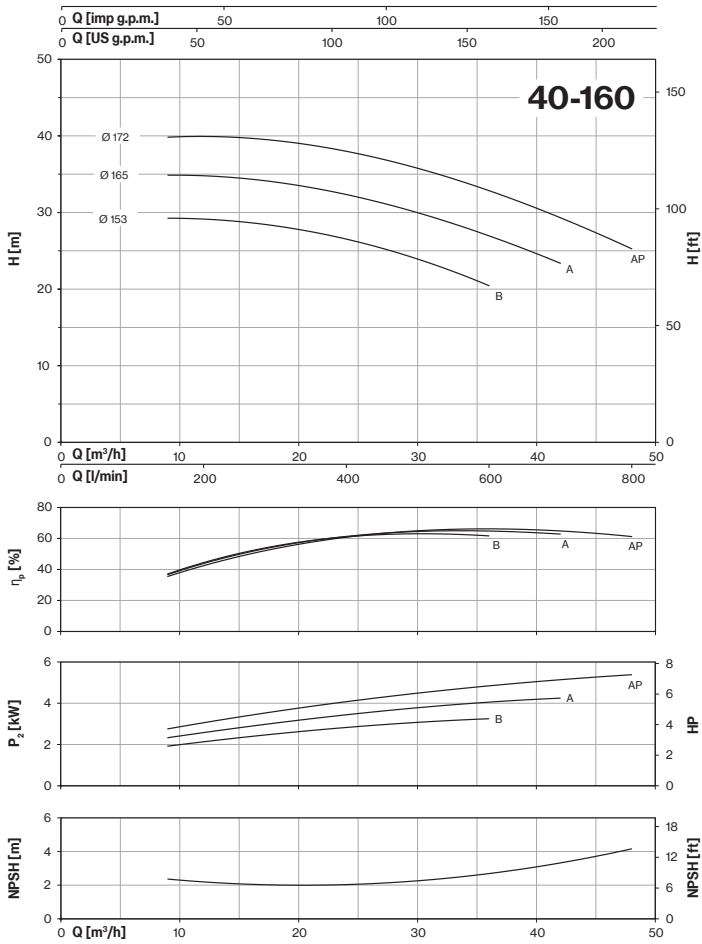
TYPE	P ₂ nom.		3-		Q (m ³ /h - l/min)																			
			P ₁ max kW	A 3x400V 50Hz	0	66	72	78	84	96	108	120	132	138	144	156	168	180	195	210	225	240		
	HP	kW			0	1100	1200	1300	1400	1600	1800	2000	2200	2300	2400	2600	2800	3000	3250	3500	3750	4000		
80-160E	12,5	9,2	9,8	16,3	21,5	22,9	22,5	22,1	21,6	20,8	19,9	18,9	17,7	17,2	16,6	15,3	13,7							
80-160D	15	11	12,2	20,0	25,4	27,3	27,0	26,6	26,3	25,4	24,5	23,5	22,4	21,8	21,2	19,9	18,3	16,4						
80-160C	20	15	14,5	24,5	29,0	30,9	30,7	30,4	30,1	29,4	28,5	27,4	26,3	25,8	25,3	24,1	22,5	20,7	18,4					
80-160B	25	18,5	18,1	30,3	33,6	35,9	35,7	35,4	35,2	34,5	33,7	32,9	32,0	31,6	31,1	30,0	28,6	27,0	24,5	22,0				
80-160A	30	22	22	37	38	40,5	40,4	40,2	40,1	39,6	39,1	38,4	37,5	37,1	36,6	35,4	34,1	32,6	30,4	28,3	23,9			
80-200B	40	30	32,0	57,2	50,4				54,5	53,9	53,2	52,3	51,3	50,7	50,2	48,9	47,4	45,8	43,4	40,9	38,5			
80-200A	50	37	38,6	71,6	57,3				61,7	61,3	60,6	59,4	58,2	57,8	57,5	56,8	55,4	53,7	51,5	49,1	46,6	43,9		

TYPE	P ₂ nom.		3-		Q (m ³ /h - l/min)																			
			P ₁ max kW	A 3x400V 50Hz	0	96	108	120	132	138	144	156	168	180	195	210	225	240	270	300	330			
	HP	kW			0	1600	1800	2000	2200	2300	2400	2600	2800	3000	3250	3500	3750	4000	4500	5000	5500			
100-160B	40	30	31,9	57,1	41,7	40,7	40,8	40,7	40,4	40,3	40,1	39,6	39,1	38,5	37,8	37,0	36,1	35,0	32,3	29,2	25,7			
100-160A	50	37	37,5	70,2	46,0	45,1	45,2	45,1	44,9	44,8	44,7	44,3	43,9	43,3	42,7	42,0	41,1	40,2	37,9	35,0	31,9			

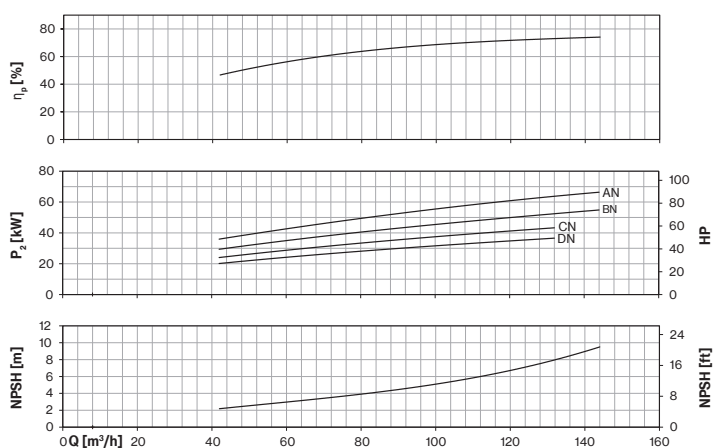
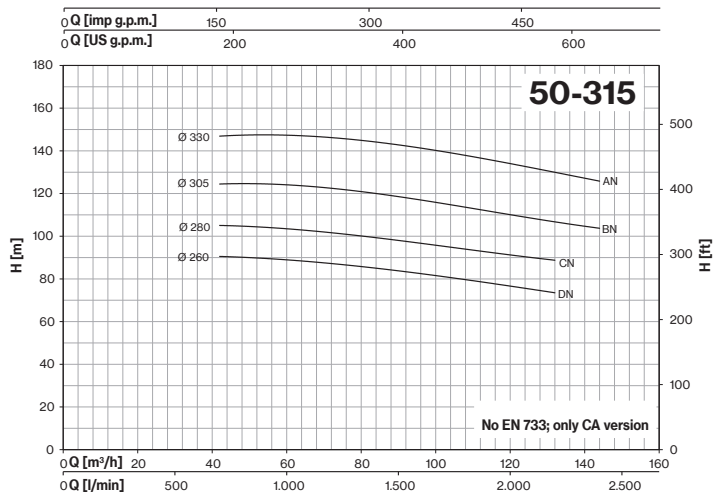
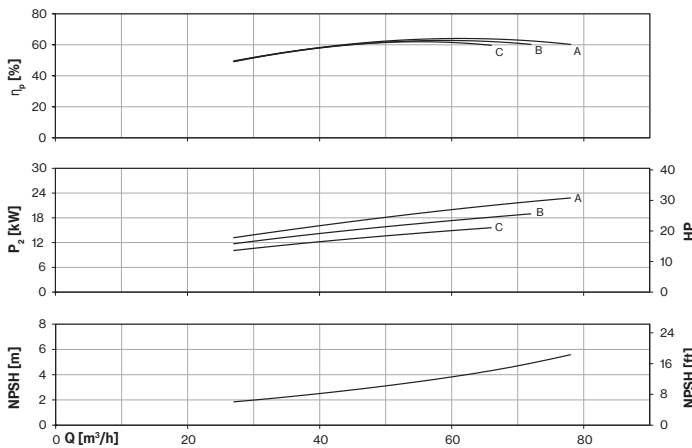
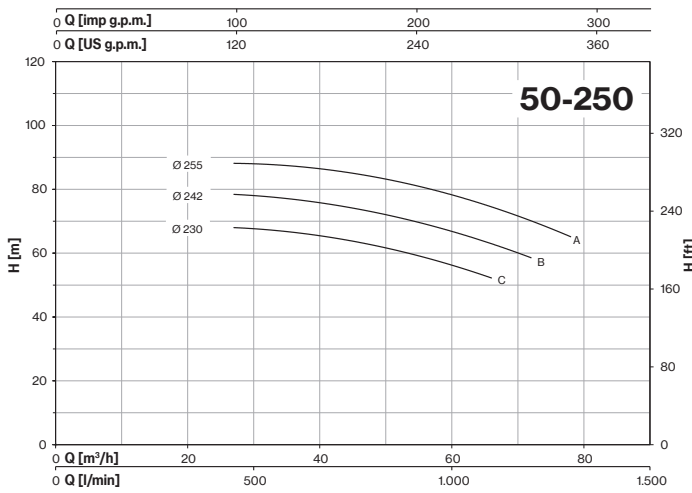
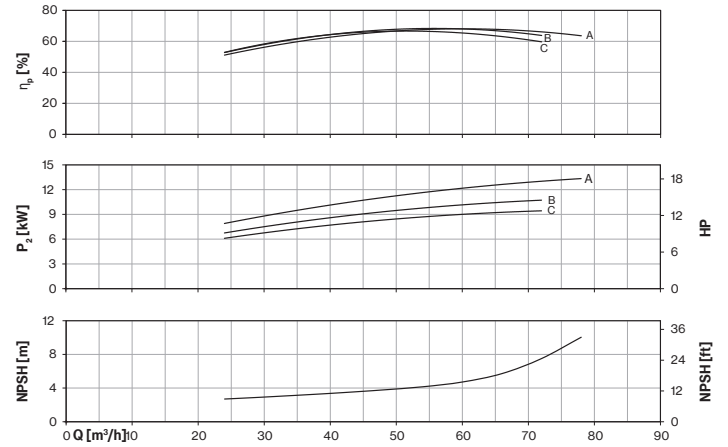
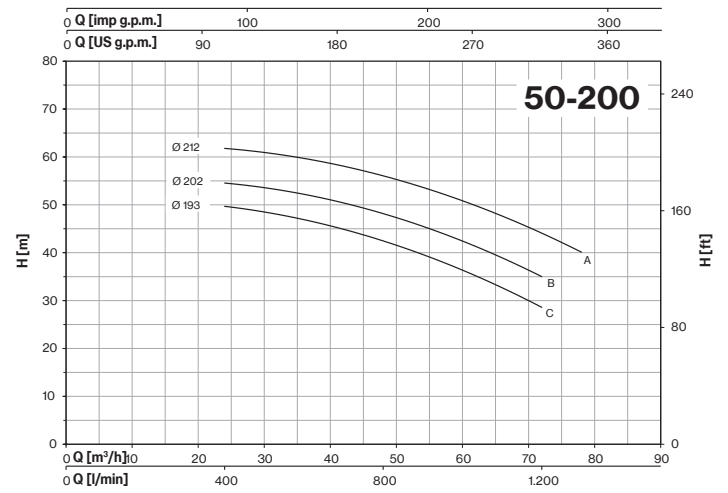
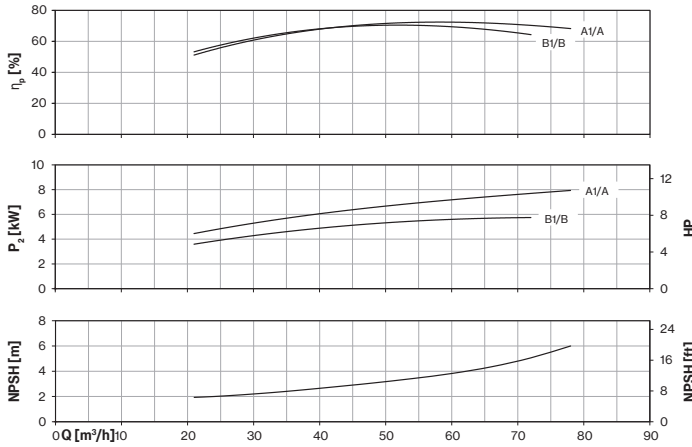
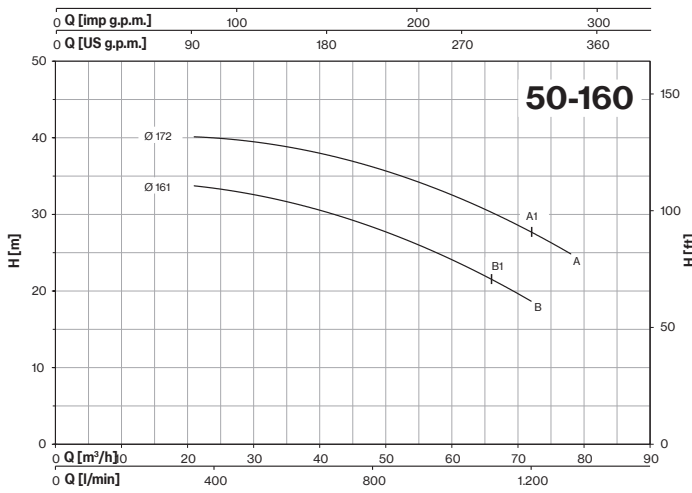


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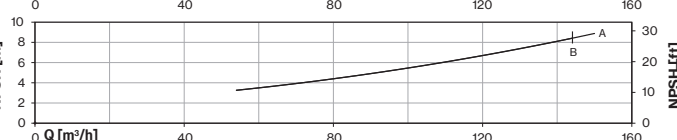
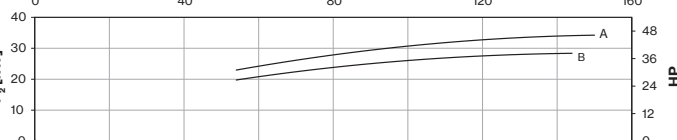
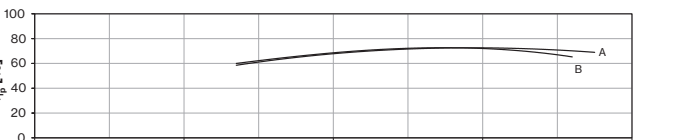
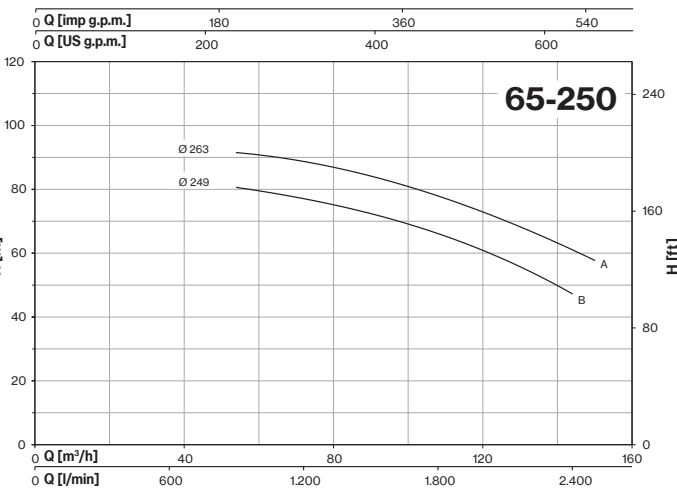
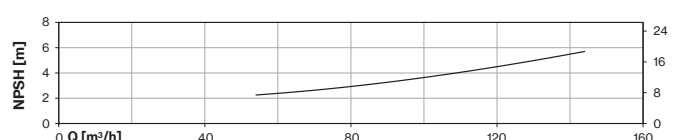
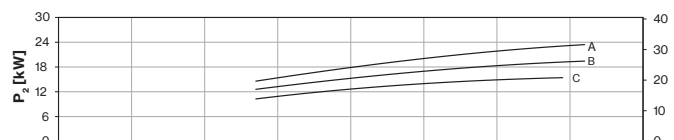
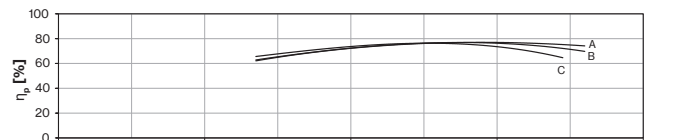
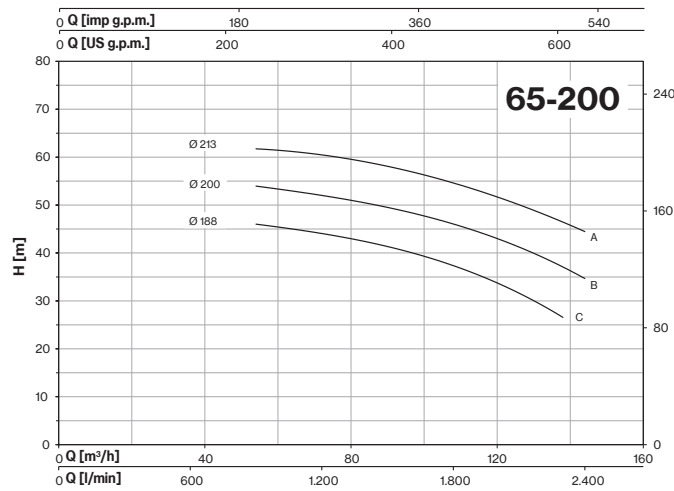
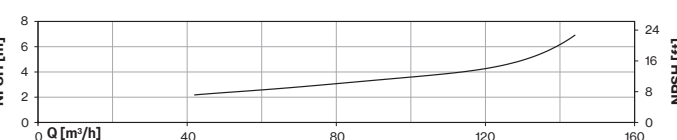
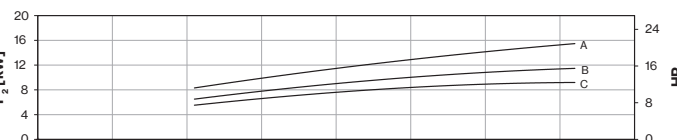
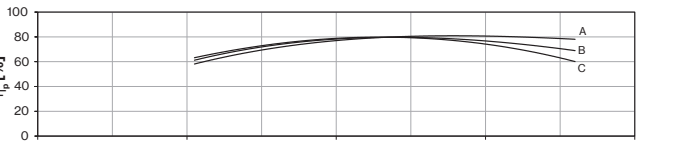
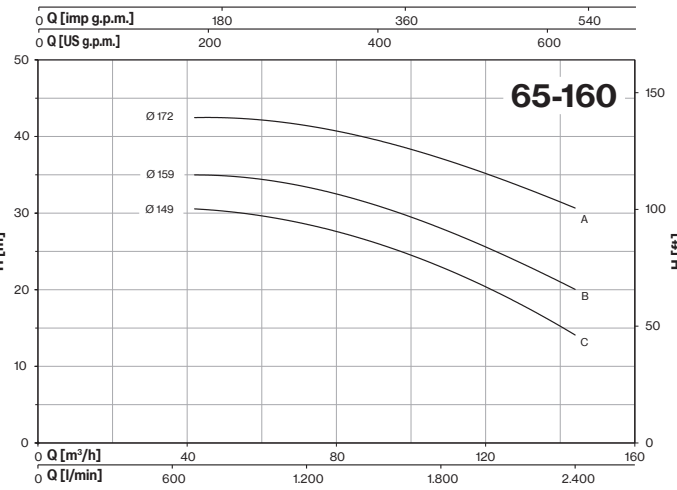
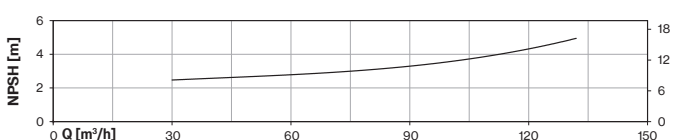
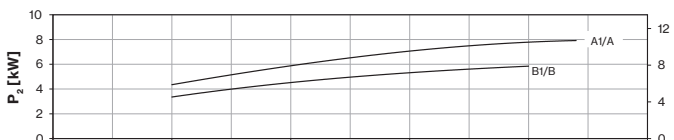
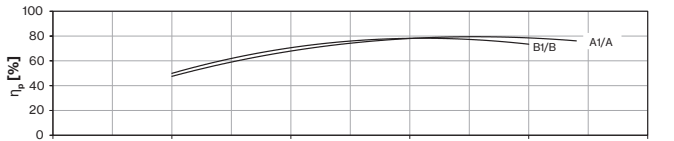
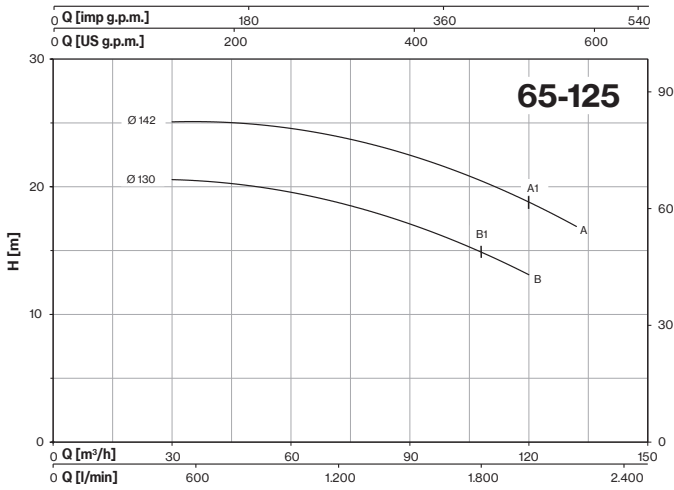




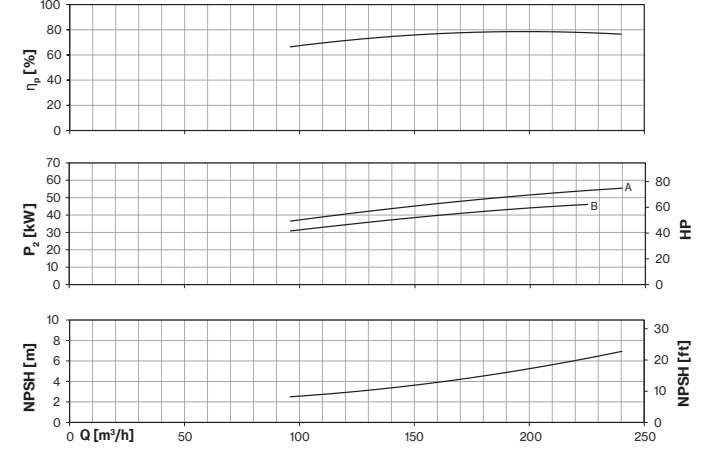
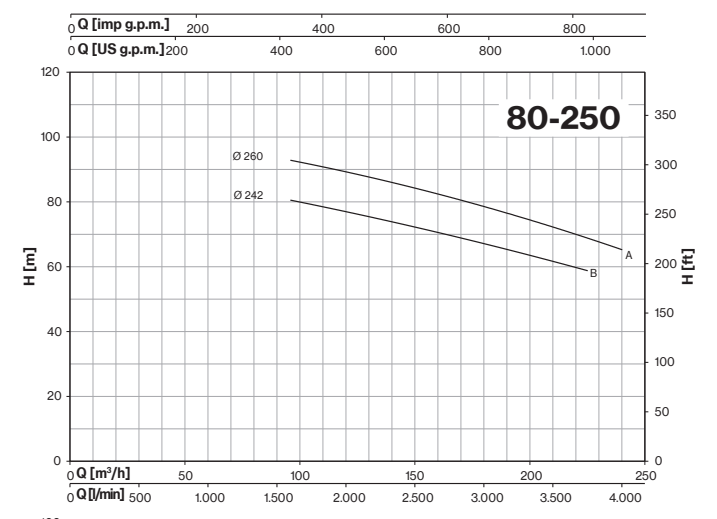
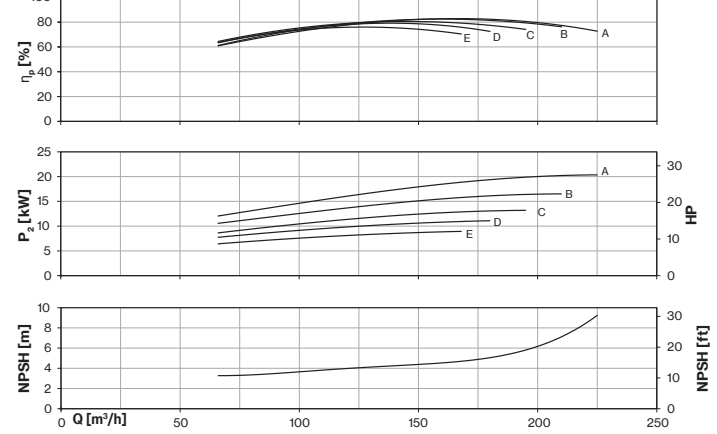
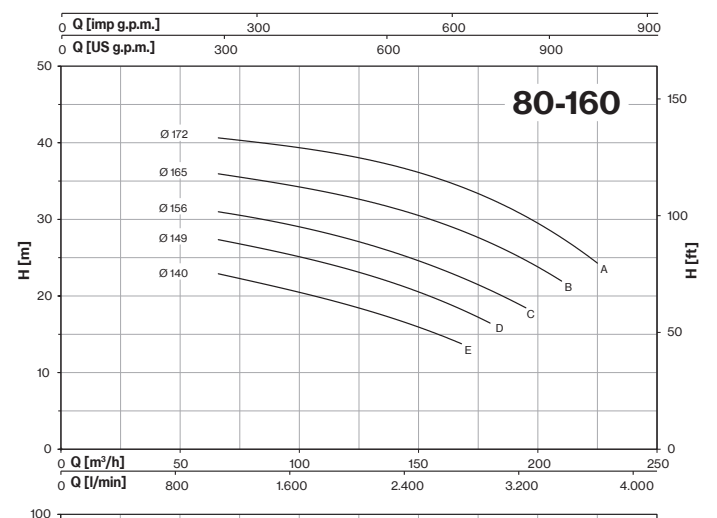
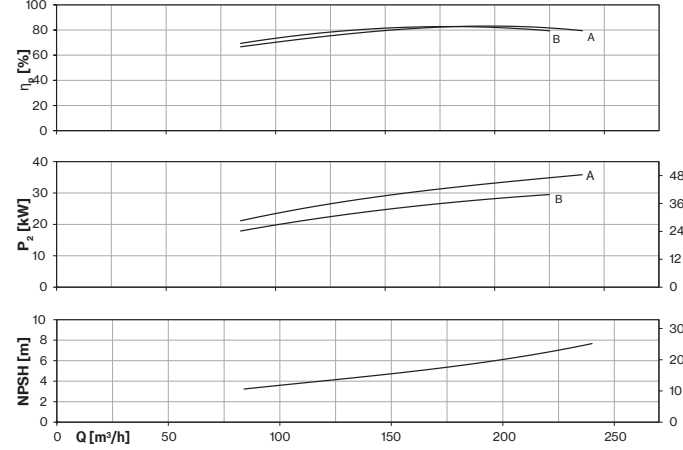
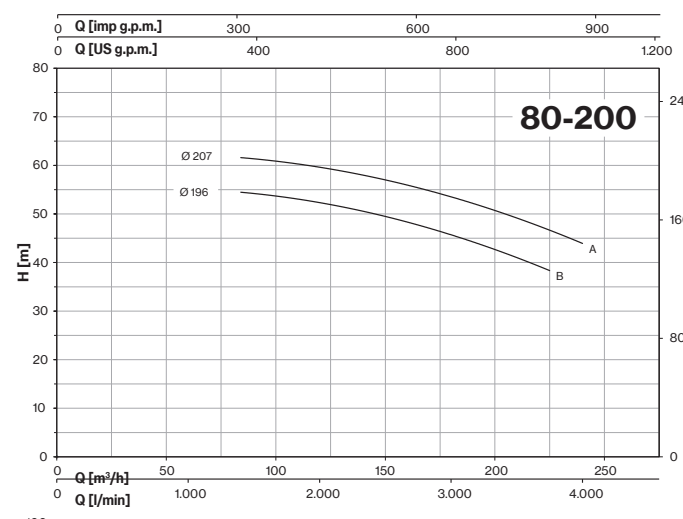
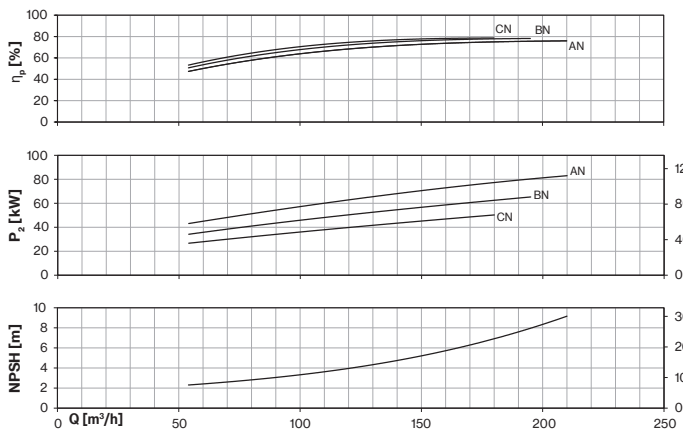
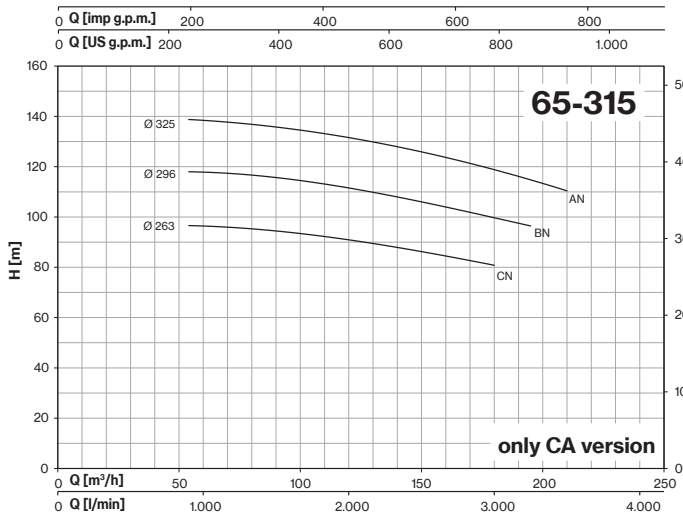
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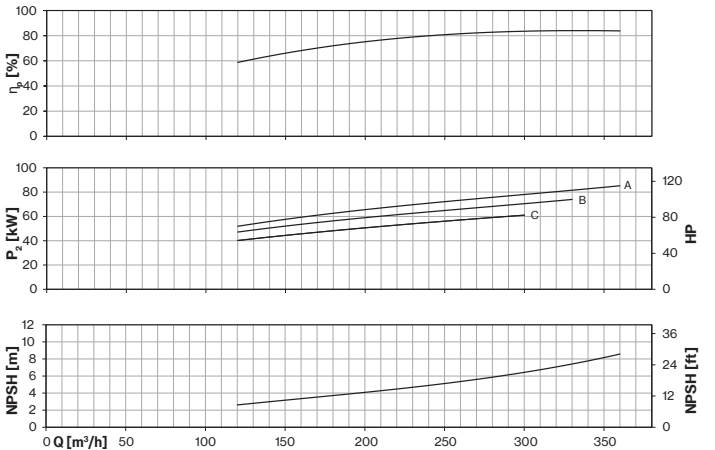
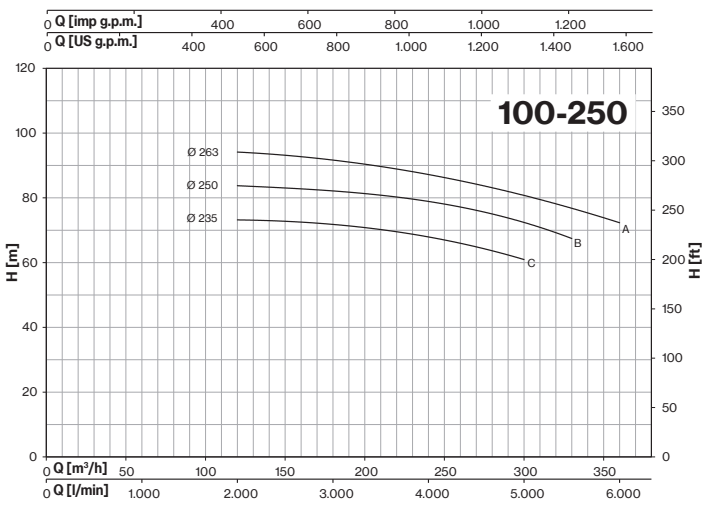
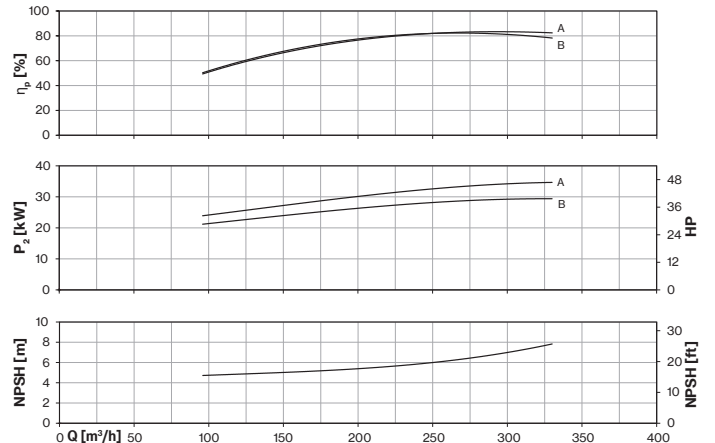
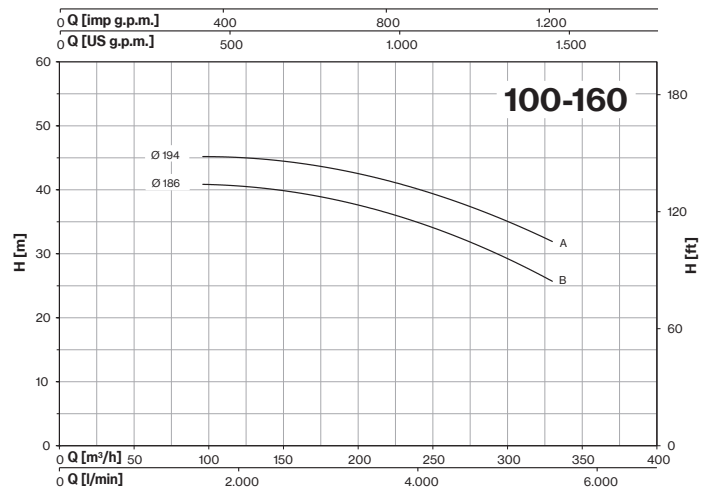
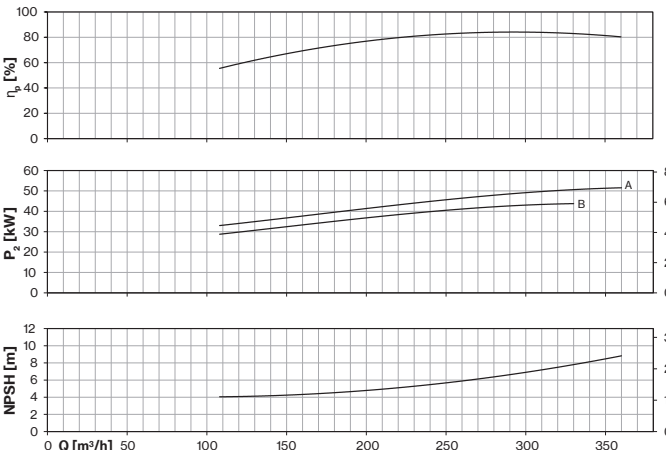
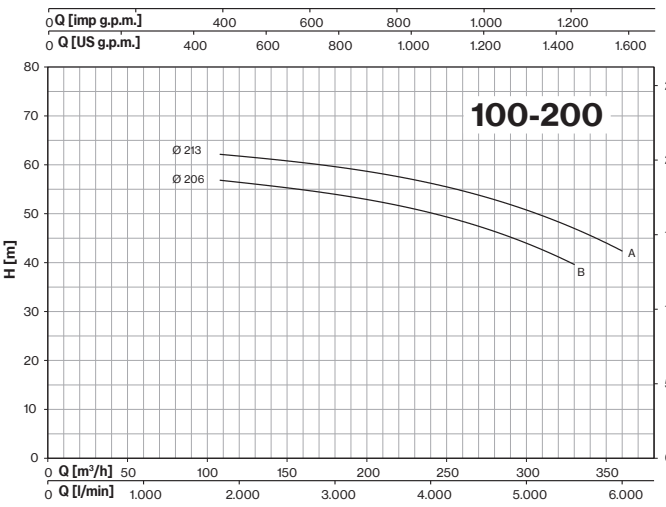
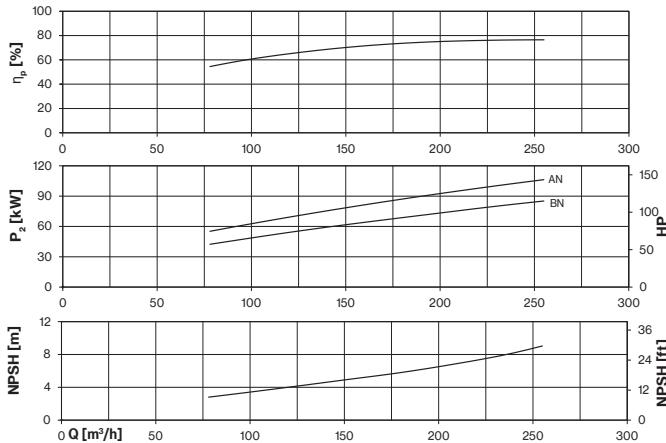
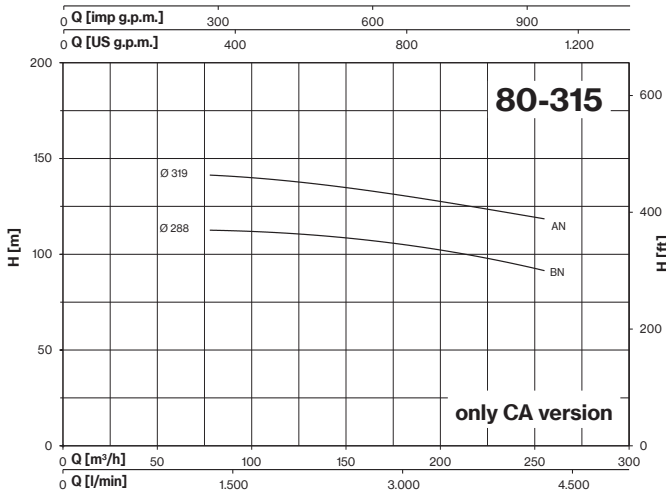
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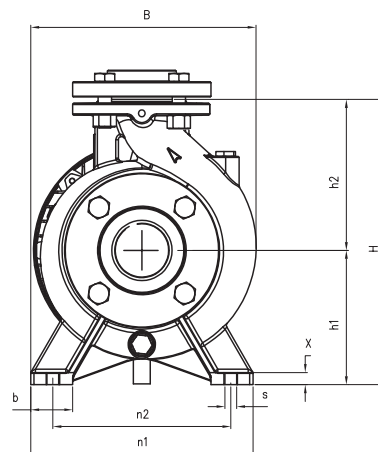
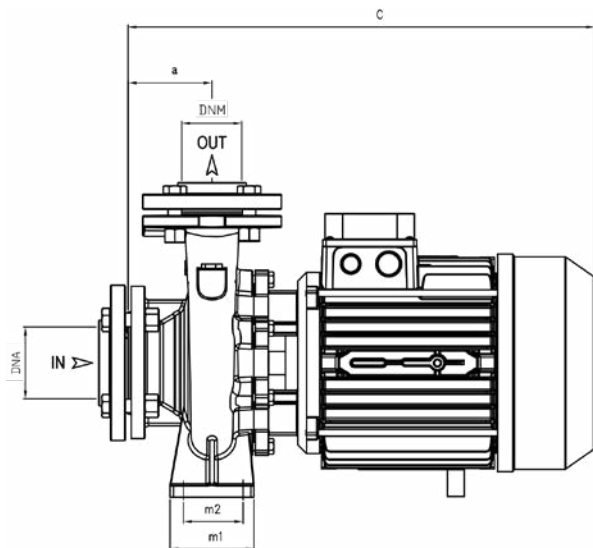


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CM-CMG-CMGX-CA-CAX ~ EN 733

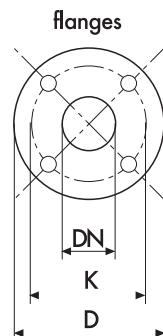





MEC	3~ TYPE	1~ TYPE	DIMENSIONS (mm)															M			Kg
			DNA	DNM	a	h1	h2	m1	m2	n1	n2	b	x	s	C	B	H	I	L	M	
90	32-160 C	32-160 C	50	32	80	132	160	100	70	240	190	50	12	14	530	240	292	551	250	341	41
90	32-160 B	32-160 B			80	132	160	100	70	240	190	50	12	14	530	240	292	551	250	341	44
90	32-160 A				80	132	160	100	70	240	190	50	12	14	530	240	292	551	250	341	47
112		32-200 C			80	160	180	100	70	240	190	50	12	14	574	268	340	602	263	395	65,5
100	32-200 C				80	160	180	100	70	240	190	50	12	14	540	268	340	602	263	395	56,5
112	32-200 B1				80	160	180	100	70	240	190	50	12	14	520	268	340	627	287	408	65,5
132	32-200 B				80	160	180	100	70	240	190	50	12	14	565	268	340	627	287	408	72
112	32-200 A1				80	160	180	100	70	240	190	50	12	14	520	268	340	627	287	408	72
132	32-200 A				80	160	180	100	70	240	190	50	12	14	565	268	340	627	287	408	79
132	32-250 C				100	180	225	125	95	320	250	65	12	14	625	305	405	666	346	471	101,5
132	32-250 B				100	180	225	125	95	320	250	65	14	14	625	305	405	666	346	471	105,5
160	32-250 A				100	180	225	125	95	320	250	65	14	14	695	305	405	810	354	480	135,5
90	40-125 C	40-125 C	65	40	80	112	140	100	70	210	160	50	12	14	535	220	252	551	250	341	41,5
90	40-125 B	40-125 B			80	112	140	100	70	210	160	50	12	14	535	220	252	551	250	341	44
90	40-125 A				80	112	140	100	70	210	160	50	12	14	535	220	252	551	250	341	47,5
100		40-160 B			80	132	160	100	70	240	190	50	12	14	535	245	292	551	250	341	56
100	40-160 B				80	132	160	100	70	240	190	50	12	14	535	245	292	551	250	341	52
112		40-160 A			80	132	160	100	70	240	190	50	15	14	579	245	292	602	263	395	64,5
100	40-160 A				80	132	160	100	70	240	190	50	15	14	535	245	292	602	263	395	56,5
112	40-160 AP				80	132	160	100	70	240	190	50	15	14	579	245	292	627	287	408	63
112	40-200 B1				100	160	180	100	70	265	212	50	15	14	597	273	340	627	287	408	68
132	40-200 B				100	160	180	100	70	265	212	50	15	14	590	273	340	627	287	408	74,5
112	40-200 A1				100	160	180	100	70	265	212	50	15	14	597	273	340	627	287	408	74
132	40-200 A				100	160	180	100	70	265	212	50	15	14	590	273	340	627	287	408	81
132	40-200 AP				100	160	180	100	70	265	212	50	15	14	628	273	340	666	346	471	93,5
132	40-250 C				100	180	225	125	95	320	250	65	15	14	630	322	405	666	346	471	100,5
132	40-250 B				100	180	225	125	95	320	250	65	15	14	630	322	405	666	346	471	105
160	40-250 A				100	180	225	125	95	320	250	65	15	14	700	322	405	810	354	480	135
132	40-250 BM				100	180	225	125	95	320	250	65	15	14	750	332	405	810	354	480	150
160	40-250 AM				100	180	225	125	95	320	250	65	15	14	750	332	405	810	354	480	160,5
100		50-125 B			100	132	160	100	70	240	190	50	12	14	525	250	292	602	263	395	57,5
100	50-125 B				100	132	160	100	70	240	190	50	12	14	560	250	292	602	263	395	53,5
112		50-125 A	100	132	160	100	70	240	190	50	12	14	610	250	292	602	263	395	65,5		
100	50-125 A		100	132	160	100	70	240	190	50	12	14	560	250	292	602	263	395	57,5		
112	50-160 B1		100	160	180	100	70	265	212	50	12	14	597	270	340	627	287	408	68,5		
132	50-160 B		100	160	180	100	70	265	212	50	12	14	590	270	340	627	287	408	74,5		
112	50-160 A1		100	160	180	100	70	265	212	50	12	14	597	270	340	627	287	408	74,5		
132	50-160 A		100	160	180	100	70	265	212	50	12	14	590	270	340	627	287	408	81		
132	50-200 C		100	160	200	100	70	265	212	50	12	14	635	290	360	666	346	471	98		
132	50-200 B		100	160	200	100	70	265	212	50	12	14	635	290	360	666	346	471	102,5		
160	50-200 A		100	160	200	100	70	265	212	50	12	14	705	290	360	810	354	480	132,5		
160	50-250 C		100	180	225	125	95	320	250	65	14	14	705	332	405	810	354	480	139		
160	50-250 B		100	180	225	125	95	320	250	65	14	14	750	332	405	810	354	480	154		
160	50-250 A		100	180	225	125	95	320	250	65	14	14	750	332	405	810	354	480	164		


MEC	3- TYPE	1- TYPE	DIMENSIONS (mm)																		
			DNA	DNM	a	h1	h2	m1	m2	n1	n2	b	x	s	C	B	H			I	L
112	65-125 B1		80	65	100	160	180	125	95	280	212	65	14	14	612	280	340	627	287	408	70
132	65-125 B				100	160	180	125	95	280	212	65	14	14	605	280	340	627	287	408	76,5
112	65-125 A1				100	160	180	125	95	280	212	65	14	14	612	280	340	627	287	408	76,5
132	65-125 A				100	160	180	125	95	280	212	65	14	14	605	280	340	627	287	408	83
132	65-160 C				100	160	200	125	95	280	212	65	14	14	635	290	360	666	346	471	99,5
132	65-160 B				100	160	200	125	95	280	212	65	14	14	635	290	360	666	346	471	103,5
160	65-160 A				100	160	200	125	95	280	212	65	14	14	705	290	360	810	354	480	135
160	65-200 C				100	180	225	125	95	320	250	65	14	14	705	330	405	810	354	480	138,5
160	65-200 B				100	180	225	125	95	320	250	65	14	14	750	330	405	810	354	480	153
160	65-200 A				100	180	225	125	95	320	250	65	14	14	750	330	405	810	354	480	163,5
180	65-250 B				100	200	250	160	120	360	280	80	16	19	820	370	450	920	420	625	203,5
180	65-250 A				100	200	250	160	120	360	280	80	16	19	860	370	450	920	420	625	226
132	80-160 E		100	80	125	180	225	125	95	320	250	65	14	14	665	330	405	810	354	480	110
132	80-160 D				125	180	225	125	95	320	250	65	14	14	665	330	405	810	354	480	114
160	80-160 C				125	180	225	125	95	320	250	65	14	14	735	330	405	810	354	480	143
160	80-160 B				125	180	225	125	95	320	250	65	14	14	780	330	405	810	354	480	157,5
160	80-160 A				125	180	225	125	95	320	250	65	14	14	780	330	405	810	354	480	168
180	80-200 B				125	180	250	125	95	345	280	65	16	14	840	355	430	920	420	625	200
180	80-200 A				125	180	250	125	95	345	280	65	16	14	880	355	430	920	420	625	222
180	100-160 B				125	100	125	200	280	160	120	360	280	80	18	18	842	390	480	920	420
180	100-160 A		125	200			280	160	120	360	280	80	18	18	882	390	480	920	420	625	230,5

DIMENSIONS (mm)				
DN	D	K	holes	
			n°	Ø
32	140	100	4	18
40	150	110	4	18
50	165	125	4	18
65	185	145	4	18
80	200	160	8	18
100	220	180	8	18
125	250	210	8	18



CM Serie-Mechanical seal and bearings

MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL			
	CM32-160C, CM32-160B, CM32-160A, CM40-125C, CM40-125B, CM40-125A	20mm	Rotating face Stationary face Elastomer	Ceramic Graphite NBR	Ceramic Graphite EPDM	- - -	SiC SiC EPDM	SiC SiC FKM
	CM40-250BM, CM40-250AM	28mm	Rotating face Stationary face Elastomer	Ceramic Graphite EPDM	- - -	- - -	SiC SiC EPDM	SiC SiC FKM
	CM32-200C, CM32-200B1, CM32-200B, CM32-200A1, CM32-200A, CM32-250C, CM32-250B, CM32-250A, CM40-160B, CM40-160A, CM40-160AP, CM40-200B1, CM40-200B, CM40-200A1, CM40-200A, CM40-200AP, CM40-250C, CM40-250B, CM40-250A, CM50-125B, CM50-125A, CM50-160B1, CM50-160B, CM50-160A1, CM50-160A, CM50-200C, CM50-200B, CM50-200A, CM50-250C, CM50-250B, CM50-250A, CM65-125B1, CM65-125B, CM65-125A1, CM65-125A, CM65-160C, CM65-160B, CM65-160A, CM65-200C, CM65-200B, CM65-200A, CM80-160E, CM80-160D, CM80-160C, CM80-160B, CM80-160A	28mm	Rotating face Stationary face Elastomer	Ceramic Graphite NBR	Ceramic Graphite EPDM	Ceramic Graphite FKM	SiC SiC EPDM	SiC SiC FKM
	CM65-250B, CM65-250A, CM80-200B, CM80-200A, CM100-160B, CM100-160A	40mm	Rotating face Stationary face Elastomer	CrNi-steel Graphite NBR	CrNi-steel Graphite EPDM	CrNi-steel Graphite FKM	SiC SiC EPDM	SiC SiC FKM

BEARINGS	PUMP MODEL	TYPE	
	3-CM32-200C, CM40-160B, 3-CM40-160A, CM50-125B, 3-CM50-125A	6204-ZZ	6206-ZZ C3
	CM32-160C, CM32-160B, CM32-160A, CM40-125C, CM40-125B, CM40-125A	6205-ZZ C3	6203-ZZ
	1-CM32-200C, CM32-200B1, CM32-200B, CM32-200A1, CM32-200A, CM32-250C, CM32-250B, 1-CM40-160A, CM40-160AP, CM40-200B1, CM40-200B, CM40-200A1, CM40-200A, CM40-200AP, CM40-250C, CM40-250B, 1-CM50-125A, CM50-160B1, CM50-160B, CM50-160A1, CM50-160A, CM50-200C, CM50-200B, CM65-125B1, CM65-125B, CM65-125A1, CM65-125A, CM65-160C, CM65-160B, CM80-160E, CM80-160D	6206-ZZ C3	6306-ZZ C3
	CM32-250A, CM40-250A, CM40-250BM, CM40-250AM, CM50-200A, CM50-250C, CM50-250B, CM50-250A, CM65-160A, CM65-200C, CM65-200B, CM65-200A, CM80-160C, CM80-160B, CM80-160A	6308-ZZ C3	6309-ZZ C3
	CM65-250B, CM65-250A, CM80-200B, CM80-200A, CM100-160B, CM100-160A	6309-ZZ C3	6310-ZZ C3