

Materiały

Komponenty	NM4	B – NM4
Obudowa pompy	Zeliwo	Brąz
Łącznik	GJL 200 EN 1561	G – Cu Sn 10 EN 1982
Wirnik	Zeliwo	Brąz
	GJL 200 EN 1561	G – Cu Sn 10 EN 1982
	Mosiądz P – Miedź Cynk 40 Ołów 2 UNI 5705 dla NM4 25/125-25/160-25/200 NM4 32/16-32/20-40/20	
Wał	CrNi stal AISI 303 do 1,1 kW	CrNi Mo stal AISI 316
	Cr stal AISI 430 Od 1,5 kW do 75 kW	
Uszczelnienie mechaniczne	Węgiel – Ceramika -NBR	
Kołnierze	Stal węglowa 430B UNI 7070	

Budowa

Pompy wirowe z wirnikami zamkniętymi. Silnik elektryczny z przedłużonym wałem, na którym osadzony jest wirnik. Korpus pompy ze krótcem ssawnym usytuowanym osiowo i krótcem tłocznym usytuowanym promieniowo ku górze. Podstawowe wymiary i charakterystyki zgodne z EN 733.

Podłączenia:

Rozmiary	Podłączenia
NM4 25/125, 25/160, 25/200	Gwintowane zgodnie z ISO 228
Od NM4 32/16 do NM4 150/400	Kołnierze zgodnie z PN 10, EN 1092-2
Kołnierze (na żądanie)	
Rozmiary	Kołnierze
od NM4 32/16 do NM4 50/25	Kołnierze wkręcane EN 1092 – 1, PN 16
od NM4 32/16 do NM4 150/400	Kołnierze do spawania EN 1092-1, PN 10

Zastosowania

- dla cieczy czystych, bez materiałów ściernych, nieagresywnych do materiałów pompy (dopuszczalna zawartość ciał stałych: 0,2 %).
- do zaopatrywania w wodę
- do obiegów wodnych, ciepłych, klimatyzacyjnych i chłodzących
- do zastosowań przemysłowych i domowych
- dla ochrony przeciwpożarowej - do systemów nawadniania

Warunki pracy pompy

Dopuszczalna temperatura cieczy od -10°C do +90°C.
Dopuszczalna temperatura otoczenia: do +40°C.
Całkowita wysokość ssania: 7 metrów
Maksymalne dopuszczalne ciśnienie w pompie: 10 barów
Praca ciągła.

Silnik

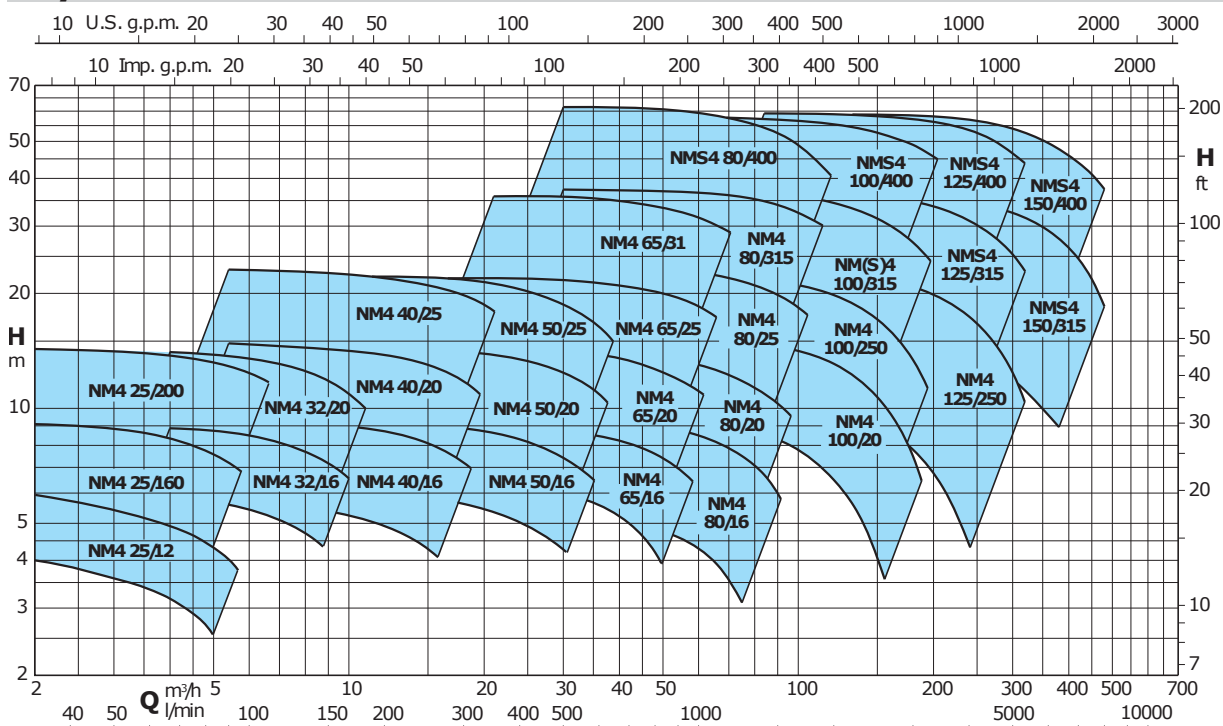
Silnik indukcyjny czterobiegunowy, 50 Hz (n = 1450 obr/min).
NM4, NMS4: Trójfazowy 230/400 V ± 10% do 3 kW
400/690 V ± 10% od 4 do 75 kW.

Klasa izolacji F.
Stopień ochrony IP 54, (IP 55 dla NMS4)
Wykonany zgodnie z normą: EN 60034-1, 60034-30

Właściwości specjalne na żądanie:

- Inne wartości napięć
- Częstotliwość 60 Hz
- Stopień ochrony IP 55
- Uszczelnienia mechaniczne specjalne
- Wyższa/niższa temperatura cieczy lub otoczenia.

Wykres obrotów n ≈ 1450 obr/min



Obroty $n \approx 1450$ obr/min

B-NMS4	NM4 - NMS4	P ₂		Q m ³ /h	Q																				
		kW	HP		l/min	800	900	1000	1100	1250	1400	1600	1800	2000	2200	2500	2800	3000	3200	3500	4000	4500	5000	5500	
	NM4 100/20C/A	3	4	H m	9,4	9,3	9,2	9,1	8,9	8,5	8	7,3	6,5	5,6	4*										
	NM4 100/20B/A	4	5,5		12	11,9	11,8	11,7	11,5	11,2	10,7	10	9,3	8,4	6,7*	4,5*									
	NM4 100/20A/A	5,5	7,5		15,2	15,2	15,1	15	14,9	14,7	14,3	13,8	13,1	12,2	10,7*	9*	7,5*	6*							
	NM4 100/25B/A	7,5	10		19,5	19,5	19,4	19,3	19	18,7	18,2	17,5	16,6	15,6	13,8*	11,7*	10*	8,4*	5,5*						
	NM4 100/25A/A	9,2	12,5		22,3	22,3	22,2	22,1	21,9	21,7	21,2	20,5	19,8	18,8	17,1*	15*	13,4*	11,7*	8,9*						
B-NMS4 100/315C	NM4 100/315C/A	11	15		26,9	26,9	26,8	26,6	26,2	25,7	24,9	23,8	22,7	21,3	18,9*	15,9*	13,7*	11,3*							
B-NMS4 100/315B	NM4 100/315B/A	15	20		31,5	31,5	31,4	31,3	31,2	30,8	30,2	29,3	28,2	26,9	24,6*	21,8*	19,8*	17,6*	14*						
B-NMS4 100/315A	NMS4 100/315A	18,5	25		36,9	36,9	36,8	36,7	36,6	36,4	36	35,3	34,5	33,4	31,4*	29*	27,2*	25,3*	22,2*						
B-NMS4 100/400C	NMS4 100/400C	22	30		41,3	41,2	41,1	41	40,7	40,4	39,8	39	38	36,5	34*	31*	28,7*	26*							
B-NMS4 100/400B	NMS4 100/400B	30	40		50,2	50,1	50	49,9	49,7	49,4	48,8	48	47,1	46	44*	41,3*	39,5*	37*	33,5*						
B-NMS4 100/400A	NMS4 100/400A	37	50		58,2	58,1	58	57,9	57,8	57,6	57,2	56,3	55,7	54,5	52,7*	50,5*	49*	47*	44*						

B-NMS4	NM4 - NMS4	P ₂		Q m ³ /h	Q																				
		kW	HP		l/min	1400	1600	1800	2000	2200	2500	2800	3000	3200	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	
	NM4 125/25E/A	5,5	7,5	H m	11	10,8	10,5	10,1	9,7	9,1	8,3	7,8	7,2	6,2	4,4*										
	NM4 125/25D/A	7,5	10		14	13,9	13,7	13,4	13	12,4	11,6	11	10,4	9,4	7,4*	5,1*									
	NM4 125/25C/A	9,2	12,5		16,7	16,6	16,4	16,2	15,9	15,4	14,6	14,1	13,5	12,5	10,4*	8,2*	5,8*								
B-NMS4 125/250B	NM4 125/250B/A	11	15		19,3	19,2	19,1	18,9	18,7	18,2	17,5	17	16,3	15,3	13,3*	10,9*	8,2*								
B-NMS4 125/250A	NM4 125/250A/A	15	20		22,7	22,7	22,6	22,4	22,2	21,8	21,2	20,8	20,1	19,3	17,4*	15*	12,4*	9,3*							
B-NMS4 125/315C	NMS4 125/315C	18,5	25		27,9	27,8	27,7	27,6	27,2	26,5	25,6	24,9	24	22,8	20,2*	17*	13,5*	9,5*							
B-NMS4 125/315B	NMS4 125/315B	22	30		31,8	31,7	31,6	31,5	31,1	30,6	29,7	29,1	28,5	27,3	24,9*	22*	18,5*	14,3*							
B-NMS4 125/315A	NMS4 125/315A	30	40		36,8	36,8	36,7	36,6	36,4	35,9	35,2	34,7	34,2	33,2	31*	28,4*	25,3*	21,6*							
B-NMS4 125/400C	NMS4 125/400C	37	50		45,4	45,3	45,2	45,1	44,9	44,4	43,7	43	42	40	37*	33*	28,5*	23,5*							
B-NMS4 125/400B	NMS4 125/400B	45	60		51,4	51,3	51,2	51,1	50,9	50,4	49,7	49	48,2	46,8	44*	40,5*	36*	31,5*							
B-NMS4 125/400A	NMS4 125/400A	55	75		59,2	59,1	59	58,9	58,7	58,2	57,7	57,2	56,7	55,7	53,5*	50,5*	46,5*	42,5*							
B-NMS4 150/315D	NMS4 150/315D	18,5	25						22,8	22,6	22,3	22	21,7	21,1	20	18,6	17	15,1	13	10,6*	8*				
B-NMS4 150/315C	NMS4 150/315C	22	30						25,6	25,4	25,1	24,9	24,7	24,2	23,3	22	20,4	18,5	16,5	14,1*	11,6*	8,9*			
B-NMS4 150/315B	NMS4 150/315B	30	40						30,6	30,6	30,5	30,3	30,1	29,7	29	27,9	26,5	24,9	23	20,8*	18,3*	15,4*			
B-NMS4 150/315A	NMS4 150/315A	37	50						35,6	35,6	35,5	35,4	35,3	35,2	34,6	33,7	32,5	31	29,2	27,1*	24,7*	21,8*	18,5*		
B-NMS4 150/400C	NMS4 150/400C	45	60						45	44,9	44,7	44,5	44	43,5	42,5	40,5	38,5	36	33,5	30,5*	27*	23,5*	19,5*		
B-NMS4 150/400B	NMS4 150/400B	55	75						50,8	50,7	50,5	50,3	50	49,5	48,5	47	45	43	40,5	38*	35*	32*	28,5*		
B-NMS4 150/400A	NMS4 150/400A	75	100						58,8	58,7	58,6	58,5	58,3	57,9	57	55,5	54	52	49,5	47*	44*	41*	37,5*		

NM4, NMS4 P_2 { [&A] }
 B-NM4, B-NMS4 P_2 { [&A] }

H [[]]

* { [] }

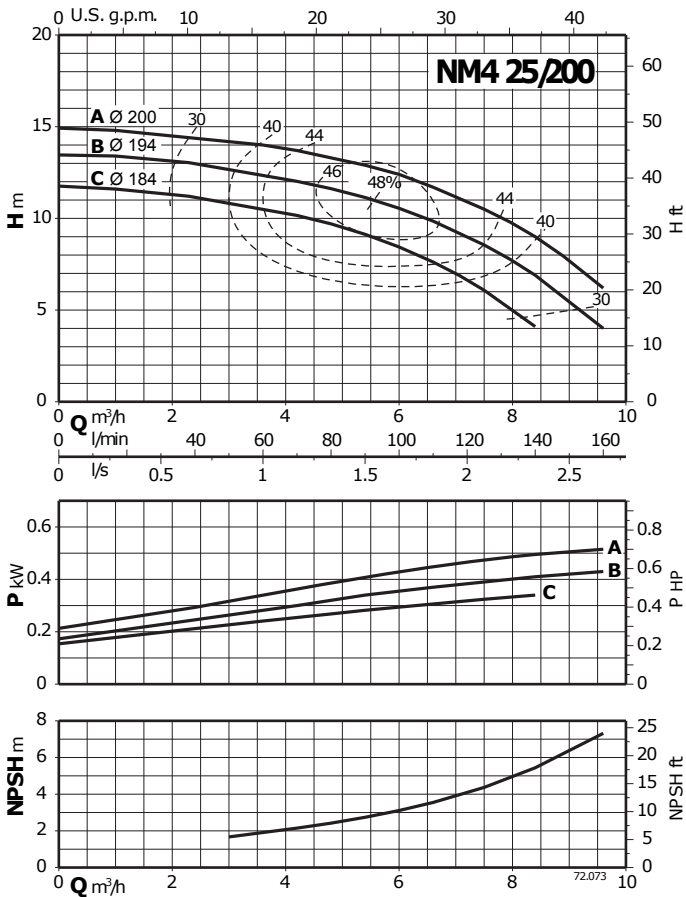
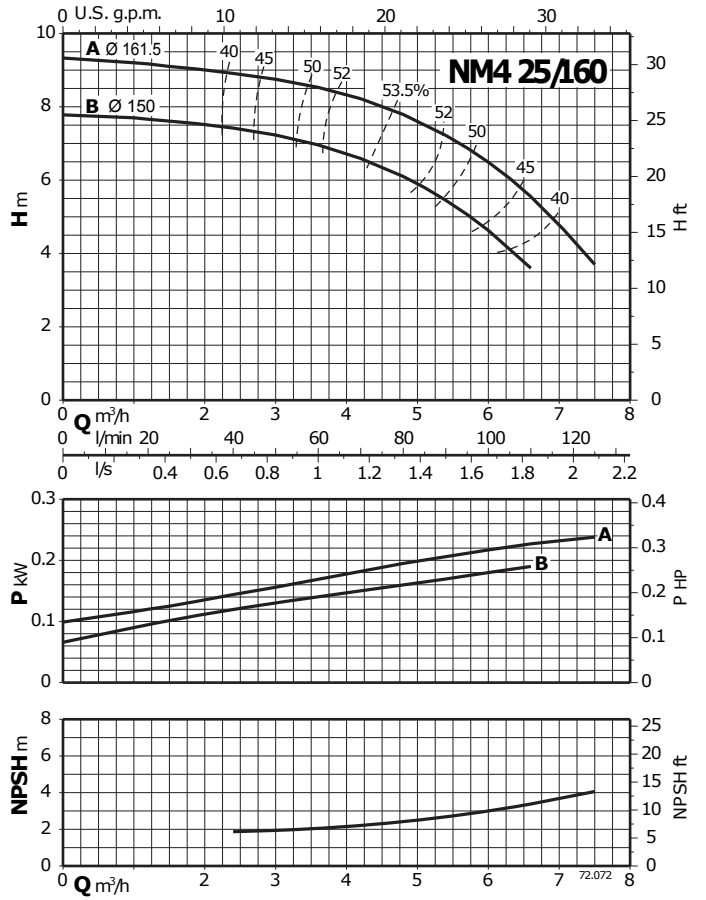
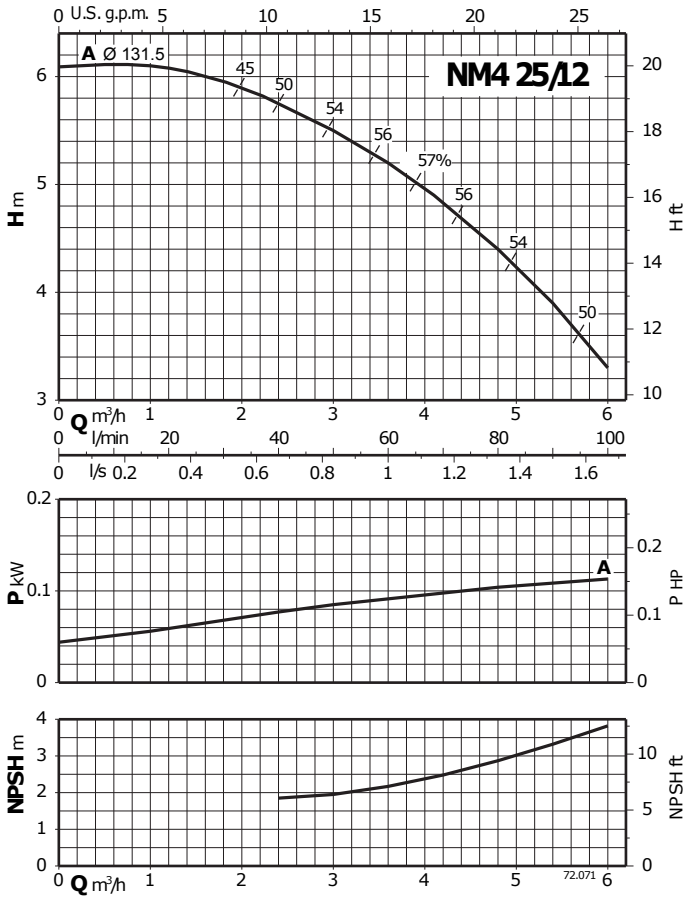
Wartość prądów

P ₂		230 V Δ / 400 V Y		
kW	HP	I _n A	I _A A	I _A /I _n
0,25	0,34	1,4	0,8	3,7
0,37	0,5	1,65	0,95	4,2
0,55	0,75	2,6	1,5	4,8
0,75	1	3,3	1,9	5,2
1,1	1,5	5	2,9	4,7
1,5	2	6	3,5	5
2,2	3	8,6	5	6,1
3	4	11,1	6,4	9

P ₂		400 V Δ / 690 V Y		
kW	HP	I _n A	I _A A	I _A /I _n
4	5,5	8,3	4,8	9,3
5,5	7,5	12,5	7,2	7,7
7,5	10	16	9,2	9,4
9,2	12,5	19	11	9,3
11	15	22,5	13	6,9
15	20	29	16,7	7
18,5	25	34,5	19,9	6,4
22	30	40,5	23,4	6,7
30	40	55	31,8	6,7
37	50	67	38,5	6,8
45	60	81	46,8	6,9
55	75	96	55,4	7,5
75	100	130	75	6,8

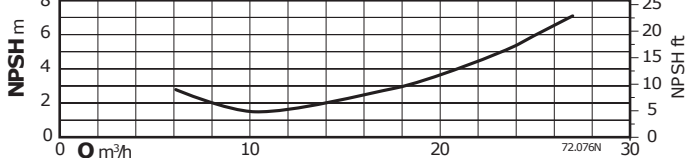
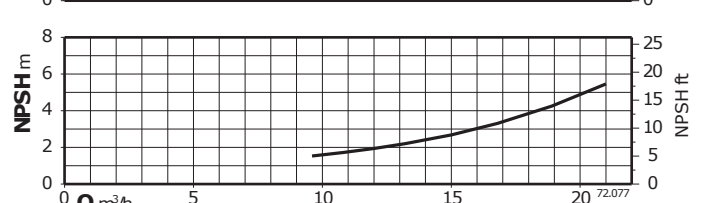
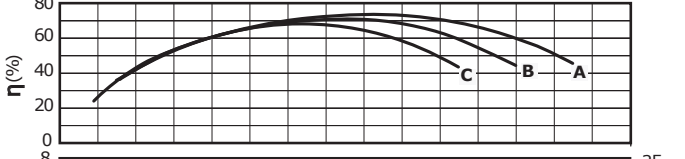
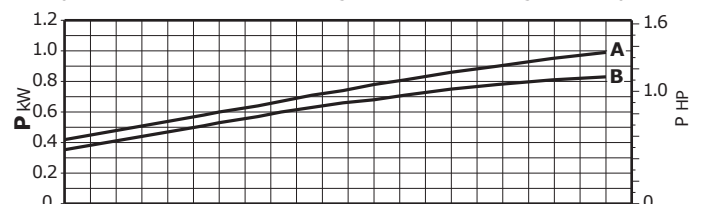
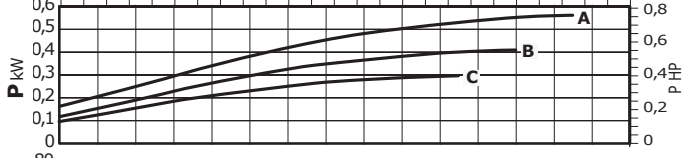
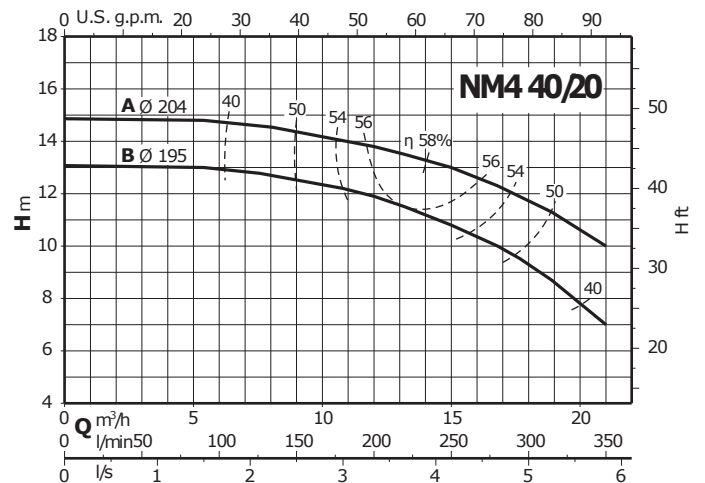
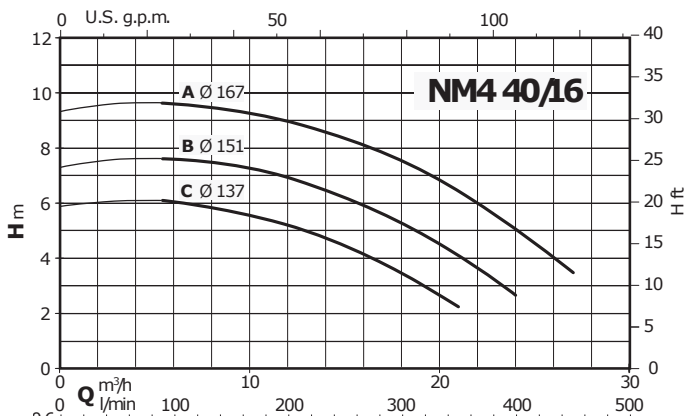
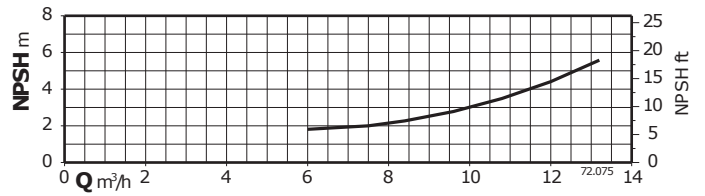
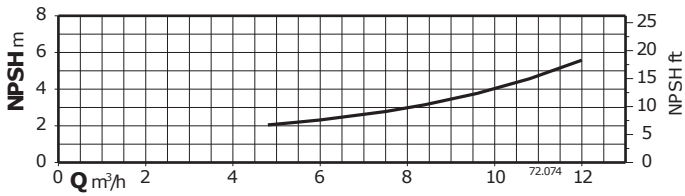
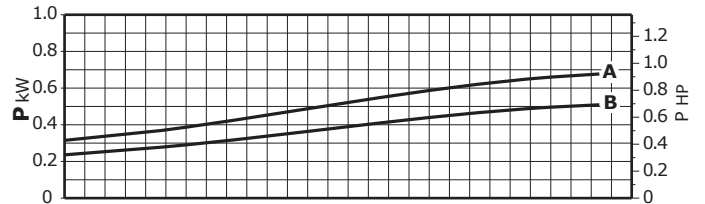
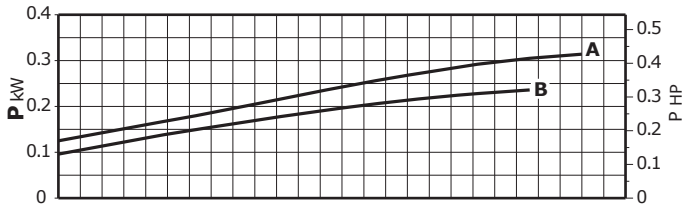
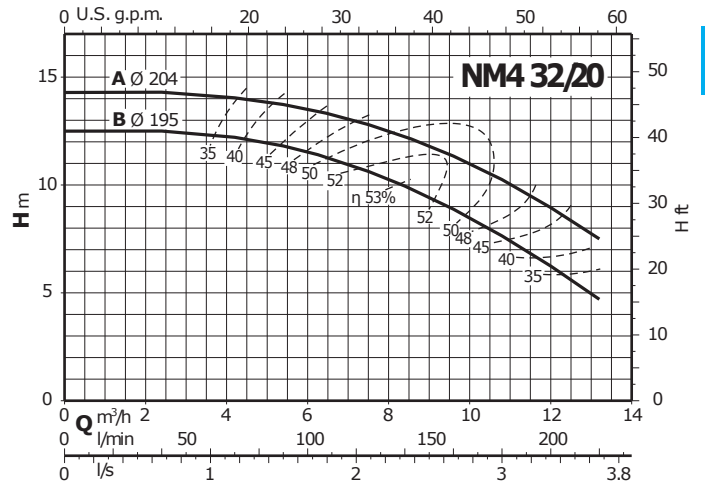
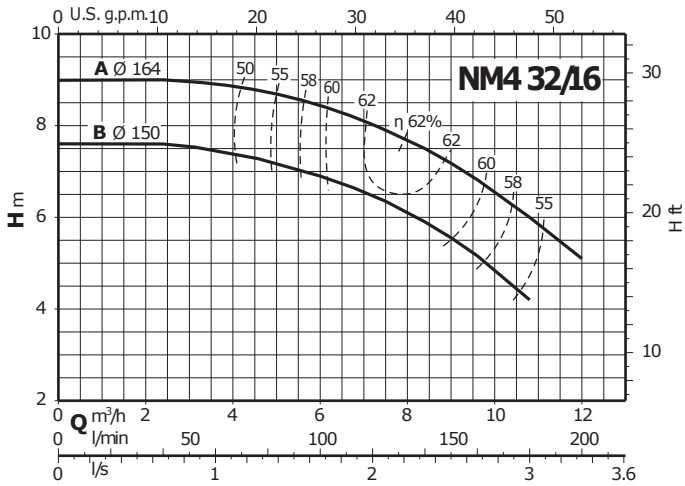
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Wykresy charakterystyk n≈1450 obr/min

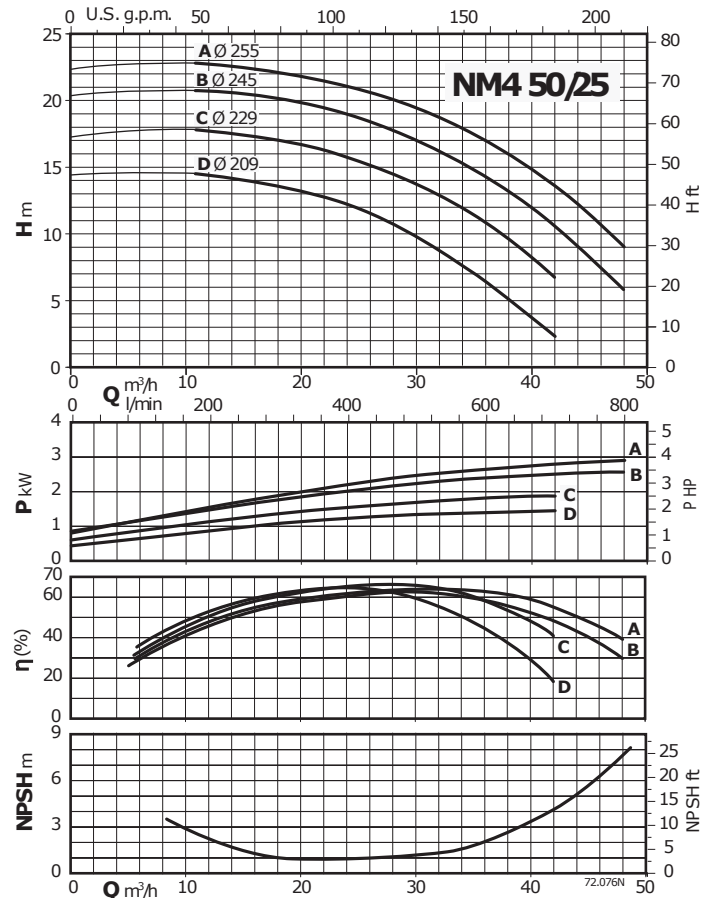
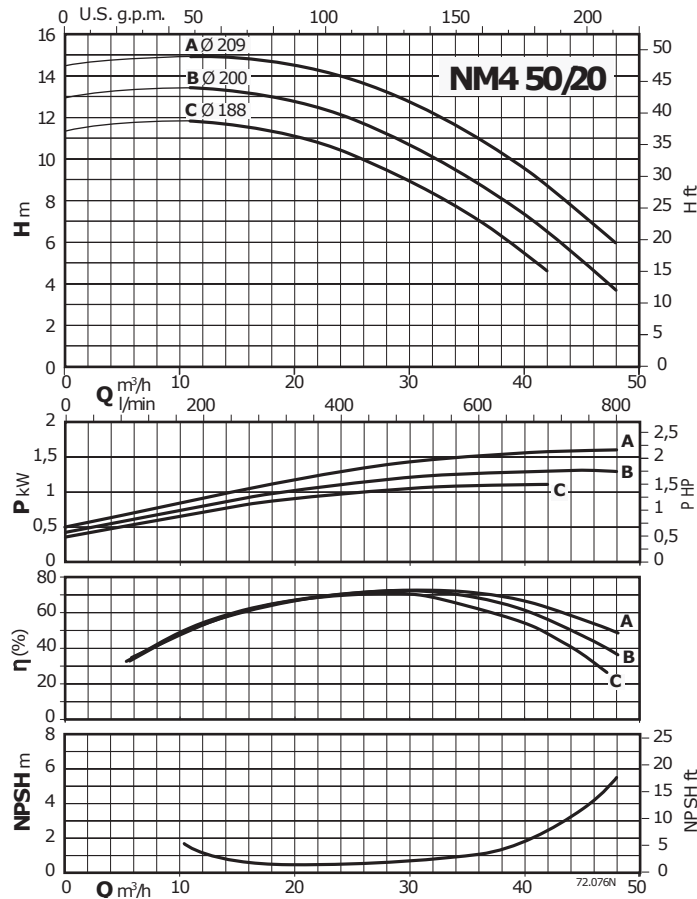
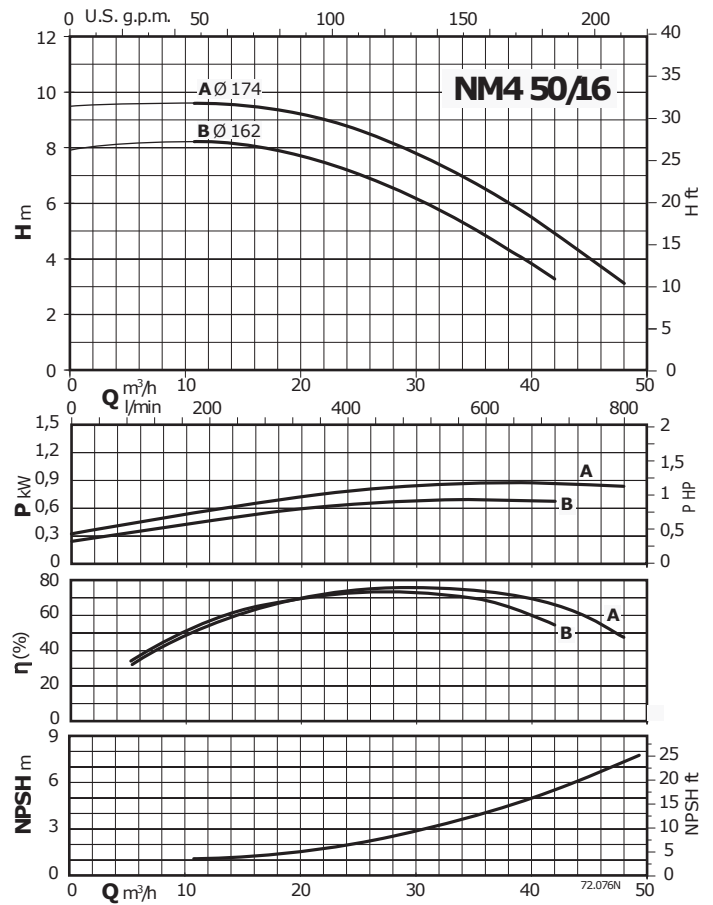
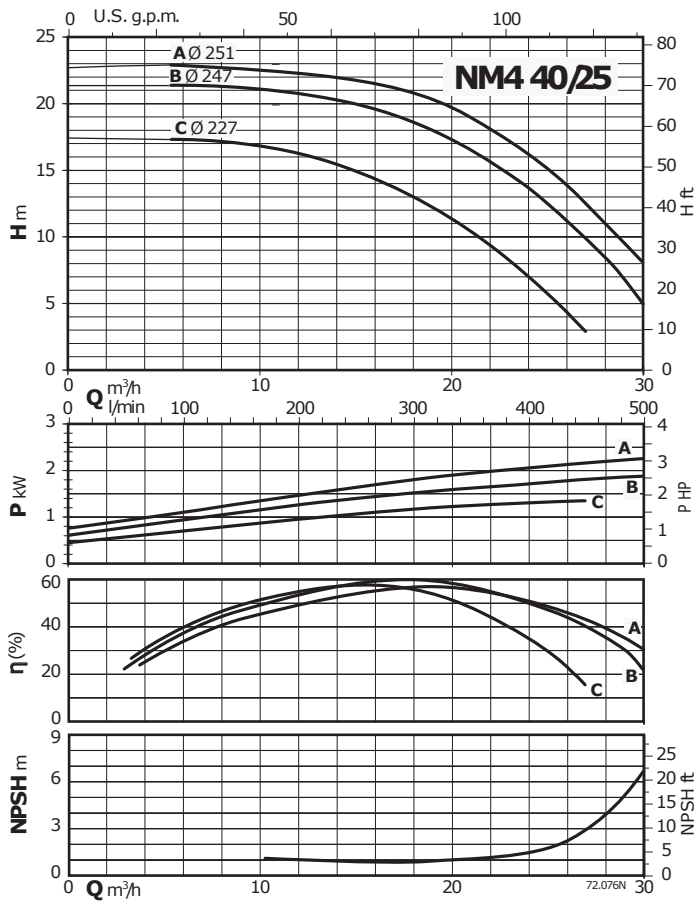


Wykresy charakterystyk $n \approx 1450$ obr/min

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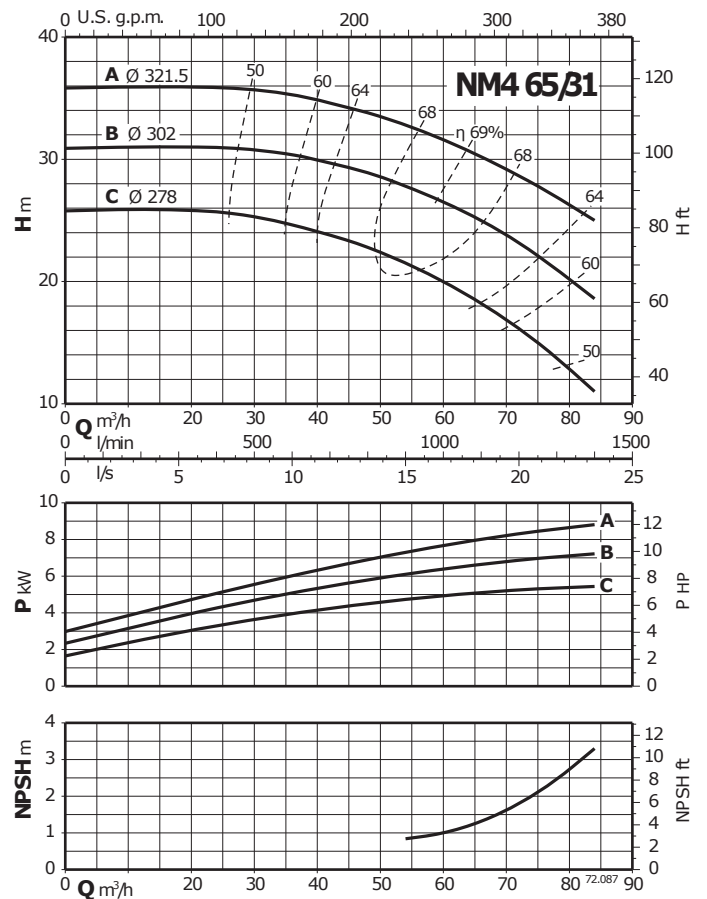
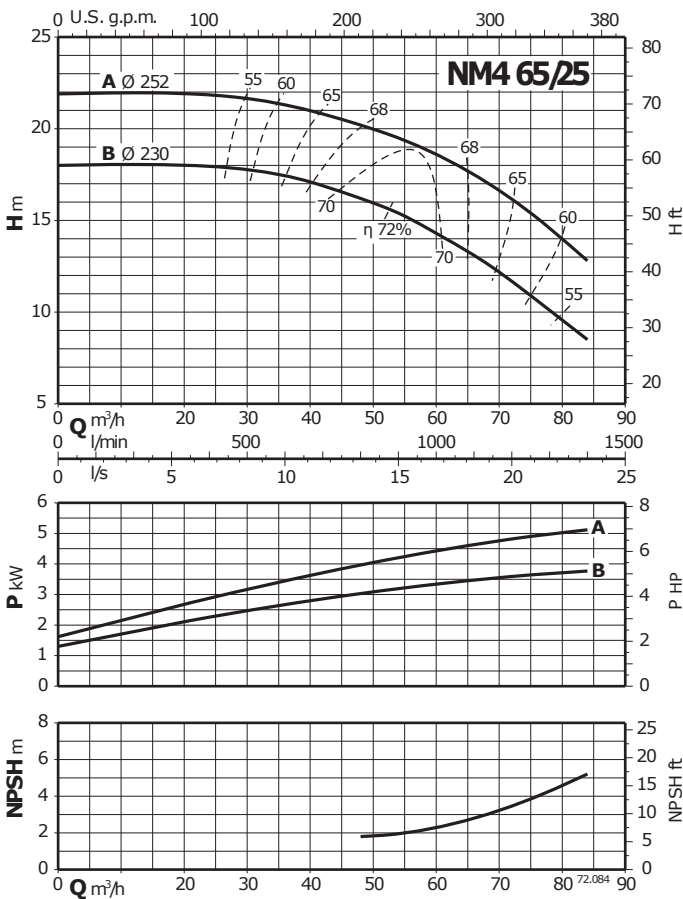
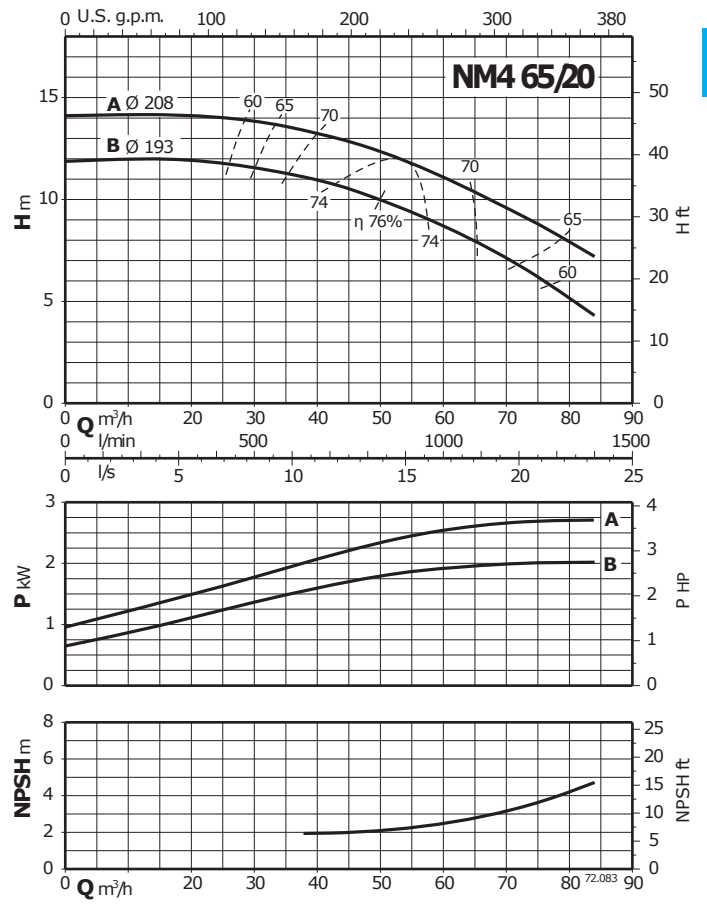
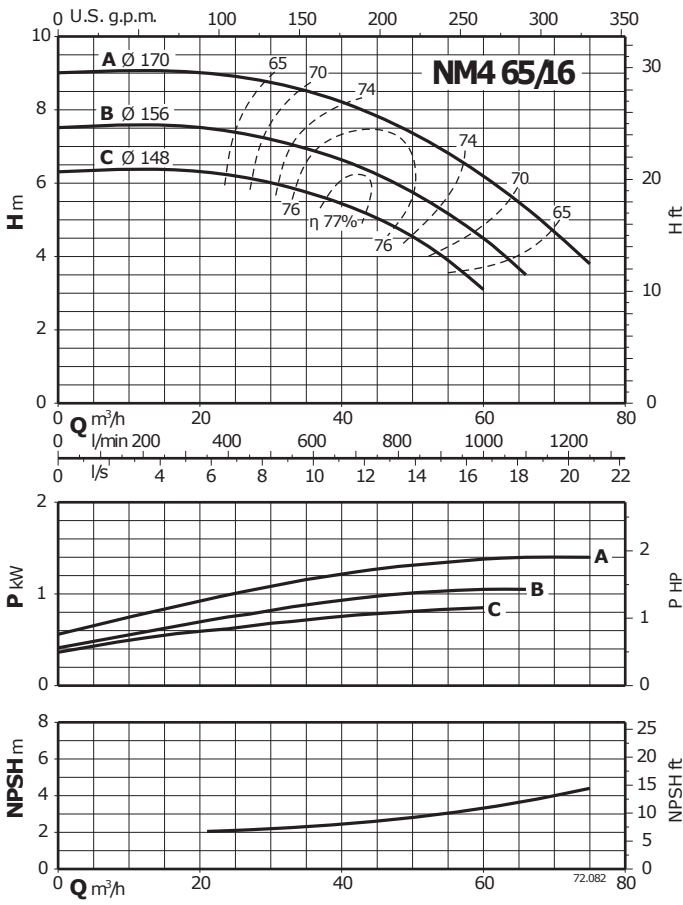


Wykresy charakterystyk $n \approx 1450$ obr/min

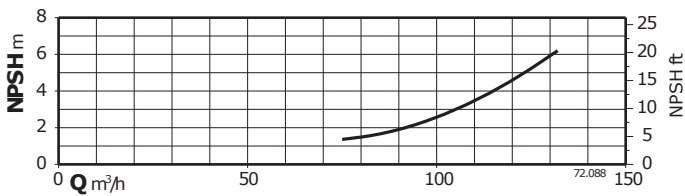
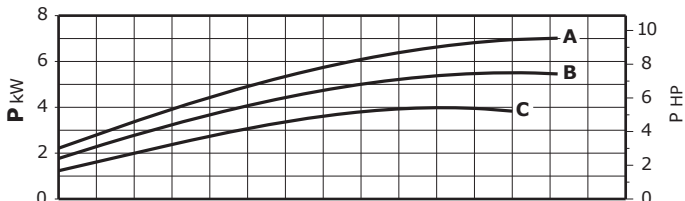
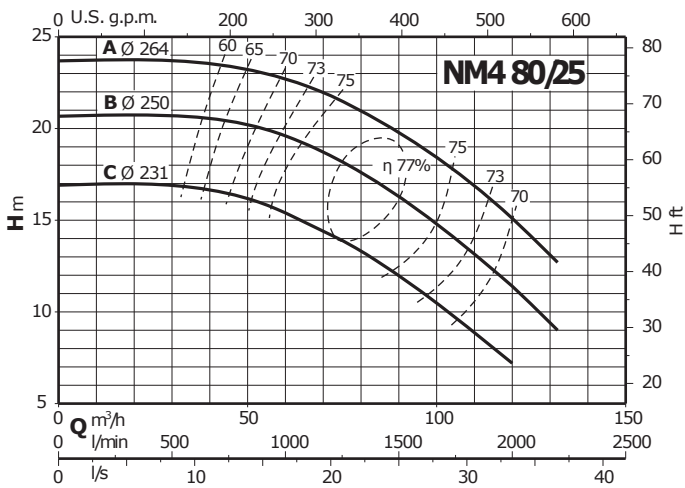
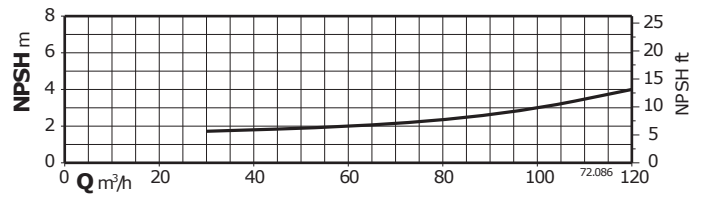
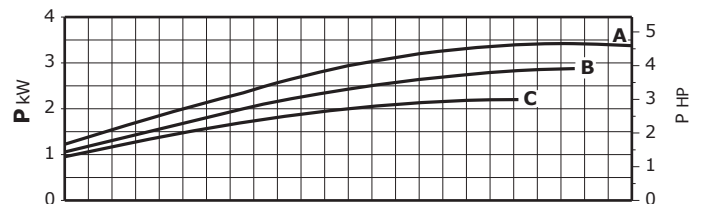
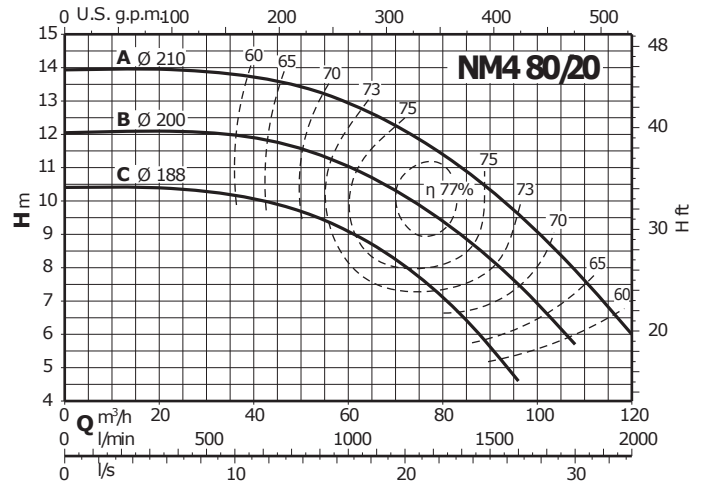
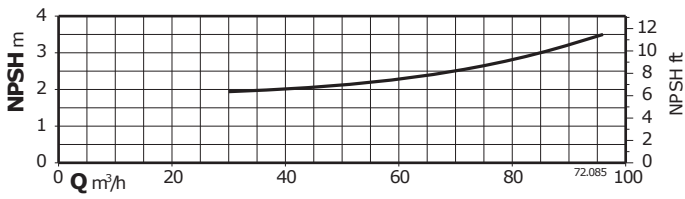
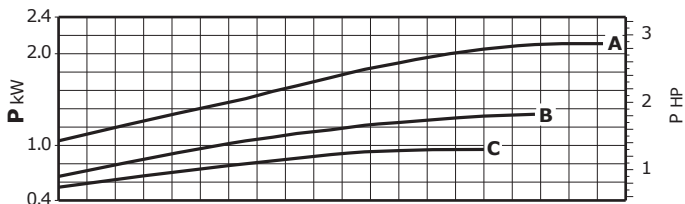
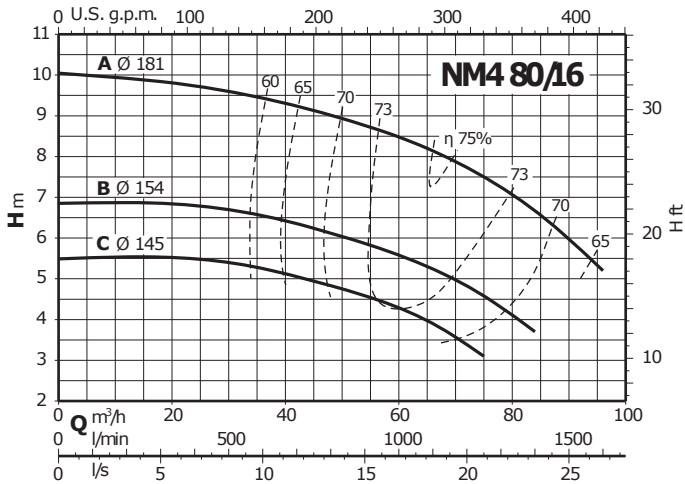


Wykresy charakterystyk $n \approx 1450$ obr/min

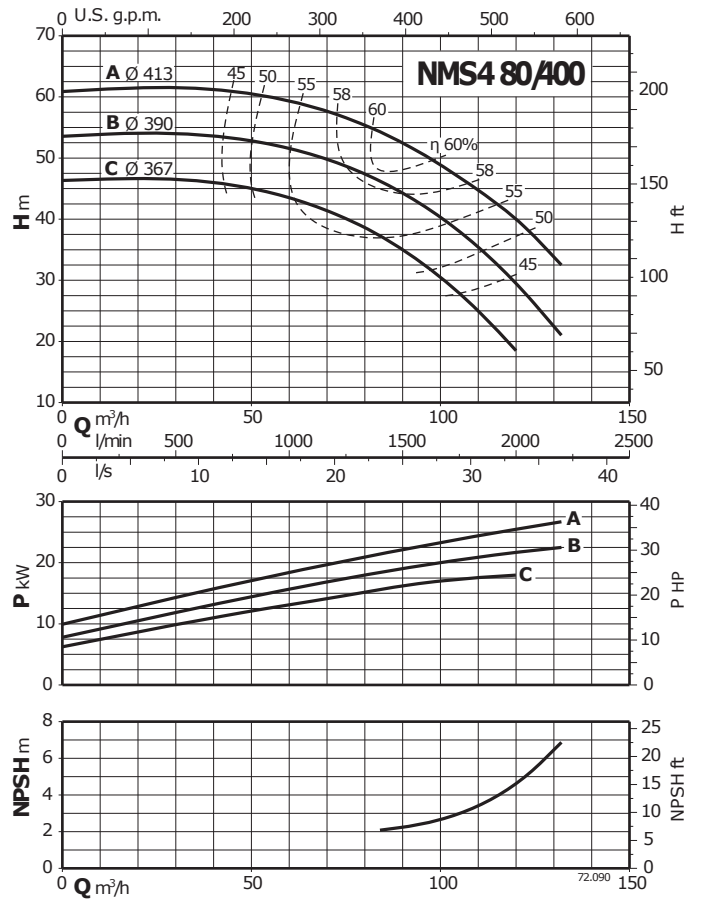
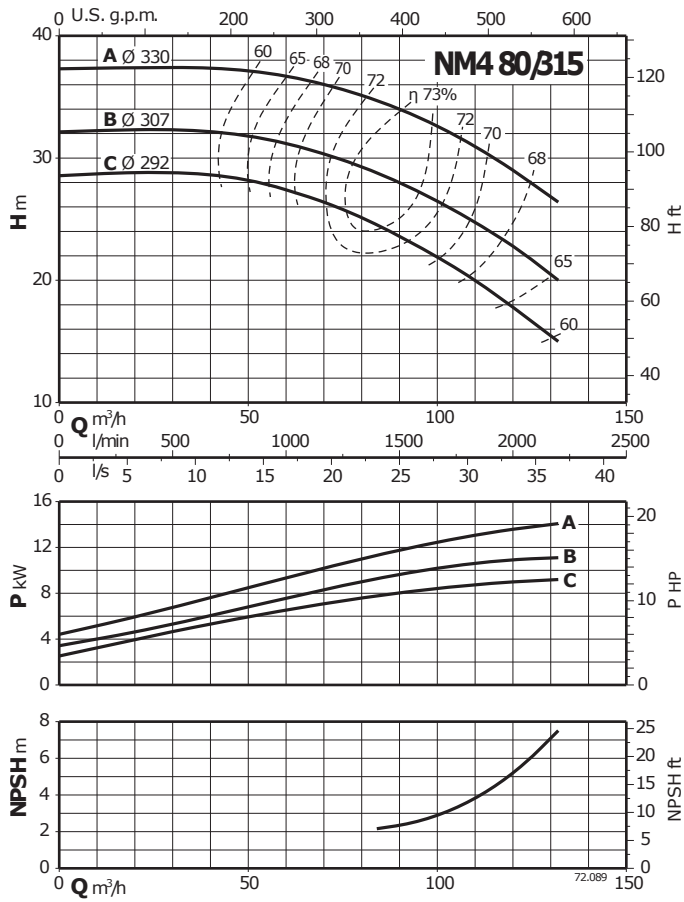
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Wykresy charakterystyk $n \approx 1450$ obr/min

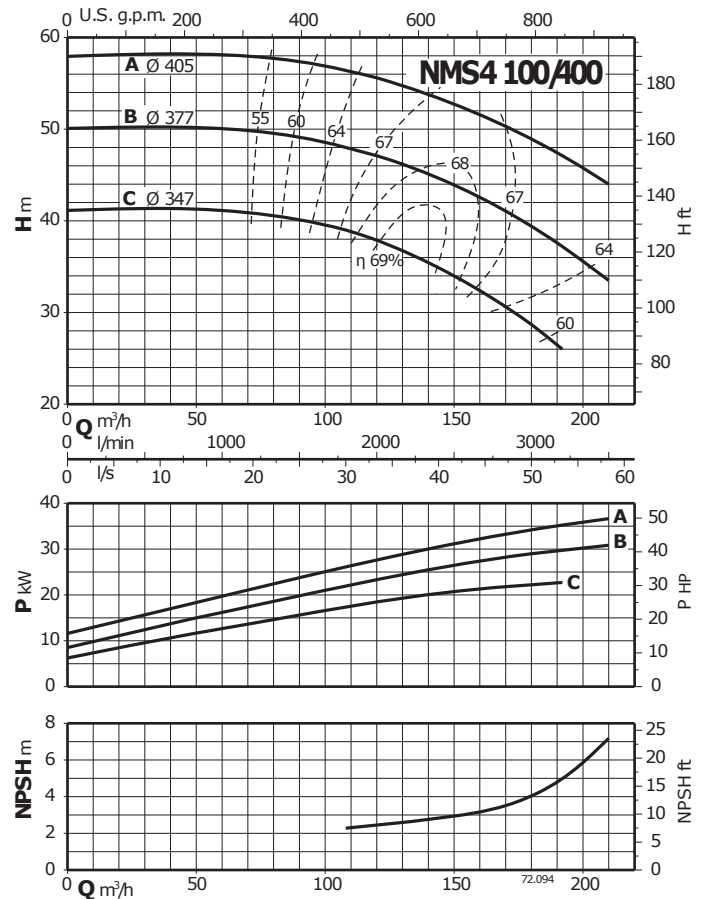
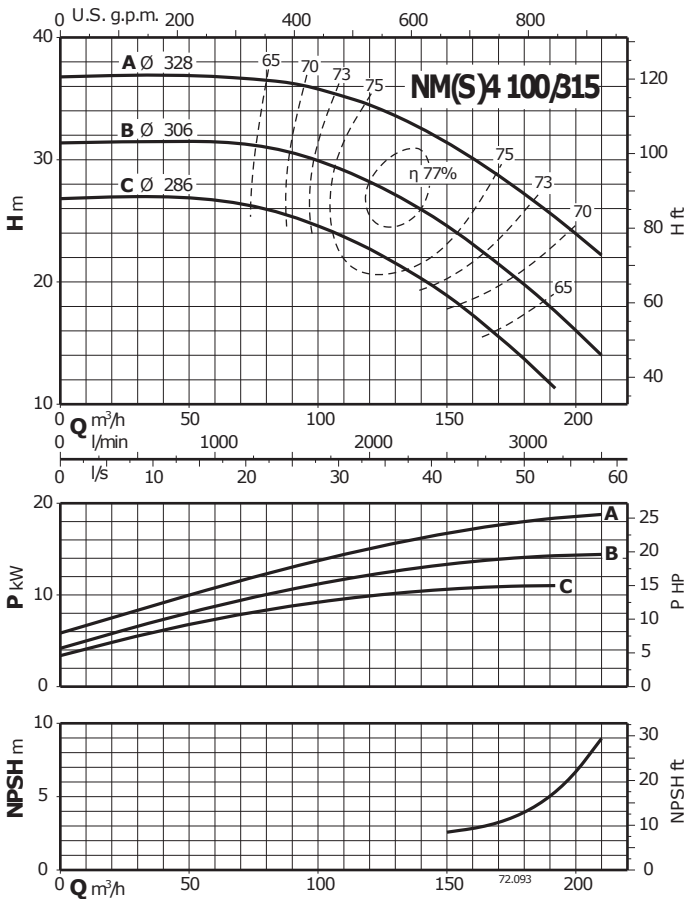
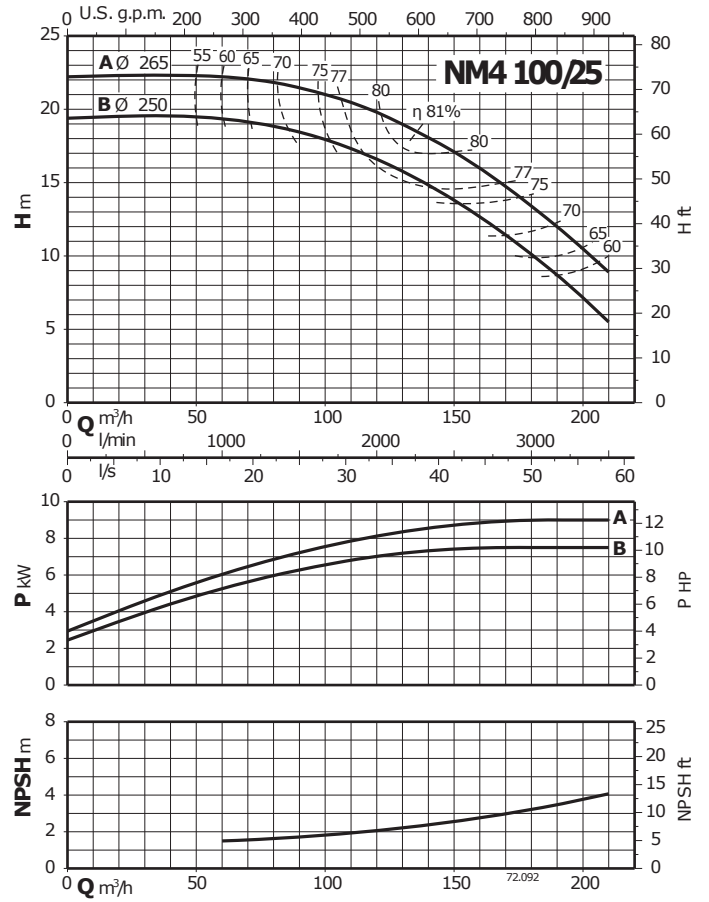
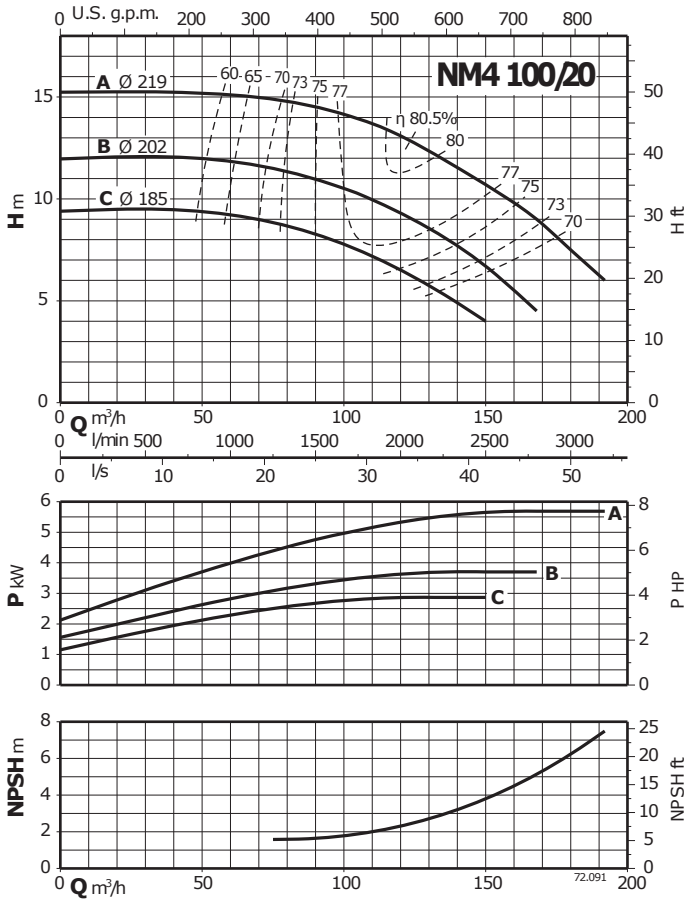


Wykresy charakterystyk $n \approx 1450$ obr/min



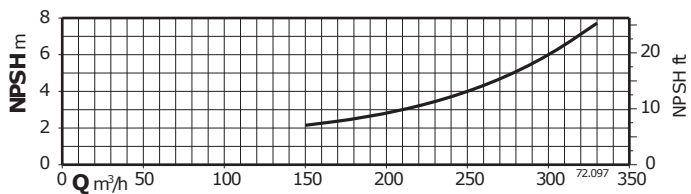
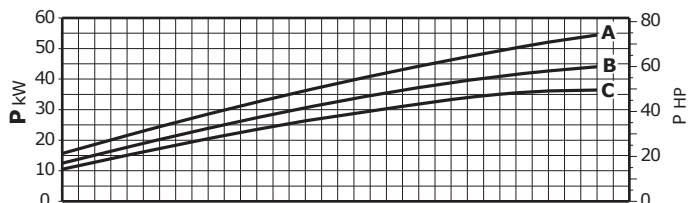
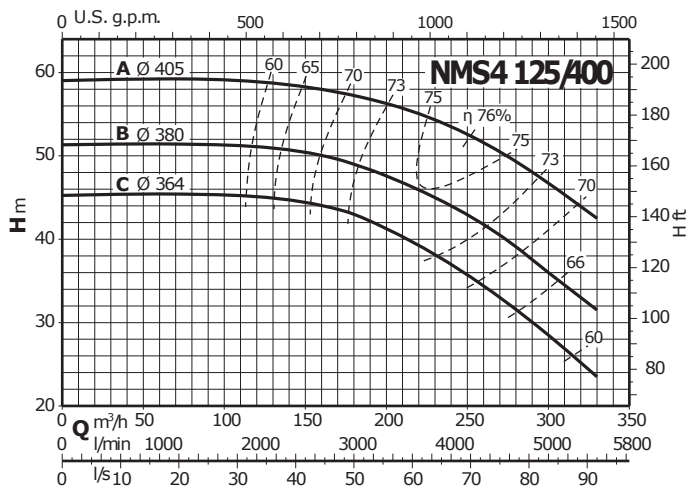
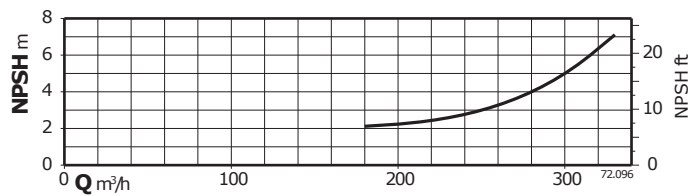
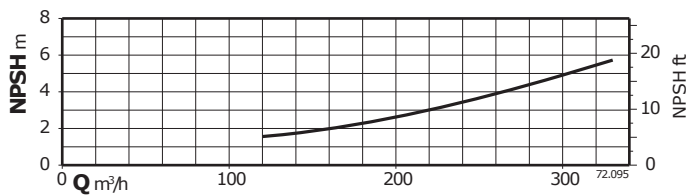
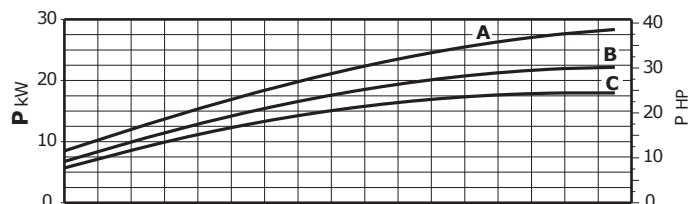
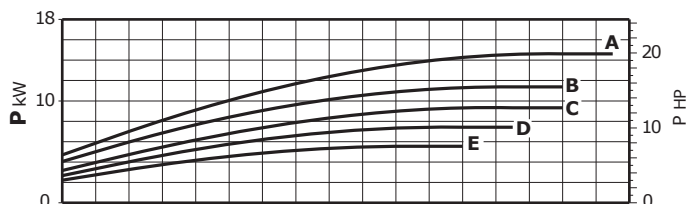
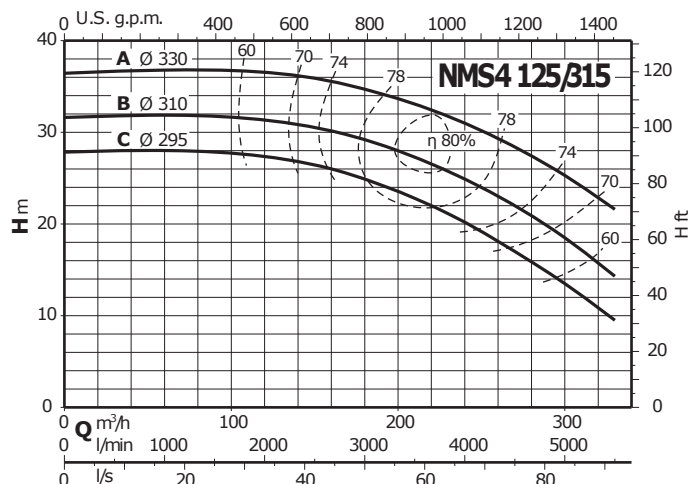
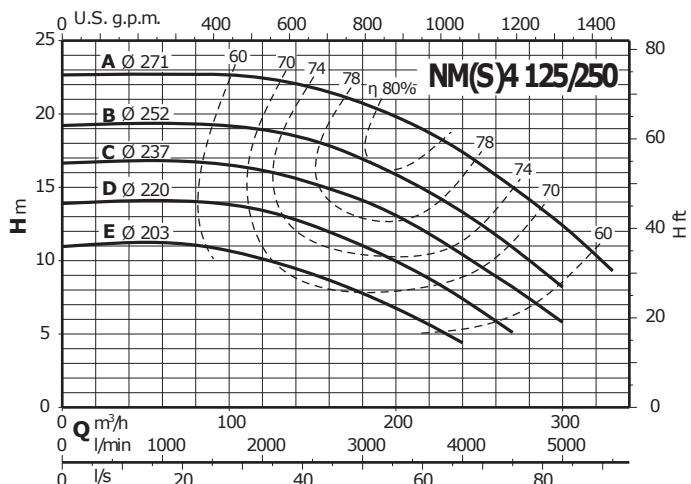
3

Wykresy charakterystyk $n \approx 1450$ obr/min

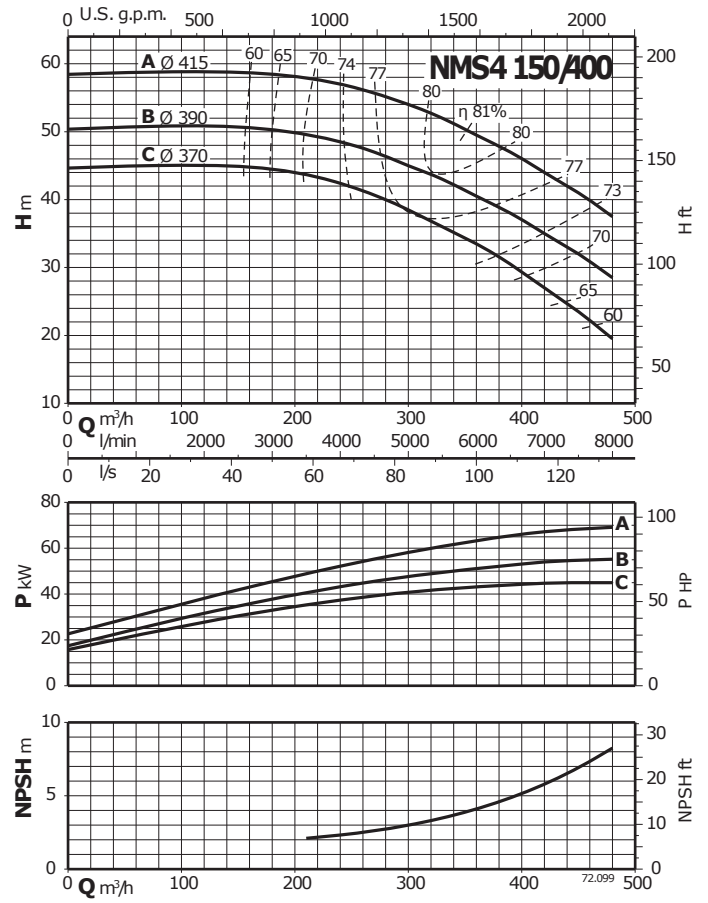
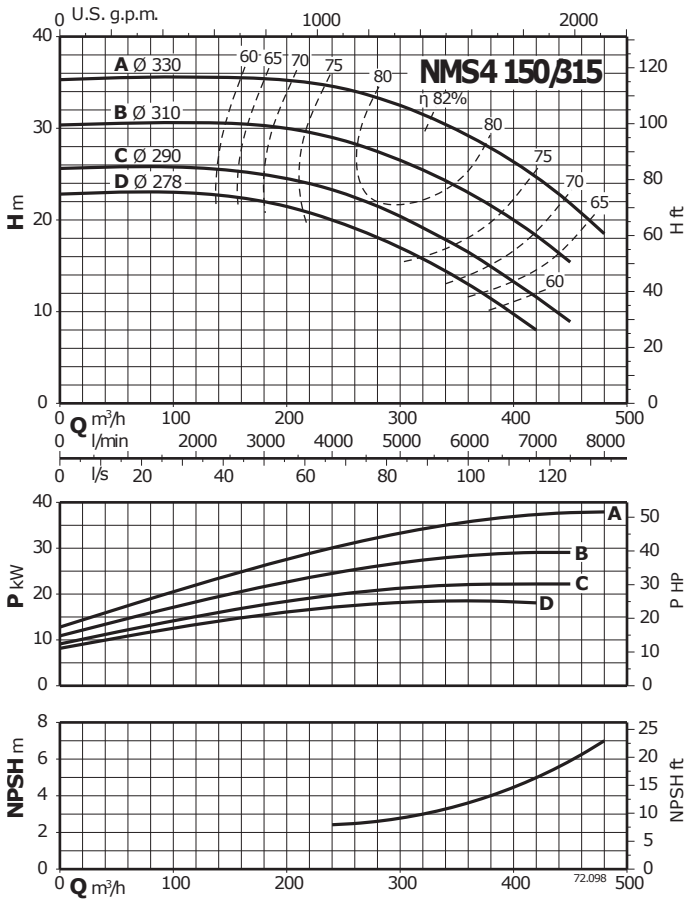


Wykresy charakterystyk $n \approx 1450$ obr/min

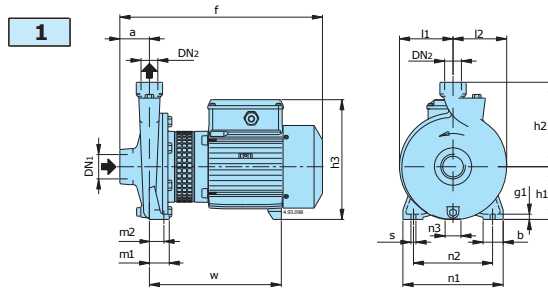
3



Wykresy charakterystyk $n \approx 1450$ obr/min



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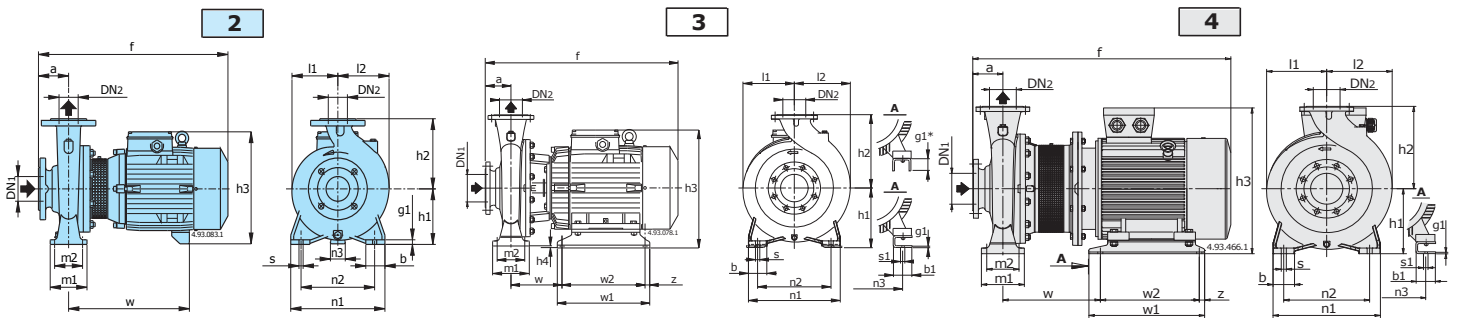


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Picture	NM4	DN1	DN2	mm														kg		
				a	f	h1	h2	h3	m1	m2	n1	n2	n3	b	s	l1	l2		w	g
1	NM4 25/12A/A	G 1 1/2	G 1	56	313	90	140	199	37,5	27,5	170	130	9	38	9,5	85	88	250	10	13,5
	NM4 25/160AE-BE			56	380	100	160	228	37,5	27,5	190	150	30	38	9,5	102	102	250	10	17,5
	NM4 25/200A/A-BE-CE			63	385	125	180	253	45	32,5	245	200	49	45	11,5	125	125	250	11	27-23-21,5

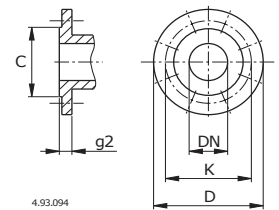
Y ^ \ [] æ ð Á Á ^ l j æ B-NM4

Picture	B-NM4	DN1	DN2	mm														kg		
				a	f	h1	h2	h3	m1	m2	n1	n2	n3	b	s	l1	l2		w	g
1	B-NM4 25/160AE-BE	G 1 1/2	G 1	56	380	100	160	228	37,5	27,5	190	150	30	38	9,5	102	102	250	10	19-19
	B-NM4 25/200A/A-BE-CE			63	400	125	180	253	45	32,5	245	200	49	45	11,5	125	125	250	11	29-25-23



Picture	B-NM4	DN1	DN2	mm																			kg						
				a	f	h1	h2	h3	h4	m1	m2	n1	n2	n3	z	b	b1	s	s1	l1	l2	w		w1	w2	g1			
2	B-NM4 32/16A-B	50	32	80	410	132	160	260	-	100	70	240	190	47	-	50	-	14	-	120	120	255	-	-	12	38-38			
	B-NM4 32/20A/A-B	50	32	80	410	160	180	288	-	100	70	240	190	62	-	50	-	14	-	140	140	255	-	-	12	45-41			
	B-NM4 40/16A/A-B-C	65	40	80	410	132	160	260	-	100	70	240	190	47	-	50	-	14	-	119	119	255	-	-	12	43-40-38			
	B-NM4 40/20A/A-B/A	65	40	100	470	160	180	288	-	100	70	265	212	62	-	50	-	14	-	140	140	255	-	-	12	55-55			
3	B-NM4 40/25/B/B-C/B	65	40	100	535	190	225	318	10	125	95	320	250	140	15	65	54	14	10	12	175	175	205	175	125	280	250	6	73-73
	B-NM4 40/25/A/B				560	190	225	350	10	125	95	320	250	190	15	65	60	14	12	175	175	125	280	250	6	79,5	89		
2	B-NM4 50/16A/A-B/A	65	50	100	470	160	180	288	-	100	70	265	212	62	-	50	-	14	-	127	141	255	-	-	12	55-55			
3	B-NM4 50/25/C/B	65	50	100	535	190	225	318	10	125	95	320	250	140	15	65	54	14	10	12	175	175	205	175	125	280	250	6	79,5
	B-NM4 50/25/A/B-B/B				560	190	225	350	10	125	95	320	250	190	15	65	60	14	12	175	175	125	280	250	6	105-92			
2	B-NM4 65/16B/A-C/A	80	65	100	470	160	200	288	-	125	95	280	212	62	-	65	-	14	-	150	172	255	-	-	15	63-63			
	B-NM4 65/16A/A				495	160	200	306	-	125	95	280	212	60	-	65	-	14	-	150	172	300	-	-	15	71			

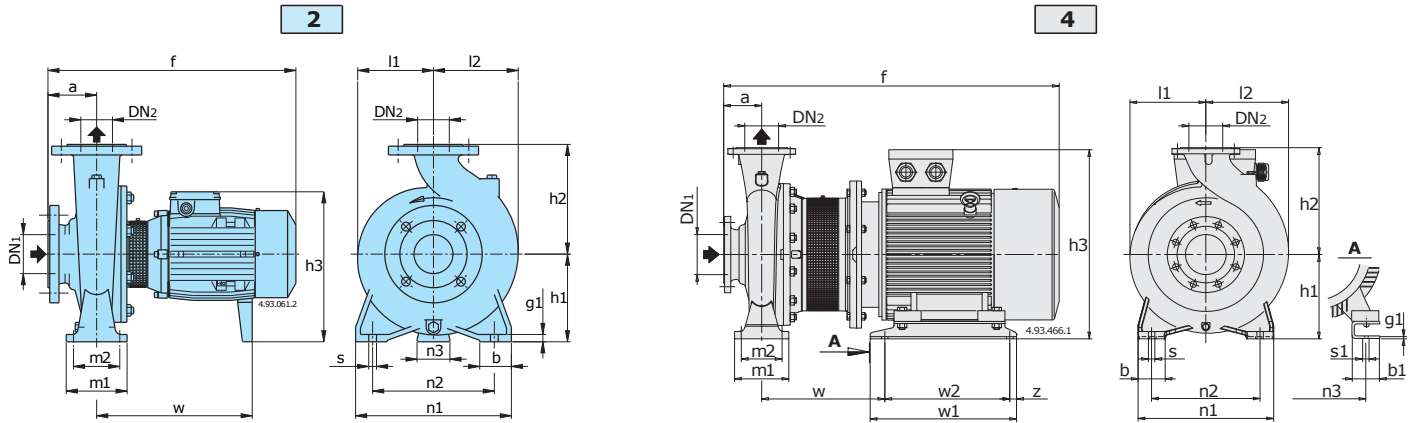
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mm						
DN	C	K	D	Holes		g2
				N°	Ø	
32	76	100	140	4	19	18
40	84	110	150	4	19	18
50	99	125	165	4	19	20
65	118	145	185	4	19	20
80	132	160	200	8	19	22
100	156	180	220	8	19	24
125	184	210	250	8	19	24
150	211	240	285	8	23	26
200	266	295	340	8	23	30

Picture	B-NMS4	DN1	DN2	mm																			kg			
				a	f	h1	h2	h3	h4	m1	m2	n1	n2	n3	z	b	b1	s	s1	l1	l2	w		w1	w2	g1
4	B-NMS4 80/315A-B	100	80	125	948	250	315	455	-	160	80	400	315	254	20	80	60	18	15	220	232	271	435	395	6	
	B-NMS4 80/400B-C	125	80	125	1025	280	355	538	-	160	80	435	355	318	25	80	70	18	15	268	268	318	520	435	6	
	B-NMS4 80/400A				1025	280	355	580	-	160	80	435	355	318	25	80	83	18	19	268	268	334	540	455	6	
	B-NMS4 100/315B-C	125	100	140	963	250	315	455	-	160	100	400	315	254	20	80	60	18	15	230	250	271	435	395	6	
B-NMS4 100/315A	1035				250	315	508	-	160	100	400	315	279	25	80	70	18	15	230	250	312	432	382	6		
4	B-NMS4 100/400C	125	100	140	1040	280	355	538	-	200	100	500	400	318	25	100	70	19	19	268	280	319	520	435	6	
	B-NMS4 100/400B				1040	280	355	580	-	200	100	500	400	318	25	100	83	22	19	268	280	334	540	455	6	
	B-NMS4 100/400A	1199	280	355	605	-	200	100	500	400	356	55	103	19	19	268	280	385	540	460	8					
	B-NMS4 125/250A-B	150	125	140	951	250	355	455	-	160	125	400	315	254	20	80	60	18	15	235	268	259	435	395	6	
	B-NMS4 125/315B-C	150	125	140	1040	280	355	538	-	200	125	500	400	279	25	100	70	22	15	247	278	318	520	435	6	
	B-NMS4 125/315A				1040	280	355	580	-	200	125	500	400	318	25	100	83	22	19	247	278	334	540	455	6	
	B-NMS4 125/400B-C	150	125	140	1199	315	400	640	-	200	125	500	400	356	25	100	103	22	24	280	305	385	540	461	8	
	B-NMS4 125/400A				1237	315	400	707	-	200	125	500	400	406	25	100	100	24	19	280	305	454	540	461	8	
	B-NMS4 150/315C-D	200	150	160	1060	280	400	538	-	200	150	550	450	279	25	100	70	15	15	260	298	318	520	435	6	
	B-NMS4 150/315B				1060	280	400	580	-	200	150	550	450	318	25	100	83	22	19	260	298	434	540	455	6	
	B-NMS4 150/315A	200	150	160	1219	315	450	605	-	200	150	550	450	356	25	100	103	19	19	295	328	406	540	460	8	
	B-NMS4 150/400C				1219	315	450	640	-	200	150	550	450	356	25	100	103	19	19	295	328	410	540	461	8	
B-NMS4 150/400B	200	150	160	1257	315	450	707	-	200	150	550	450	406	25	100	100	22	24	295	328	454	540	461	8		
B-NMS4 150/400A				1330	315	450	747	-	200	150	550	450	440	45	100	100	24	24	295	328	482	625	535	6		

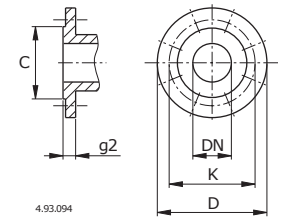
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Picture	NM4	mm																				kg				
		DN1	DN2	a	f	h1	h2	h3	h4	m1	m2	n1	n2	n3	z	b	b1	s	s1	l1	l2		w	w1	w2	g1
2	NM4 32/16AE-BE	50	32	80	410	132	160	260	-	100	70	240	190	47	-	50	-	14	-	120	120	255	-	-	12	30,5-30
	NM4 32/20A/A-BE	50	32	80	410	160	180	288	-	100	70	240	190	62	-	50	-	14	-	140	140	255	-	-	12	38-34,5
	NM4 40/16A/B-B/A-C/A	65	40	80	410	132	160	268	-	100	70	240	190	47	-	50	-	14	-	119	119	255	-	-	12	37-33-31
	NM4 40/20A/A-B/A	65	40	100	470	160	180	288	-	100	70	265	212	62	-	50	-	14	-	140	140	255	-	-	12	41-40,5
	NM4 40/25B/B-C/B	65	40	100	495	180	225	308	-	125	95	320	250	60	-	65	-	14	-	175	175	300	-	-	15	66,5-62
	NM4 40/25A/B				340			330														78				
	NM4 50/16A/B-B/B	65	50	100	470	160	180	288	-	100	70	265	212	62	-	50	-	14	-	127	141	255	-	-	12	40-39,5
	NM4 50/20C/B	65	50	100	480	160	200	288	-	100	70	265	212	62	-	50	-	14	-	140	153	265	-	-	14	44,5
	NM4 50/20A/B-B/B				505			60														310				57-52,5
	NM4 50/25C/B-D/A	65	50	100	490	180	225	308	-	125	95	320	250	60	-	65	-	14	-	175	175	300	-	-	15	68
	NM4 50/25A/B-B/B				530			60														330				85,5-78
	NM4 65/16B/A-C/A	80	65	100	470	160	200	288	-	125	95	280	212	62	-	65	-	14	-	150	172	255	-	-	15	48-48
	NM4 65/16A/A				495			60														300				54,5
	NM4 65/20B/A	80	65	100	505	180	225	308	-	125	95	320	250	60	-	65	-	14	-	155	175	310	-	-	15	61
	NM4 65/20A/A				525			340														73,5				
	NM4 65/25B/A	80	65	100	540	200	250	360	-	160	120	360	280	60	-	80	-	18	-	175	190	345	-	-	18	97
	NM4 65/25A/A				645			385														116				
	NM4 65/31B/A-C/A	80	65	125	670	225	280	410	-	160	120	400	315	75	-	80	-	18	-	220	220	415	-	-	20	164-153
	NM4 65/31A/A				720			60														176				
	NM4 80/16C/A	100	80	125	495	180	225	288	-	125	95	320	250	62	-	65	-	14	-	165	193	255	-	-	15	53
	NM4 80/16A/A-B/A				520			60														65,5-61				
NM4 80/20C/A	100	80	125	540	180	250	308	-	125	95	345	280	60	-	65	-	14	-	170	194	320	-	-	15	74,5	
NM4 80/20A/A-B/A				560			340														91-82					
NM4 80/25C/A	100	80	125	565	200	280	360	-	160	120	400	315	60	-	80	-	18	-	191	210	335	-	-	20	102	
NM4 80/25A/A-B/A				670			385														135-124					
NM4 80/31C/A	100	80	125	720	250	315	435	-	160	120	400	315	90	-	80	-	18	-	220	232	465	-	-	20	181	
3	NM4 80/315A/A-B/A	100	80	125	850	260	315	466	10	160	120	400	315	254	20	80	74	18	14	220	232	210	435	395	6	269-248
	NM4 100/20B/A-C/A	125	100	125	565	200	280	360	-	160	120	360	280	60	-	80	-	18	-	180	212	330	-	-	20	99-90
	NM4 100/20A/A				665			385														109				
2	NM4 100/25B/A	125	100	140	685	225	280	410	-	160	120	400	315	75	-	80	-	18	-	205	233	415	-	-	20	143
	NM4 100/25A/A				735			60														152				
3	NM4 100/315B/A-C/A	125	100	140	865	260	315	466	10	160	120	400	315	254	20	80	74	18	14	230	250	210	435	395	6	280-261
2	NM4 125/25D/A-E/A	150	125	140	685	250	355	435	-	160	120	400	315	90	-	80	-	18	-	235	268	415	-	-	20	161-149
	NM4 125/25C/A				735			60														173				
3	NM4 125/250A/A-B/A	150	125	140	865	260	355	466	10	160	120	400	315	254	20	80	74	18	14	235	268	210	435	395	6	261-243



mm						
DN	C	K	D	Holes		
				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
150	211	240	285	8	23	26
200	266	295	340	8	23	30

Picture	NMS4	mm																				kg					
		DN1	DN2	a	f	h1	h2	h3	h4	m1	m2	n1	n2	n3	z	b	b1	s	s1	l1	l2		w	w1	w2	g1	
	NMS4 80/400B-C	125	80	125	1025	280	355	538	-	160	80	435	355	318	25	70	15	18	15	19	268	268	318	520	435	6	-
	NMS4 80/400A				1025			580															413				
	NMS4 100/315A	125	100	140	1035	250	315	508	-	160	100	400	315	279	25	80	70	18	15	230	250	312	432	382	6	308	
	NMS4 100/400C				1040			538														366					
	NMS4 100/400B	125	100	140	1040	280	355	580	-	200	100	500	400	318	25	100	83	22	19	268	280	334	540	455	6	419	
	NMS4 100/400A				1199			605														506					
	NMS4 125/315B-C	150	125	140	1040	280	355	538	-	200	125	500	400	279	25	100	70	22	15	19	247	278	318	520	435	6	356-331
	NMS4 125/315A				1040			580															366				
	NMS4 125/400B-C	150	125	140	1199	315	400	640	-	200	125	500	400	356	25	100	103	22	19	280	305	385	540	461	8	-	
	NMS4 125/400A				1237			707														524					
	NMS4 150/315C-D	200	150	160	1060	280	400	538	-	200	150	550	450	279	25	100	83	22	15	19	260	298	318	520	435	6	374-349
	NMS4 150/315B				1060			580															421				
	NMS4 150/315A	200	150	160	1219	315	450	605	-	200	150	550	450	356	25	100	103	19	24	295	328	406	540	460	8	-	
	NMS4 150/400C				1219			640														594					
	NMS4 150/400B	200	150	160	1257	315	450	707	-	200	150	550	450	406	25	100	100	22	24	295	328	454	540	461	8	715	
	NMS4 150/400A				1330			747														6					