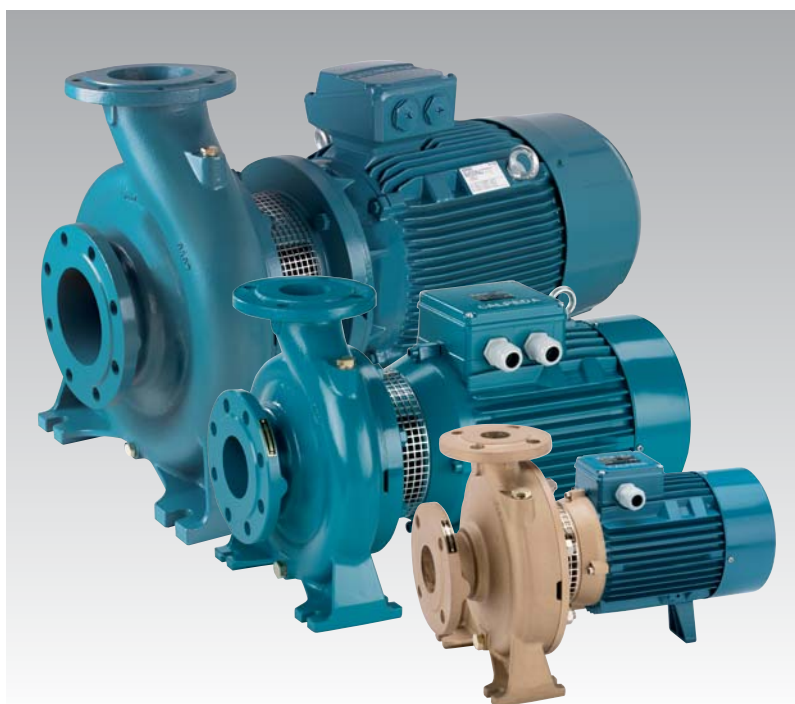


NM, NMS

Close Coupled Centrifugal Pumps with flanged connections



The electropumps NM, B-NM, NMS, B-NMS series comply with the European Regulation no. 547/2012.

Materials

Components	NM, NMS	B-NM, B-NMS
Pump casing	Cast iron	Bronze
Lantern bracket NM	GJL 200 EN 1561	G-Cu Sn 10 EN 1982
Casing cover for NMS		
Lantern bracket NMS	Cast iron GJL 200 EN 1561	
Impeller	Cast iron GJL 200 EN 1561	Bronze G-Cu Sn 10 EN 1982
	Brass P- Cu Zn 40 Pb 2 UNI 5705 for NM 32/12-16-20, NM 40/20, B-NM 32/125-160-200, B-NM 40/200	
Shaft	AISI 303 up to 2.2 kW AISI 430 from 3 kW to 75 kW	Cr Ni Mo steel AISI 316
Mechanical seal	Carbon - Ceramic - NBR	
Counter-flanges	Steel Fe 430B UNI 7070	

Construction

Close-coupled centrifugal pumps; electric motor with extended shaft directly connected to the pump up to 22 kW, new bracket construction for standard motors (stub-shaft construction) from 30 to 75 kW with integrated thrust bearing.

Pump casing with axial suction and radial delivery on top, main dimensions and performance according to EN 733.

NM(S): version with pump casing and lantern bracket in cast iron. B-NM(S): version with pump casing and lantern bracket/casing cover in bronze. (the pumps are supplied fully painted).

Connections: Flanges according to PN 10, EN 1092-2.

Counter-flanges (on request)

Sizes	Flanges
from NM 32/.. to NM 50/...	Screwed flanges EN 1092-1, PN 16
from NM 65/.. to NMS 100/...	Flanges for welding EN 1092-1, PN 10

Applications

For clean liquids without abrasives, which are non-aggressive for the pump materials (solids content up to 0,2%).

For water supply.

For heating, air conditioning, cooling and circulation plants.

For civil and industrial applications.

For fire fighting applications. For irrigation.

Operating conditions

Liquid temperature from -10 °C to +90 °C.

Ambient temperature up to 40° C.

Total suction lift up to 7 m.

Maximum permissible working pressure up to 10 bar (16 bar for NM 65/12, NM 65/16 and NM 80/16).

Continuous duty.

Motor

2-pole induction motor, 50 Hz ($n \approx 2900$ rpm).

NM, NMS: three-phase 230/400 V $\pm 10\%$ up to 3 kW;

400/690 V $\pm 10\%$ from 4 to 75 kW.

Insulation class F. Protection IP 54 (IP 55 for NMS).

Motor suitable for operation with frequency converter from 2.2 kW.

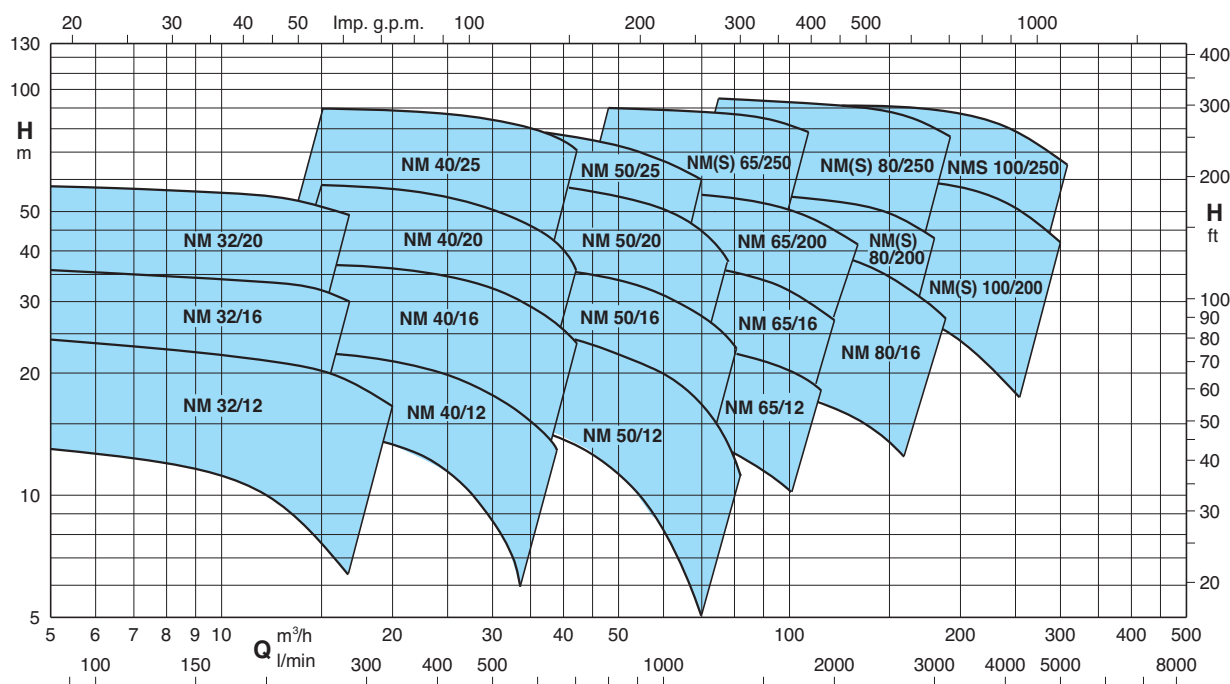
Classification scheme IE2 for three-phase motors from 0,75 kW to 5,5 kW, IE3 from 7,5 kW.

Constructed in accordance with: EN 60034-1; EN 60034-30.

Special features on request

- Other voltages. - Frequency 60 Hz (as per 60 Hz data sheet).
- Protection IP 55.- Special mechanical seal.
- Packed gland (only for NM standard construction).
- Single-phase motor (NMM) up to 1,5 kW.
- Explosion proof construction in accordance with Directive 94/9 EEC (ATEX).
- Higher or lower liquid or ambient temperatures.
- Motor suitable for operation with frequency converter up to 1,5 kW.

Coverage chart $n \approx 2900$ rpm



Performance n ≈ 2900 rpm

B-NM	NM	P ₂		Q m³/h l/min	6,6	7,5	8,4	9,6	10,8	12	13,2	15	16,8	18,9	21	24	27	30
		kW	HP		110	125	140	160	180	200	220	250	280	315	350	400	450	500
B-NM 32/12F	NM 32/12FE	0,55	0,75	H m	12,5	12,5	12	11,5	11	10	9	7,5						
B-NM 32/12D	NM 32/12DE	0,75	1		18	18	17,5	17	16,5	16	15,5	14						
B-NM 32/12A	NM 32/12AE	1,1	1,5		23	23	22,5	22	21,5	21	20,5	19						
B-NM 32/12S	NM 32/12SE	1,5	2		23,5	23,5	23	22,5	22	21,5	21	20,5	19	18,5	16,5	13		
B-NM 32/16B	NM 32/16BE	1,5	2		29,5	29,5	29	28,5	27,5	27	26	25*	22,5*					
B-NM 32/16A/A	NM 32/16A/A	2,2	3		35,5	35,5	35	34,5	34	33,5	33	32*	30*					
B-NM 32/20D/A	NM 32/20D/A	2,2	3		38	37,5	37	36	35	33,5	32							
B-NM 32/20C/A	NM 32/20C/A	3	4		45	44,5	44	43,5	42,5	41	40	38	36					
B-NM 32/20A/A	NM 32/20A/A	4	5,5		57,5	57	56	55,5	55	54,5	53,5	51,5	49					

B-NM	NM	P ₂		Q m³/h l/min	15	16,8	18,9	21	24	27	30	33	37,8	39	42	45	48	54
		kW	HP		250	280	315	350	400	450	500	550	630	650	700	750	800	900
B-NM 40/12F	NM 40/12F/A	1,1	1,5	H m	14	13,5	13	12	11	9,5	8	6						
B-NM 40/12C	NM 40/12C/A	1,5	2		17,5	17	16,5	16	15	13,5	12	10,5	7,5	6,5				
B-NM 40/12A/A	NM 40/12A/B	2,2	3		22	22	21,5	21	20	19	18	16,5	14	13	11,5			
B-NM 40/16C/A	NM 40/16C/B	2,2	3		23	22,5	22	21,5	20	18,5	16,5	14,5	11	10				
B-NM 40/16B/A	NM 40/16B/B	3	4		29	28,8	28	27,5	26,5	25	23,5	21,5	18	17	14			
B-NM 40/16A/A	NM 40/16A/B	4	5,5		37	36,5	36,5	36	35	33,5	32	30,5	27	26	23,5	20	17	
B-NM 40/20D/A	NM 40/20D/A	4	5,5		39	38	37	35,5	33,5	30,5	27	22,5	14					
B-NM 40/20C/A	NM 40/20C/A	4	5,5		41,5	40,5	39,5	38	36	33,5								
B-NM 40/200B/A	NM 40/20B/A	5,5	7,5		50	49,5	48,5	47,5	45,5	43,5	41,5	37,5	30,5					
	NM 40/20AR/A	5,5	7,5		55	54,5	54	53	51	49								
B-NM 40/200A/A	NM 40/20A/A	7,5	10		57,5	57	56,5	55,5	54,5	52,5	50,5	48	42,5	40,5	35			
B-NM 4025/C/C	NM 40/25C/C	9,2	12,5		61	61	60,5	59,5	58,5	56,5	53,5	49,5	41,5	40	33,5			
B-NM 4025/B/C	NM 40/25B/C	11	15		69,5	69,5	69	68,5	67	65,5	63,5	60,5	53,5	51	45			
B-NM 4025/A/C	NM 40/25A/C	15	20		90	90	89,5	89	88,5	87	85	83	77,5	76	70,5			

B-NM	NM	P ₂		Q m³/h l/min	24	27	30	33	37,8	42	48	54	60	66	69	72	75	78	81	84
		kW	HP		400	450	500	550	630	700	800	900	1000	1100	1150	1200	1250	1300	1350	1400
B-NM 50/12F/A	NM 50/12F/B	2,2	3	H m			15,5	15	14	13,5	12	10	8	6						
B-NM 50/12D/A	NM 50/12D/B	3	4				20	19,5	18,5	18	16,5	14,5	13	10,5	9	8				
B-NM 50/12A/A	NM 50/12A/B	4	5,5				24	24	23	22,5	21	19,5	17,5	15	14	12,5	11,5	10		
B-NM 50/12S/A	NM 50/12S/B	4	5,5				26,5	26	25,5	24,5	23,5	22	20	18	16,5	15,5	14	13	11	
B-NM 50/160B/B	NM 50/16B/B	5,5	7,5				31	30,5	29,5	28	26	24	21,5	19	17,5	15,5	13,5	11,5	9,5	
B-NM 50/160A/B	NM 50/16A/B	7,5	10				38,5	38	37,5	36,5	34,5	32,5	30	27	25,5	24	22,5	20,5	19	
B-NM 50/200B/C	NM 50/20B/C	9,2	12,5		48	47,5	47,5	47	45,5	44,5	42,5	40	37	33	30,5	28	25,5	23		
B-NM 50/200A/C	NM 50/20A/C	11	15		55	55	54,5	54,5	53,5	52	50	48	45	41,5	39,5	37	35	32,5		
B-NM 50/200S/C	NM 50/20S/C	15	20		60	60	59,5	59,5	58,5	57,5	55,5	53,5	50,5	47	45	43	40,5	37		
B-NM 5025/C/C	NM 50/25C/C	11	15		55	54,5	54	53	51,5	49,5	46	41,5	35,5	28,5	24,5					
B-NM 5025/B/C	NM 50/25B/C	15	20		69	68,5	68	67,5	66	64	61	57	52,5	46,5	43					
B-NM 5025/A/C	NM 50/25A/C	18,5	25		80,5	80,5	80	79,5	78,5	77	74,5	71,5	67	61,5	58,5					

B-NM - B-NMS	NM - NMS	P ₂		Q m³/h l/min	37,8	42	48	54	60	66	75	84	96	108	120	132	150	168
		kW	HP		630	700	800	900	1000	1100	1250	1400	1600	1800	2000	2200	2500	2800
	NM 65/12E/B	4	5,5	H m	16,5	16,4	16,2	15,9	15,5	15,1	14,3	13,2	11,4	9,2				
B-NM 65/125C/B	NM 65/12C/B	5,5	7,5		21,1	21	20,8	20,6	20,3	19,9	19,1	18,2	16,5	14,4	11,8			
B-NM 65/125A/B	NM 65/12A/B	7,5	10		25,9	25,8	25,6	25,4	25,1	24,8	24,1	23,3	21,9	20	17,6			
B-NM 65/160D/B	NM 65/16D/B	7,5	10				24,3	24,1	23,9	23,6	23,1	22,3	20,8	18,8	16,3			
B-NM 65/160C/C	NM 65/16C/C	9,2	12,5				28,1	28,0	27,8	27,6	27,1	26,3	24,9	23,1	20,7	17,7		
B-NM 65/160B/C	NM 65/16B/C	11	15				32,6	32,5	32,3	32	31,5	30,8	29,5	27,9	25,7	23,0		
B-NM 65/160AR	NM 65/16AR	15	20				36,4	36,3	36,2	35,9	35,5	34,8	33,7	32,1	30,0	27,5		
B-NM 65/160A/C	NM 65/16A/C	15	20				40,5	40,4	40,2	40	39,5	38,8	37,6	36,1	34,2	31,7		
B-NM 65/200C/B	NM 65/20C/B	15	20				44	43,5	43	42,5	41	39,5	37,5	35	31	27*		
B-NM 65/200B/B	NM 65/20B/B	18,5	25				50	49,5	49	48,5	47,5	46,5	44,5	42	39	35*		
B-NM 65/200A/B	NM 65/20A	22	30				56,5	56	55,5	55	54,5	53,5	51	48,5	45,5	41,5*		
B-NM 65/250C/B	NM 65/25C	22	30				64	63,5	63	61,5	60	57,5	54,5*	50*				
B-NMS 65/250B	NMS 65/250B	30	40				79,5	79	78,5	78	77	75	72*	67*				
B-NMS 65/250A	NMS 65/250A	37	50				90	89,5	89	88,5	87,5	86	83,5*	78,5*				

NM, NMS

Close Coupled Centrifugal Pumps
with flanged connections



Performance n ≈ 2900 rpm

B-NM - B-NMS	NM - NMS	P ₂		Q m³/h l/min	75	84	96	108	120	132	150	168	180	192	210	240	270	300
		kW	HP		1250	1400	1600	1800	2000	2200	2500	2800	3000	3200	3500	4000	4500	5000
B-NM 80/160E/B	NM 80/16E/B	7,5	10	H m	21,5	20,9	19,9	18,7	17,4	15,9	13,4	10,6						
B-NM 80/160D/C	NM 80/16D/C	9,2	12,5		25,2	24,5	23,5	22,4	21,1	19,6	17,2	14,4						
B-NM 80/160C/C	NM 80/16C/C	11	15		28,7	28,2	27,4	26,4	25,1	23,8	21,3	18,5	16,4					
B-NM 80/160B/C	NM 80/16B/C	15	20		34,8	34,5	33,8	33	32,1	30,9	28,9	26,4	24,5	22,4				
B-NM 80/160A/C	NM 80/16A/C	18,5	25		39,9	39,6	39	38,2	37,4	36,4	34,5	32,2	30,3	28,1				
B-NMS 80/200B/A	NM 80/20B	22	30		46,5	46	45,5	44,5	43,5	42	39*	35,5*	32*					
B-NMS 80/200A/A	NMS 80/200A	30	40		56	55,5	55	54	53	52	49,5*	46*	43*					
B-NMS 80/250E/A	NM 80/25E	22	30		51	50	48,5	46,5	44,5	42	38*	33*	29*					
B-NMS 80/250D/A	NMS 80/250D	30	40		65	64	62,5	61	59	56,5	53*	49*	45,5*	41*				
B-NMS 80/250C	NMS 80/250C	37	50		73,5	73	72	70,5	69	67	63*	59*	55,5*	51,5*				
B-NMS 80/250B	NMS 80/250B	45	60		84	83,5	82,5	81,5	80	78	74,5*	70,5*	67*	63*				
B-NMS 80/250A	NMS 80/250A	55	75		95	94,5	93,5	92,5	91,5	90	87,5*	84*	80,5*	76,5*				
B-NMS 100/200E/A	NM 100/200E/B	18,5	25					30	29,5	29	28	27	26	25	23	19*		
B-NMS 100/200D/A	NM 100/20D	22	30					36	35,5	35	34	33	32	31	29	24,5*	19*	
B-NMS 100/200C/A	NMS 100/200C	30	40					45	44,5	44	43,5	42,5	41,5	40,5	39	34,5*	29*	22°
B-NMS 100/200B	NMS 100/200B	37	50					54	53,5	53	52,5	51,5	50,5	49,5	48	44*	38,5*	32°
B-NMS 100/200A	NMS 100/200A	45	60					61,5	61	60,5	60	59,5	58,5	58	56,5	53*	48*	42°
B-NMS 100/250B	NMS 100/250B	55	75					73,5	73	72,5	71,5	70	68,5	67	65	61*	55,5*	48,5°
B-NMS 100/250A	NMS 100/250A	75	100					91	90,5	90	89,5	88,5	88	87	85	81*	75*	67°

NM(S) Standard construction.

B-NM(S) Bronze construction.

P₂ Rated motor power output.

H Total head in m.

* Maximum suction lift 1-2 m.

◦ With 1 m suction head.

Tolerances according to UNI EN ISO 9906:2012

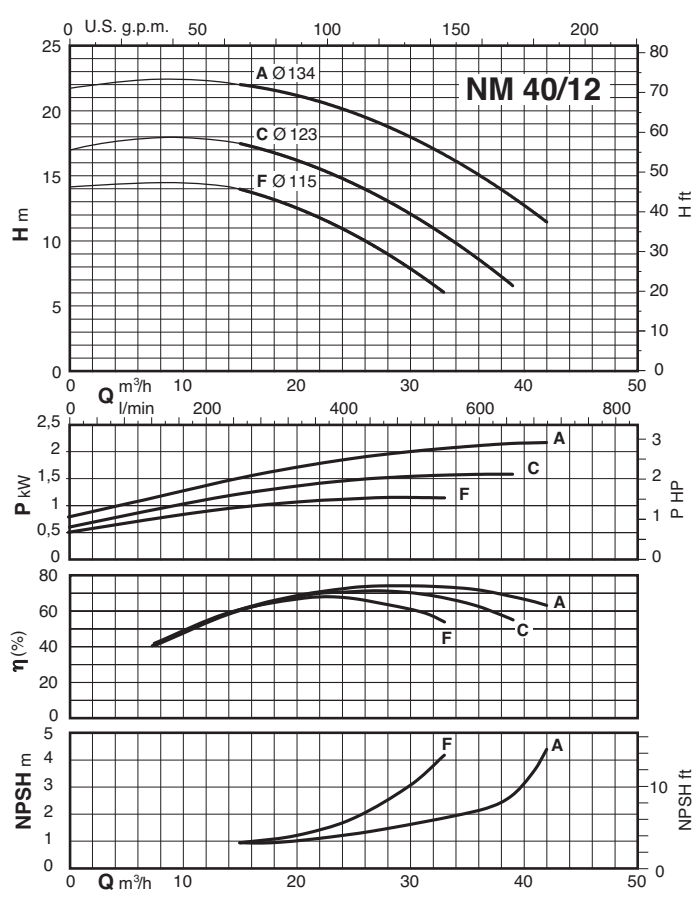
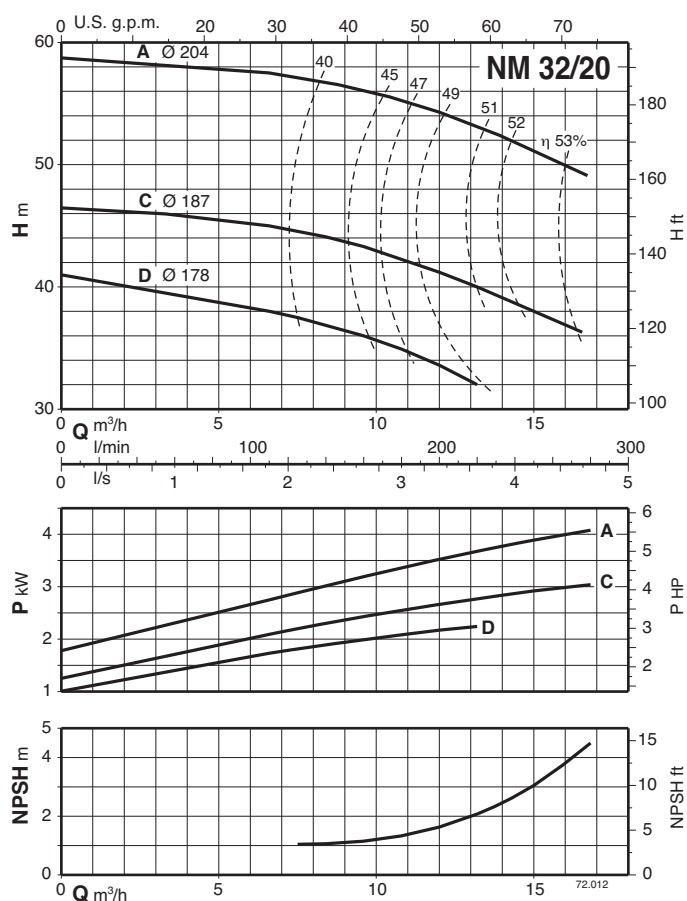
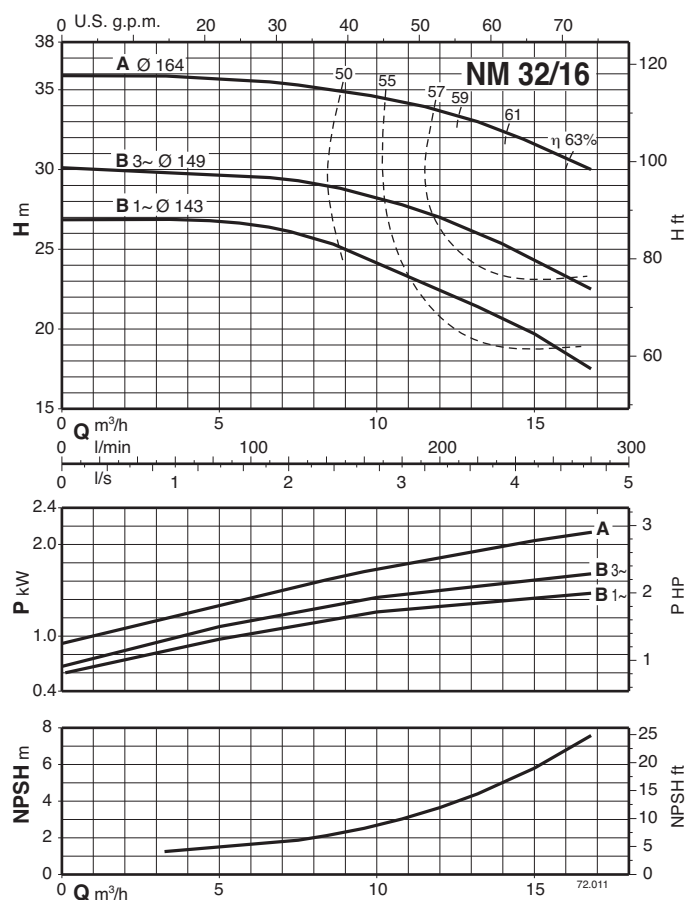
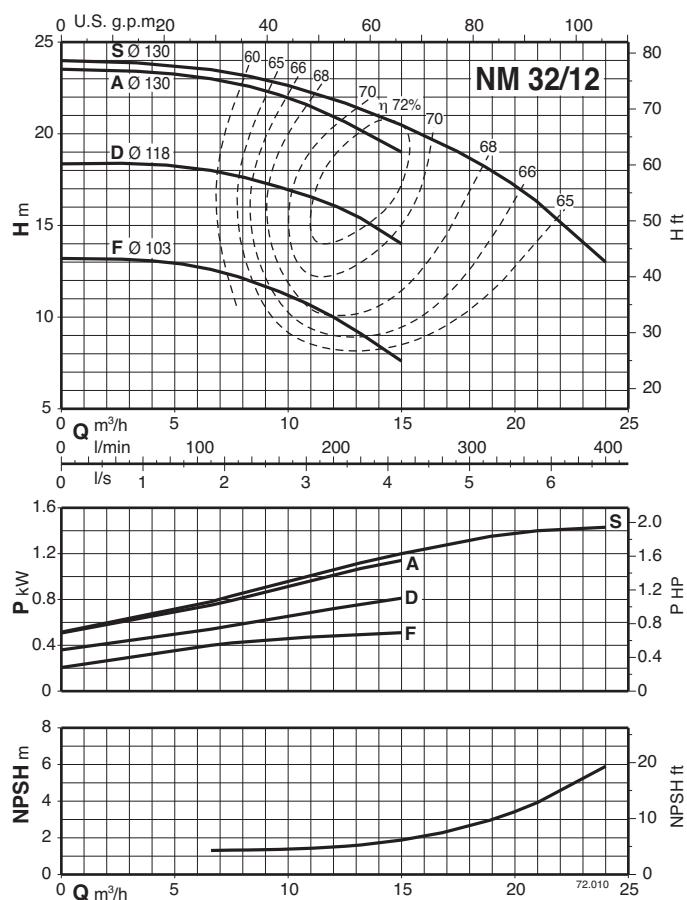
Rated currents

P ₂		230V Δ / 400V Y 400V Δ / 690V Y			I _A /I _N
kW	HP	I _N A	I _N A	I _N A	
0,55	0,75	4	2,3		4,8
0,75	1	4	2,3		4,8
1,1	1,5	4,6	2,7		5,6
1,5	2	7,5	4,3		5,5
2,2	3	9,2	5,3		7,4
3	4	11,5	6,6		8,2
4	5,5		9,6	5,5	7,6
5,5	7,5		10,9	6,3	9,1
7,5	10		14,3	8,3	9,1
9,2	12,5		18,5	10,7	8,2
11	15		21,5	12,4	8,5
15	20		27,3	15,8	9,5
18,5	25		34	19,6	9,4
22	30		41	23,7	10,7
30	40		54	31,2	8,8
37	50		64	36,9	7,2
45	60		77	44,5	7,3
55	75		93	53,7	6,8
75	100		128	73,9	7

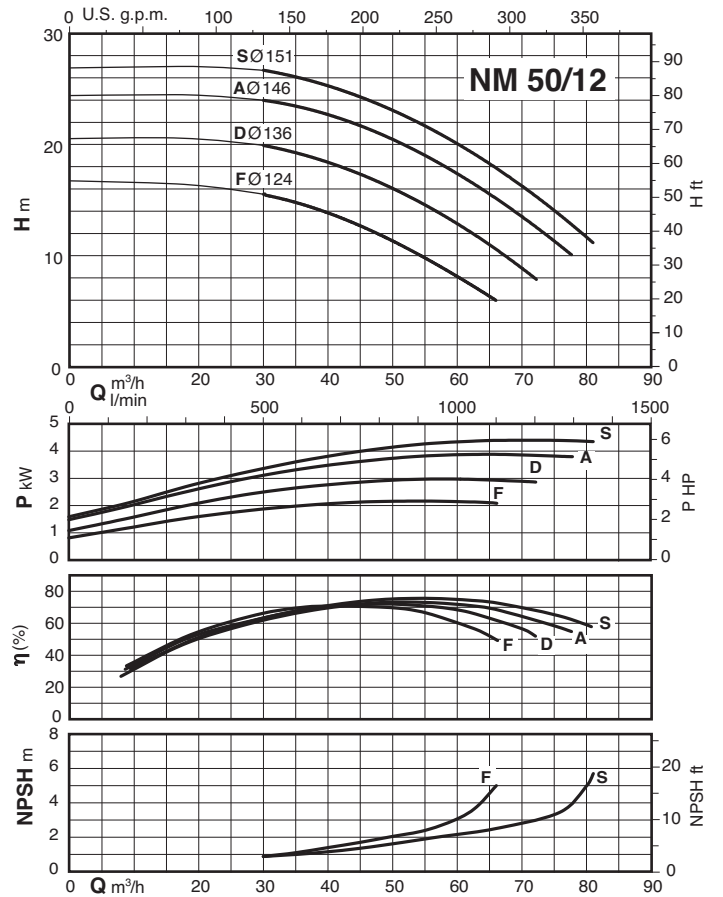
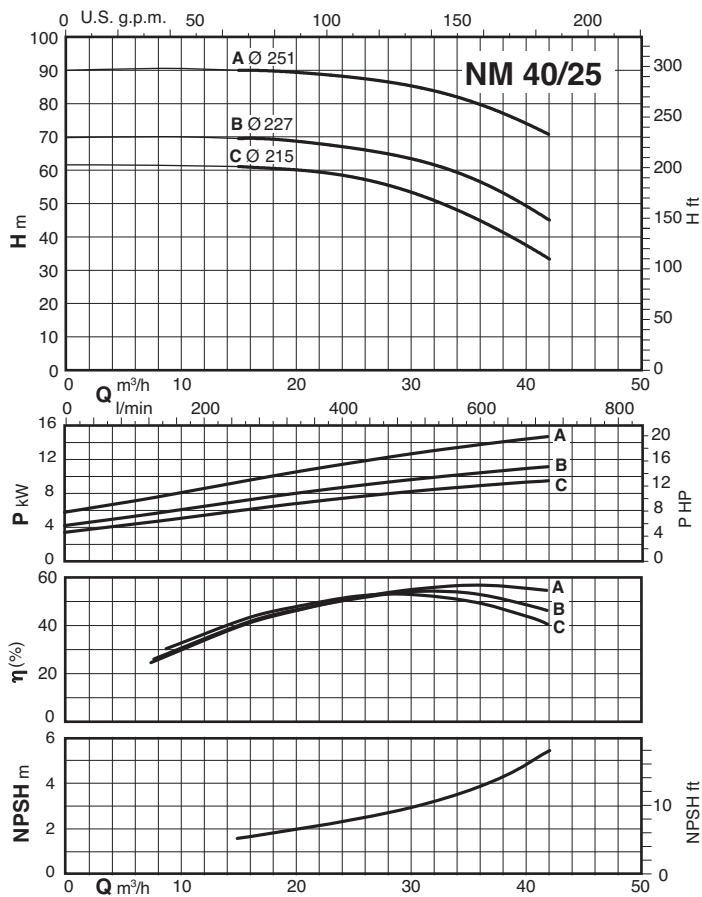
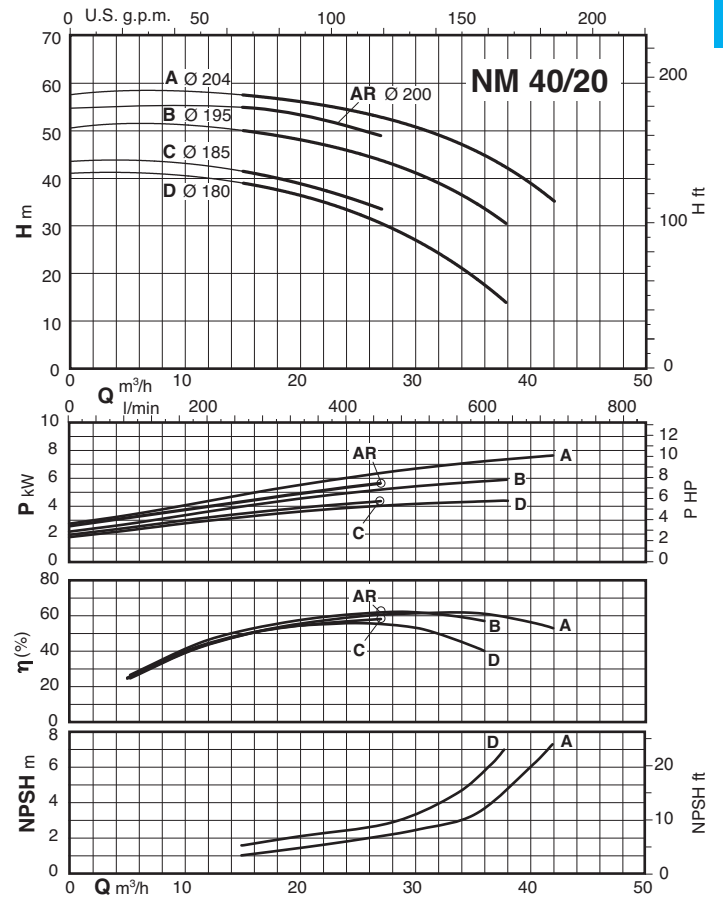
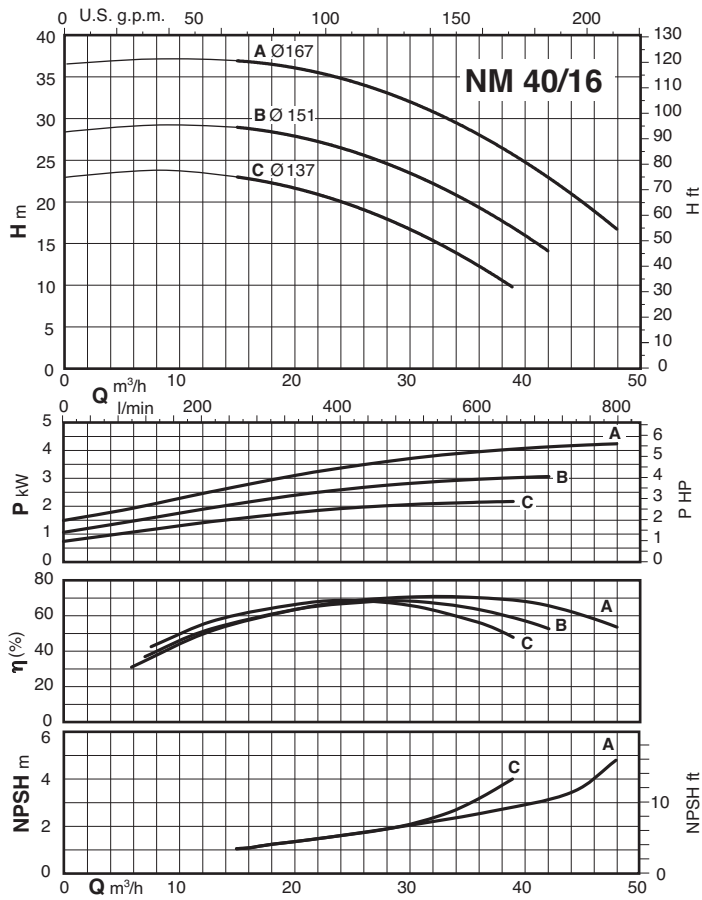
P₂ Rated motor power output.

I_A/I_N D.O.L. starting current / Nominal current

Characteristic curves $n \approx 2900$ rpm



Characteristic curves $n \approx 2900$ rpm

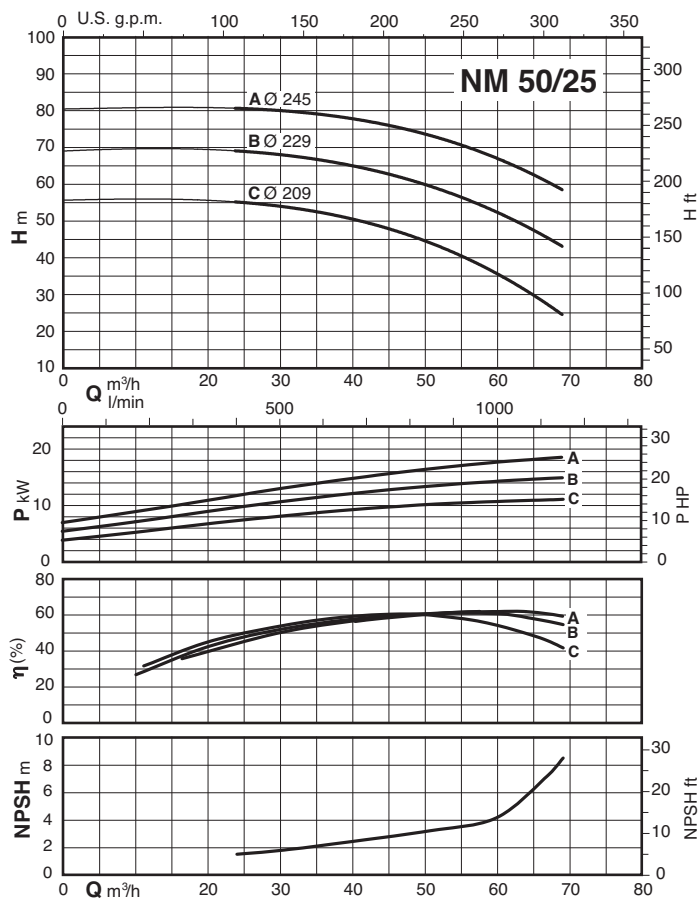
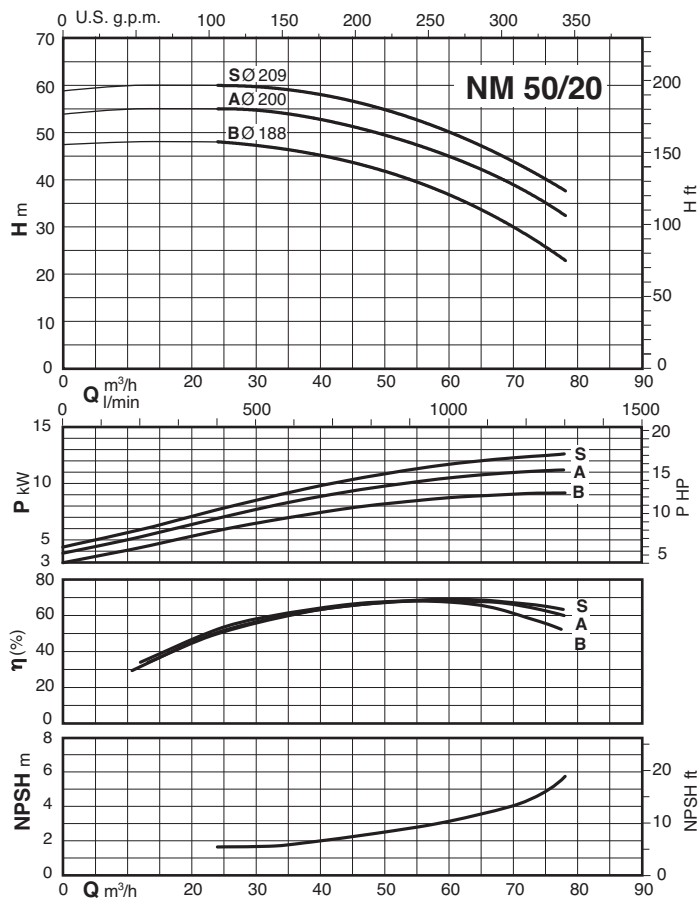
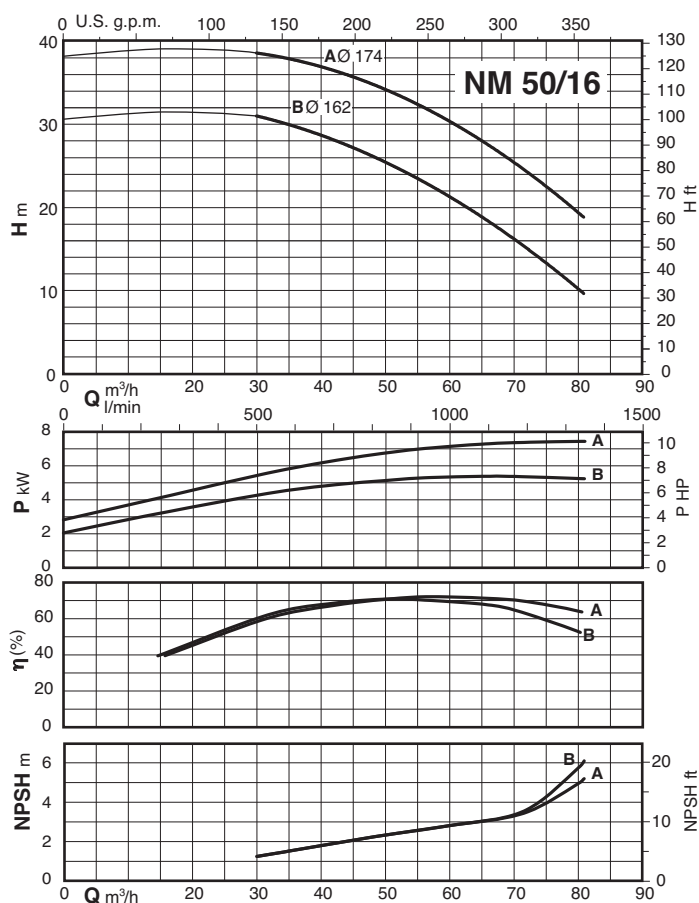


NM, NMS

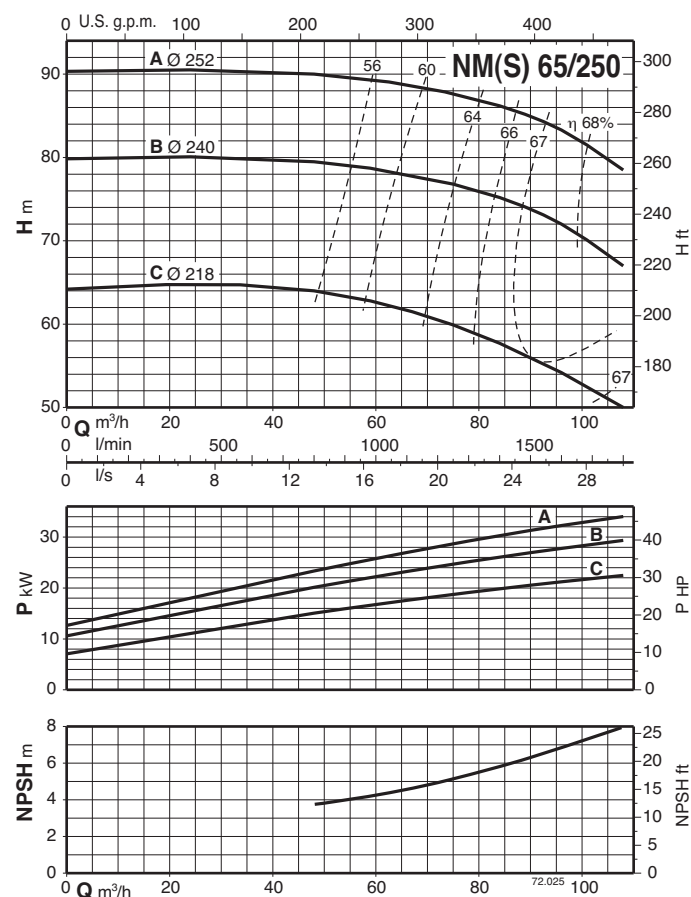
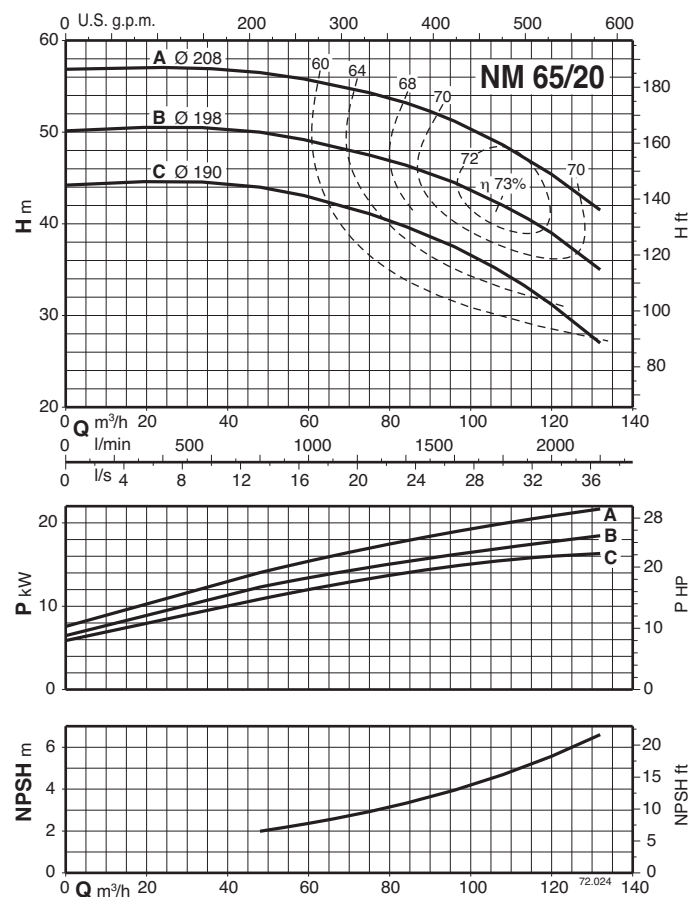
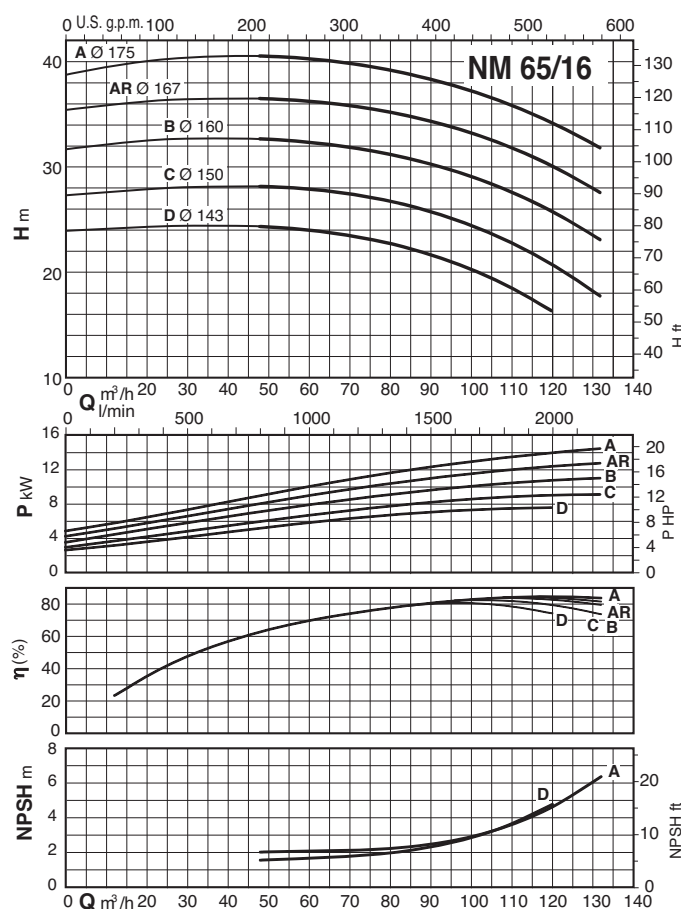
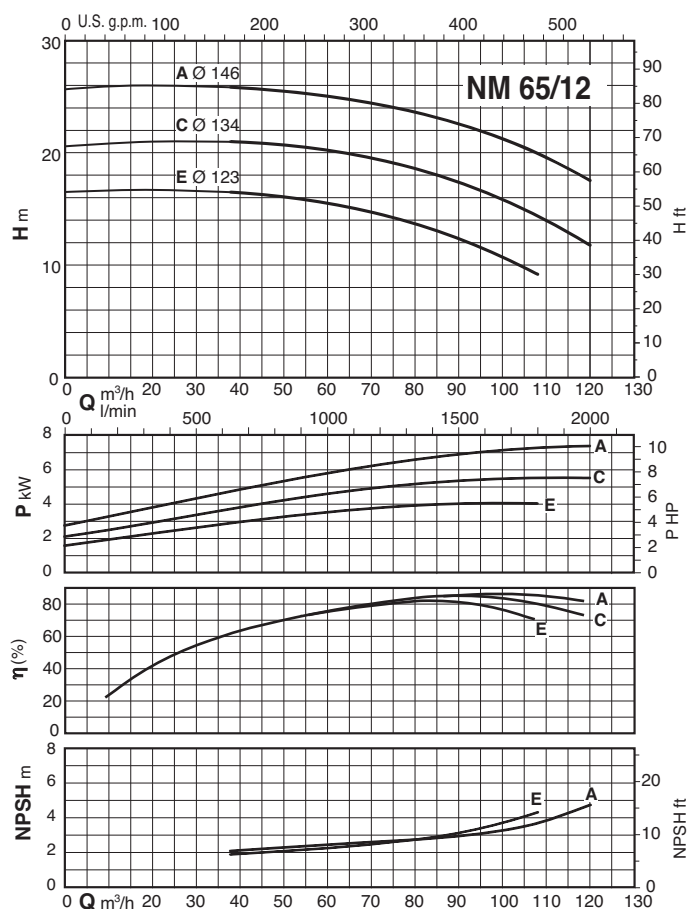
Close Coupled Centrifugal Pumps
with flanged connections



Characteristic curves $n \approx 2900$ rpm



Characteristic curves $n \approx 2900$ rpm

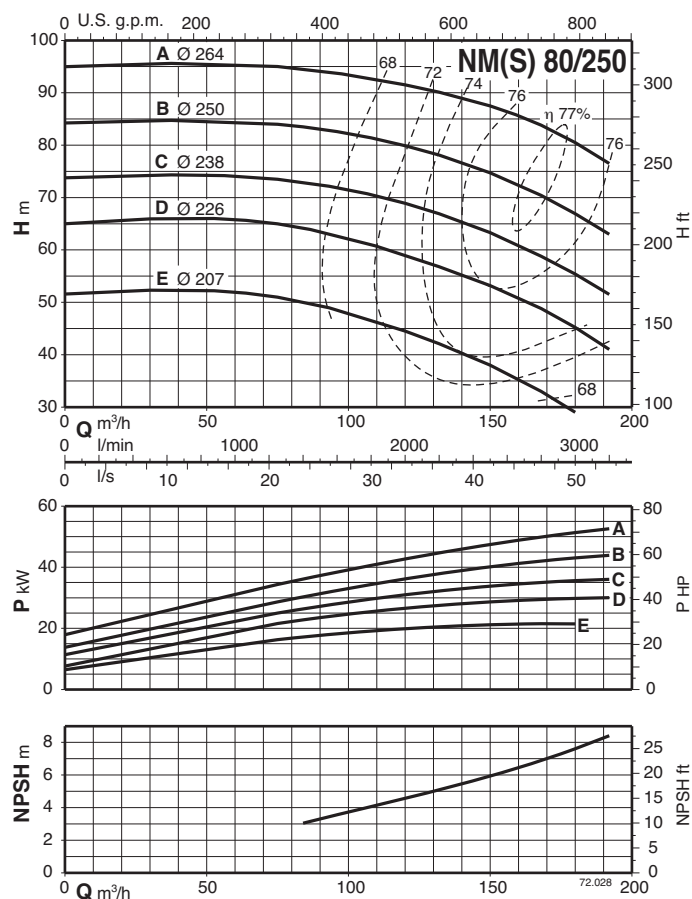
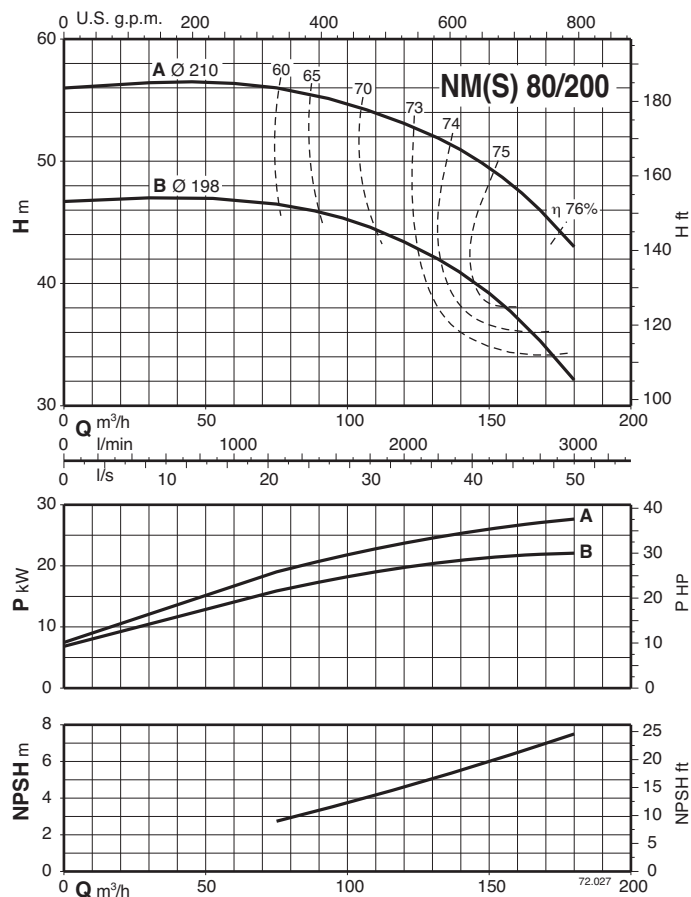
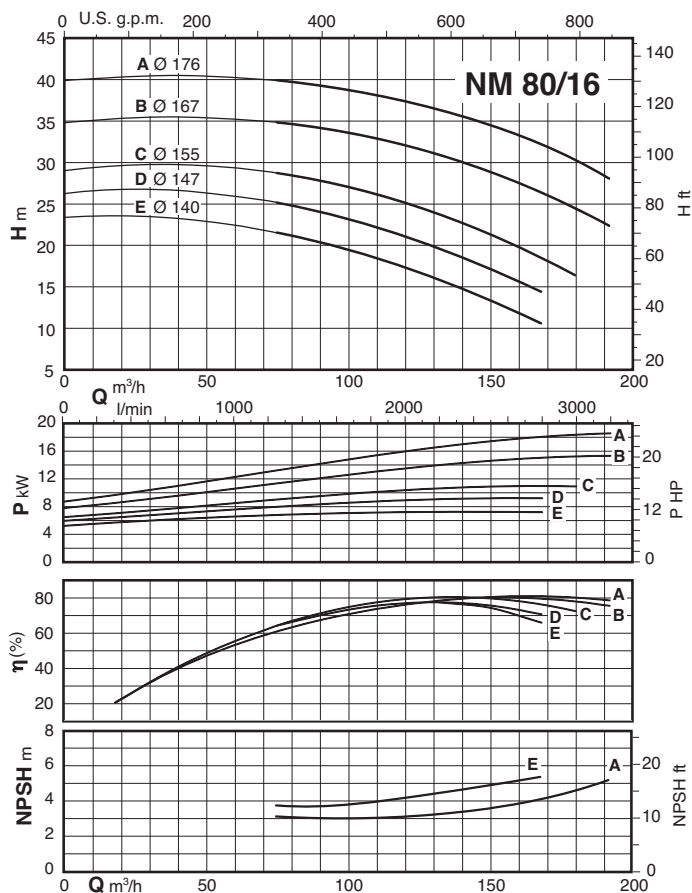


NM, NMS

Close Coupled Centrifugal Pumps
with flanged connections



Characteristic curves $n \approx 2900$ rpm

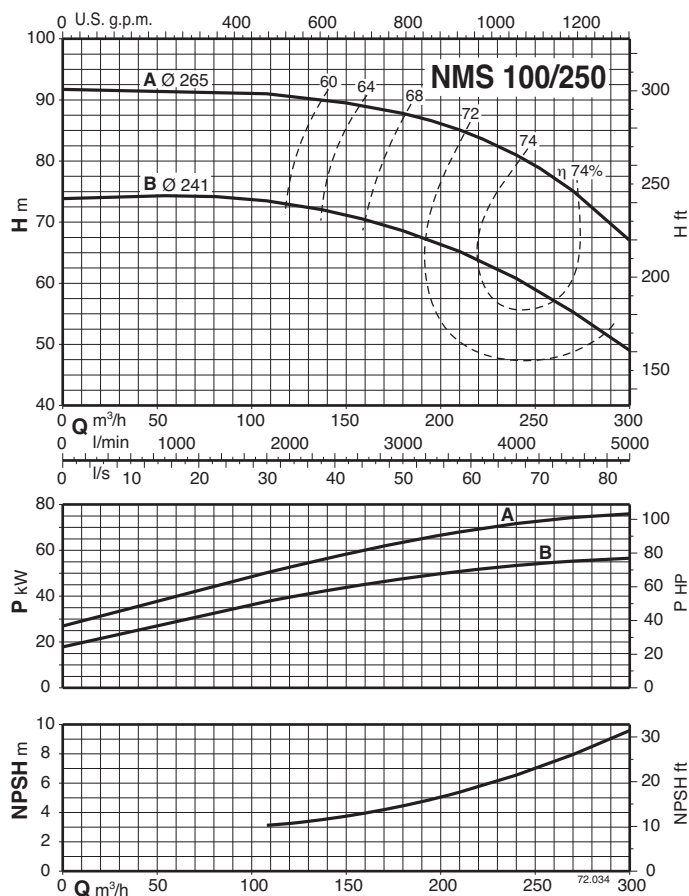
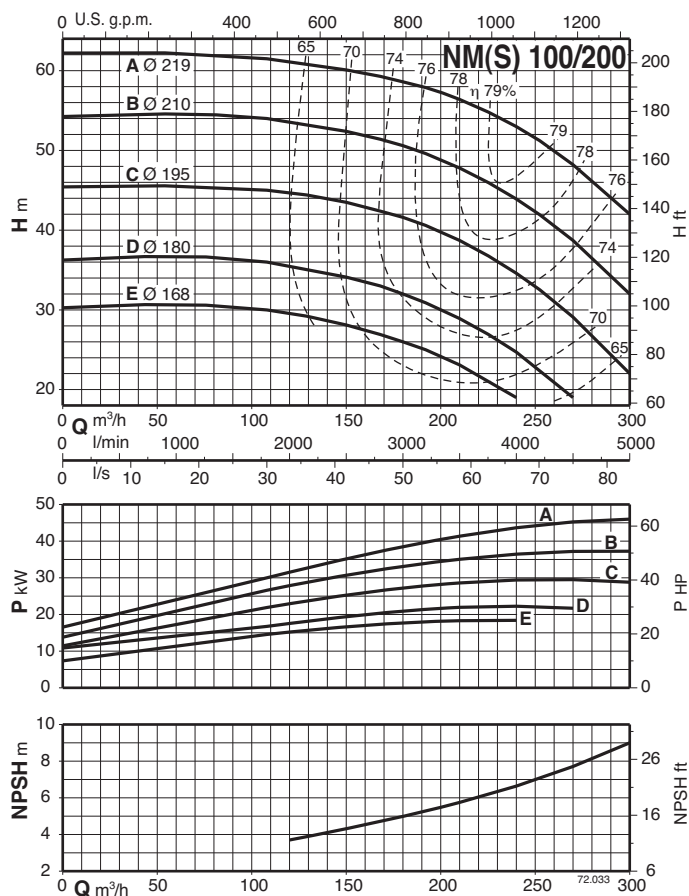


NM, NMS

Close Coupled Centrifugal Pumps
with flanged connections



Characteristic curves $n \approx 2900$ rpm



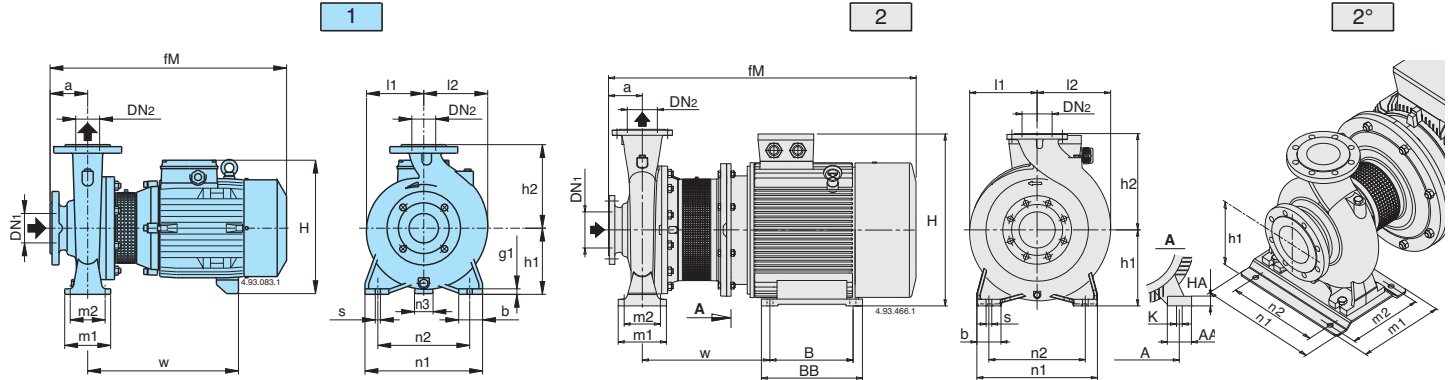
2

NM, NMS

Close Coupled Centrifugal Pumps with flanged connections

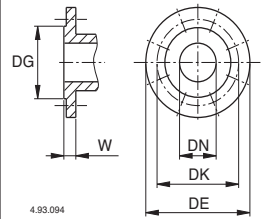


Dimensions and weights



Picture	NM	mm																								kg		
		DN1	DN2	a	fM	h1	h2	H	h4	m1	m2	n1	n2	n3	n5	w1	b	b1	s	s1	l1	l2	w	m4	m5		g1	g2
1	NM 32/12SE-AE-DE-FE	50	32	80	405	112	140	240	-	100	70	190	140	37	-	-	50	-	14	-	93	97	245	-	-	12	-	27-26-24-24
	NM 32/16BE	50	32	80	410	132	160	260	-	100	70	240	190	47	-	-	50	-	14	-	120	120	250	-	-	12	-	34
	NM 32/16A/A	50	32	80	450	132	160	260	-	100	70	240	190	47	-	-	50	-	14	-	120	120	290	-	-	12	-	39
	NM 32/20D/A	50	32	80	450	160	180	288	-	100	70	240	190	62	-	-	50	-	14	-	140	140	290	-	-	12	-	42
	NM 32/20C/A	50	32	80	475	160	180	298	-	100	70	240	190	60	-	-	50	-	14	-	140	140	295	-	-	12	-	47
	NM 32/20A/A	50	32	80	475	160	180	298	-	100	70	240	190	60	-	-	50	-	14	-	140	140	295	-	-	12	-	51
	NM 40/12C/A-F/A	65	40	80	410	112	140	240	-	100	70	210	160	37	-	-	50	-	14	-	100	113	250	-	-	12	-	29-27
	NM 40/12A/B	65	40	80	450	112	140	240	-	100	70	210	160	37	-	-	50	-	14	-	100	113	290	-	-	12	-	32
	NM 40/16C/B	65	40	80	450	132	160	260	-	100	70	240	190	47	-	-	50	-	14	-	119	119	290	-	-	12	-	39
	NM 40/16B/B	65	40	80	475	132	160	270	-	100	70	240	190	45	-	-	50	-	14	-	119	119	295	-	-	12	-	46
	NM 40/16A/B	65	40	80	475	132	160	270	-	100	70	240	190	45	-	-	50	-	14	-	119	119	295	-	-	12	-	48
	NM 40/20C/A-D/A	65	40	100	495	160	180	298	-	100	70	265	212	60	-	-	50	-	14	-	140	140	295	-	-	12	-	54-53
	NM 40/20A/A-AR/A-B/A	65	40	100	525	160	180	320	-	100	70	265	212	49	-	-	50	-	14	-	140	140	320	-	-	12	-	73-67-67
	NM 40/25C/C	65	40	100	640	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	175	175	410	-	-	15	-	108
	NM 40/25B/C	65	40	100	690	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	175	175	460	-	-	15	-	117
	NM 40/25A/C	65	40	100	715	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	175	175	460	-	-	15	-	139
	NM 50/12F/B	65	50	100	470	132	160	260	-	100	70	240	190	47	-	-	50	-	14	-	121	137	290	-	-	12	-	40
	NM 50/12D/B	65	50	100	495	132	160	270	-	100	70	240	190	45	-	-	50	-	14	-	121	137	295	-	-	12	-	47
NM 50/12A/B-S/B	65	50	100	495	132	160	270	-	100	70	240	190	45	-	-	50	-	14	-	121	137	295	-	-	12	-	49-49	
NM 50/16A/B-B/B	65	50	100	525	160	180	320	-	100	70	265	212	49	-	-	50	-	14	-	127	141	320	-	-	14	-	70,5-64	
NM 50/20B/C	65	50	100	640	180	225	365	-	100	70	265	212	40	-	-	50	-	14	-	140	153	410	-	-	15	-	100	
NM 50/20A/C	65	50	100	690	180	225	365	-	100	70	265	212	40	-	-	50	-	14	-	140	153	460	-	-	15	-	109	
NM 50/20S/C	65	50	100	720	180	225	365	-	100	70	265	212	40	-	-	50	-	14	-	140	153	460	-	-	15	-	131	
NM 50/25C/C	65	50	100	655	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	175	175	465	-	-	15	-	122	
NM 50/25B/C	65	50	100	720	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	175	175	465	-	-	15	-	145	
NM 50/25A/C	65	50	100	720	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	175	175	465	-	-	15	-	151	
NM 65/12E/B	80	65	100	500	160	180	298	-	125	95	280	212	60	-	-	65	-	14	-	134	156	300	-	-	15	-	55,5	
NM 65/12A/B-C/B	80	65	100	530	160	180	320	-	125	95	280	212	49	-	-	65	-	14	-	134	156	325	-	-	15	-	73-67	
NM 65/16D/B	80	65	100	525	160	200	320	-	125	95	280	212	49	-	-	65	-	14	-	150	172	320	-	-	15	-	75	
NM 65/16B/C-C/C	80	65	100	640	160	200	345	-	125	95	280	212	40	-	-	65	-	14	-	150	172	410	-	-	15	-	106-100	
NM 65/16A/C-AR	80	65	100	715	160	200	345	-	125	95	280	212	40	-	-	65	-	14	-	150	172	460	-	-	15	-	133,5-134	
NM 65/20C/B	80	65	100	715	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	155	175	460	-	-	15	-	136	
NM 65/20B/B	80	65	100	715	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	155	175	460	-	-	15	-	141	
4	NM 65/20A	80	65	100	762	202	225	408	22	125	95	320	250	-	254	20	80	90	14	14	155	175	182	400	360	-	42*	185
	NM 65/25C	80	65	100	762	202	250	408	2	160	120	360	280	-	254	20	80	90	18	14	175	190	182	400	360	-	42*	201
1	NM 80/16E/B	100	80	125	545	180	225	340	-	125	95	320	250	60	-	-	65	-	14	-	165	193	320	-	-	15	-	83,5
	NM 80/16C/C-D/C	100	80	125	670	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	165	193	415	-	-	15	-	113-108
	NM 80/16B/C	100	80	125	745	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	165	193	465	-	-	15	-	139
	NM 80/16A/C	100	80	125	745	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	165	193	465	-	-	15	-	145
4	NM 80/20B	100	80	125	787	202	250	408	22	160	120	345	280	-	254	20	80	90	18	14	170	194	182	400	360	-	42*	200-194
	NM 80/25E	100	80	125	787	202	280	408	2	160	120	400	315	-	254	20	80	90	18	14	191	210	182	400	360	-	42*	209-203
	NM 100/200E/B*	125	100	125	800	200	280	345	-	160	120	360	280	-	216	20	80	69	18	12	180	212	239	298	258	-	6	179
	NM 100/20D	125	100	125	787	202	280	408	2	160	120	360	280	-	254	20	80	69	18	12	180	212	182	400	360	-	42*	201-195

Flanges EN 1092-2



mm						
DN	DG	DK	DE	Holes N°	Ø	W
32	76	100	140	4	19	18
40	84	110	150	4	19	18
50	99	125	165	4	19	20
65	118	145	185	4	19	20
80	132	160	200	8	19	22
100	156	180	220	8	19	24
125	184	210	250	8	19	24

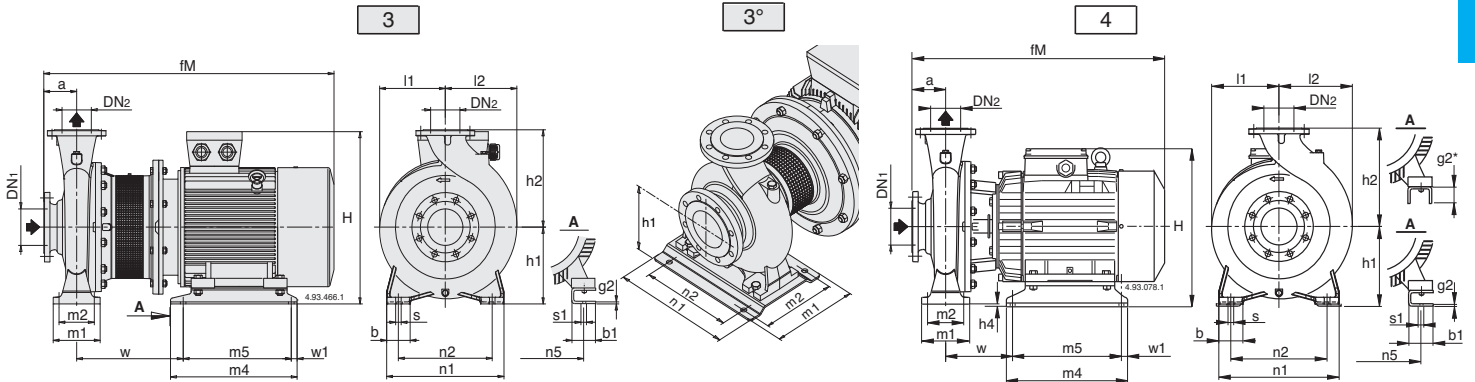
Picture	NMS	mm																										kg			
		DN1	DN2	a	fM	h1	h2	H	m1	m2	n1	n2	A	n5	w1	b	AA	b1	s	K	s1	l1	l2	w	BB	m4	B		m5	HA	g2
3	NMS 65/250B	80	65	100	961	200	250	486	160	120	360	280	-	279	20	80	-	70	18	-	15	177	189	333	-	440	-	400	-	20	-
2	NMS 65/250A	80	65	100	1074	200	250	500	160	120	360	280	318	-	-	80	70	-	18	19	-	200	200	406	355	-	305	-	25	-	321
2	NMS 80/200A	100	80	125	986	180	250	466	125	95	345	280	279	-	-	65	65	-	14	19	-	170	194	412	328	-	279	-	-	20	-
3	NMS 80/250D	100	80	125	986	200	280	486	160	120	400	315	-	279	20	80	-	70	18	-	15	191	211	333	-	440	-	400	-	20	-
2	NMS 80/250C	100	80	125	1099	200	280	500	160	120	400	315	318	-	-	80	70	-	18	19	-	200	210	406	355	-	305	-	25	-	333
2°	NMS 80/250B	100	80	125	1164	225	280	550	298	258	410	315	356	-	-	-	80	-	18	19	-	225	225	445	361	-	311	-	34	-	416
3°	NMS 80/250A	100	80	125	1235	280	280	672	260	220	410	315	-	406	25	-	-	100	18	-	24	275	275	443	-	500	-	450	-	8	-
3	NMS 100/200C	125	100	125	986	200	280	486	160	120	360	280	-	279	20	80	-	70	18	-	15	180	212	333	-	440	-	400	-	20	-
2	NMS 100/200B	125	100	125	1099	200	280	500	160	120	360	280	318	-	-	80	70	-	18	19	-	200	212	406	355	-	305	-	25	-	321
2°	NMS 100/200A	125	100	125	1164	225	280	550	298	258	410	315	356	-	-	-	80	-	18	19	-	225	225	445	361	-	311	-	34	-	409
3°	NMS 100/250B	125	100	140	1250	280	280	672	260	220	410	315	-	440	25	-	-	100	18	-	24	275	275	443	-	500	-	450	-	8	545
2°	NMS 100/250A	125	100	140	1324	280	280	712	260	220	410	315	457	-	-	-	100	-	18	24	-	275	275	516	479	-	368	-	40	-	639

B-NM, B-NMS

Close Coupled Centrifugal Pumps
with flanged connections

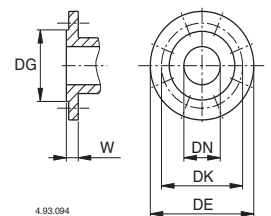


Dimensions and weights



Picture	B- NM	mm																								kg		
		DN1	DN2	a	fM	h1	h2	H	h4	m1	m2	n1	n2	n3	n5	w1	b	b1	s	s1	l1	l2	w	m4	m5	g1	g2	B-NM
1	B-NM 32/12S-A-D-F	50	32	80	405	112	140	240	-	100	70	190	140	37	-	-	50	-	14	-	93	97	245	-	-	12	-	30-28-27-2
	B-NM 32/16B	50	32	80	410	132	160	260	-	100	70	240	190	47	-	-	50	-	14	-	120	120	250	-	-	12	-	38,5
	B-NM 32/16A/A	50	32	80	450	132	160	260	-	100	70	240	190	47	-	-	50	-	14	-	120	120	290	-	-	12	-	42
	B-NM 32/20D/A	50	32	80	450	160	180	288	-	100	70	240	190	45	-	-	50	-	14	-	140	140	290	-	-	12	-	47,5
	B-NM 32/20C/A	50	32	80	475	160	180	298	-	100	70	240	190	60	-	-	50	-	14	-	140	140	295	-	-	12	-	56,5
	B-NM 32/20A/A	50	32	80	475	160	180	298	-	100	70	240	190	60	-	-	50	-	14	-	140	140	295	-	-	12	-	58
	B-NM 40/12C-F	65	40	80	410	112	140	240	-	100	70	210	160	37	-	-	50	-	14	-	100	113	250	-	-	12	-	33-31
1*	B-NM 40/12A/A	65	40	80	450	112	140	240	-	100	70	210	160	37	-	-	50	-	14	-	100	113	290	-	-	12	-	36
4	B-NM 40/16C/A	65	40	80	450	132	160	260	-	100	70	240	190	47	-	-	50	-	14	-	119	119	290	-	-	12	-	43
	B-NM 40/16B/A	65	40	80	475	132	160	270	-	100	70	240	190	45	-	-	50	-	14	-	119	119	295	-	-	12	-	50
	B-NM 40/16A/A	65	40	80	475	132	160	270	-	100	70	240	190	45	-	-	50	-	14	-	119	119	295	-	-	12	-	53
	B-NM 40/20C/A-D/A	65	40	100	495	160	180	298	-	100	70	265	212	60	-	-	50	-	14	-	140	140	295	-	-	12	-	59,5-59
	B-NM 40/200A/A-B/A	65	40	100	580	160	180	320	-	100	70	265	212	49	-	-	50	-	14	-	140	140	375	-	-	12	-	80,5-75
	B-NM 4025/C/C	65	40	100	635	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	175	175	174	298	258	-	6	124
	B-NM 4025/B/C	65	40	100	685	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	175	175	174	298	258	-	6	130
1	B-NM 4025/A/C	65	40	100	710	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	175	175	174	298	258	-	6	159,5
1	B-NM 50/12F/A	65	50	100	470	132	160	260	-	100	70	240	190	47	-	-	50	-	14	-	121	137	290	-	-	12	-	44
	B-NM 50/12D/A	65	50	100	495	132	160	270	-	100	70	240	190	45	-	-	50	-	14	-	121	137	295	-	-	12	-	52
	B-NM 50/12A/A-S/A	65	50	100	495	132	160	270	-	100	70	240	190	45	-	-	50	-	14	-	121	137	295	-	-	12	-	54,5-54
1*	B-NM 50/160A/B-B/B	65	50	100	580	160	180	320	-	100	70	265	212	49	-	-	50	-	14	-	127	141	375	-	-	14	-	80-74,5
4	B-NM 50/200B/C	65	50	100	694	192	200	377	32	100	70	265	212	-	216	20	50	69	14	12	140	153	234	298	258	-	6	123
	B-NM 50/200A/C	65	50	100	744	192	200	377	32	100	70	265	212	-	216	20	50	69	14	12	140	153	234	298	258	-	6	132
	B-NM 50/200S/C	65	50	100	769	192	200	377	32	100	70	265	212	-	216	20	50	69	14	12	140	153	234	298	258	-	6	154
1*	B-NM 5025/C/C	65	50	100	685	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	175	175	174	298	258	-	6	135
	B-NM 5025/B/C	65	50	100	710	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	175	175	174	298	258	-	6	156
	B-NM 5025/A/C	65	50	100	710	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	175	175	174	298	258	-	6	161
4	B-NM 65/125A/B-C/B	80	65	100	585	160	180	320	-	125	95	280	212	49	-	-	65	-	14	-	134	156	380	-	-	15	-	82-76
	B-NM 65/160D/B	80	65	100	575	160	200	320	-	125	95	280	212	49	-	-	65	-	14	-	150	172	375	-	-	15	-	83,5-79
4	B-NM 65/160C/C	80	65	100	660	160	200	345	-	125	95	280	212	40	-	-	65	-	14	-	150	172	430	-	-	15	-	106
	B-NM 65/160A/C-AR	80	65	100	744	192	200	377	32	125	95	280	212	-	216	20	65	69	14	12	150	172	234	298	258	-	6	133
	B-NM 65/200B/B-C/B	80	65	100	770	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	155	175	239	298	258	-	6	183-169,5
1*	B-NM 65/200A/B	80	65	100	825	202	250	408	22	125	95	320	250	-	254	20	80	90	18	14	175	190	245	400	360	-	42*	200
	B-NM 65/250B/A-C/B	80	65	100	825	202	250	408	2	160	120	360	280	-	254	20	80	90	18	14	175	190	245	400	360	-	42*	216-210
4	B-NM 80/160E/B	100	80	125	605	180	225	340	-	125	95	320	250	60	-	-	65	-	14	-	165	193	375	-	-	15	-	94
	B-NM 80/160D/C	100	80	125	685	180	225	365	-	125	95	320	250	50	-	-	65	-	14	-	165	193	430	-	-	15	-	114
	B-NM 80/160C/C	100	80	125	775	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	165	193	239	298	258	-	6	140
4	B-NM 80/160B/C	100	80	125	800	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	165	193	239	298	258	-	6	166
	B-NM 80/160A/C	100	80	125	800	192	225	377	12	125	95	320	250	-	216	20	65	69	14	12	165	193	239	298	258	-	6	172

Flanges EN 1092-2



mm						
DN	DG	DK	DE	Holes		W
				N°	Ø	
32	76	100	140	4	19	18
40	84	110	150	4	19	18
50	99	125	165	4	19	20
65	118	145	185	4	19	20
80	132	160	200	8	19	22
100	156	180	220	8	19	24
125	184	210	250	8	19	24

Picture	B-NMS	mm																												kg	
		DN1	DN2	a	fM	h1	h2	H	m1	m2	n1	n2	A	n5	w1	b	AA	b1	s	K	s1	l1	l2	w	BB	m4	B	m5	HA		g2
3	B-NMS 65/250B	80	65	100	961	200	250	486	160	120	360	280	-	279	20	80	-	70	18	-	15	177	189	333	-	440	-	400	-	20	
2	B-NMS 65/250A	80	65	100	1074	200	250	500	160	120	360	280	318	-	-	80	70	-	18	19	-	200	200	406	355	-	305	-	25	-	
3	B-NMS 80/200B/A	100	80	125	936	180	250	387	125	95	345	280	-	254	20	65	-	60	14	-	15	175	194	331	-	350	-	310	-	5	
2	B-NMS 80/200A/A	100	80	125	986	180	250	486	125	95	345	280	279	-	-	65	65	-	14	15	-	170	194	412	328	440	279	-	-	20	
3	B-NMS 80/250E/A	100	80	125	936	200	280	407	160	120	400	315	-	254	20	80	-	60	18	-	15	191	210	331	-	350	-	310	-	6	
3	B-NMS 80/250D/A	100	80	125	986	200	280	486	160	120	400	315	-	279	20	80	-	70	18	-	15	191	212	333	-	440	-	400	-	20	
2	B-NMS 80/250C	100	80	125	1099	200	280	500	160	120	400	315	318	-	-	80	70	-	18	19	-	200	210	406	355	-	305	-	25	-	
2°	B-NMS 80/250B	100	80	125	1164	225	280	550	298	258	410	315	356	-	-	80	-	18	19	-	225	225	445	361	-	311	-	34	-		
3°	B-NMS 80/250A	100	80	125	1235	280	280	672	260	220	410	315	-	406	25	-	-	100	18	-	24	275	275	443	-	500	-	450	-	8	
3	B-NMS 100/200E	125	100	125	882	200	280	386	160	120	360	280	-	216	20	80	-	69	18	-	12	180	212	322	-	298	-	258	-	6	418
3	B-NMS 100/200D/A	125	100	125	936	200	280	407	160	120	360	280	-	254	20	80	-	60	18	-	15	180	212	331	-	350	-	310	-	6	
3	B-NMS 100/200C/A	125	100	128	986	200	280	486	160	120	360	280	-	279	20	80	-	70	18	-	15	180	212	333	-	440	-	400	-	20	
2	B-NMS 100/200B	125	100	125	1099	200	280	500	160	120	360	280	318	-	-	80	70	-	18	19	-	200	212	406	355	-	305	-	25	-	
2°	B-NMS 100/200A	125	100	125	1164	225	280	550	298	258	410	315	356	-	-	80	-	18	19	-	225	225	445	361	-	311	-	34	-		
3°	B-NMS 100/250B	125	100	140	1250	280	280	672	260	220	410	315	-	440	25	-	-	100	18	-	24	275	275	443	-	500	-	450	-	8	
2°	B-NMS 100/250A	125	100	140	1324	280	280	712	260	220	410	315	457	-	-	-	100	-	18	24	-	275	275	516	479	-	368	-	40	-	

Features

Cutting edge hydraulics

The geometry of the impeller and the pump casing are optimized to achieve maximum efficiency and the best suction capability.

Flexible

The option to choose between cast iron and bronze materials for the hydraulic parts in contact with the pumped liquid allows NM and NM4 series pumps to be selected for use with different types of liquids.

Compact Design

The compact design allows for easy installation even in confined spaces.

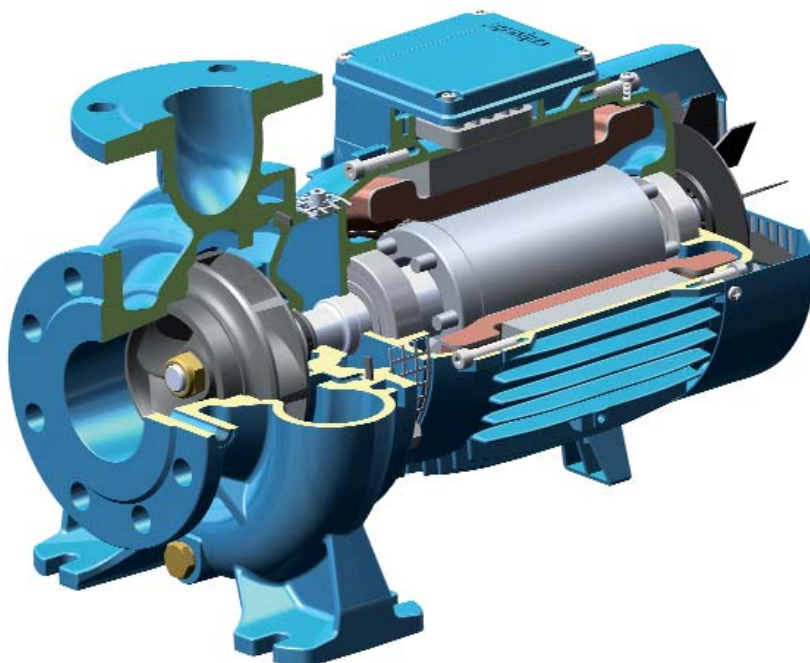
Exclusive design

An innovative, patented guard prevents contact with rotating parts, proving protection to the end user whilst allowing for inspection of the mechanical seal.

Reliable

The bearing and shaft are designed to ensure the reduction of the stress, providing high reliability under all operating conditions.

NM



NMS

Cutting edge hydraulics

The geometry of the impeller and the pump casing are optimized to achieve maximum efficiency and the best suction capability.

Flexible

The option to choose between cast iron and bronze materials for the hydraulic parts in contact with the pumped liquid allows NMS and NMS4 series pumps to be selected for use with different types of liquids.

New lantern bracket construction

The lantern brackets incorporate a thrust bearing on the hydraulic side which guarantees the elimination of additional loads on the motor bearings. The flange is sized to be used with standard motors B35.

Exclusive design

An innovative, patented guard prevents contact with rotating parts, proving protection to the end user whilst allowing for inspection of the mechanical seal.

Simplified motor maintenance

The presence of the thrust bearing on the hydraulic side makes it easier to remove the motor, facilitating maintenance operations and eliminating the risks of damage to the hydraulic parts.

