

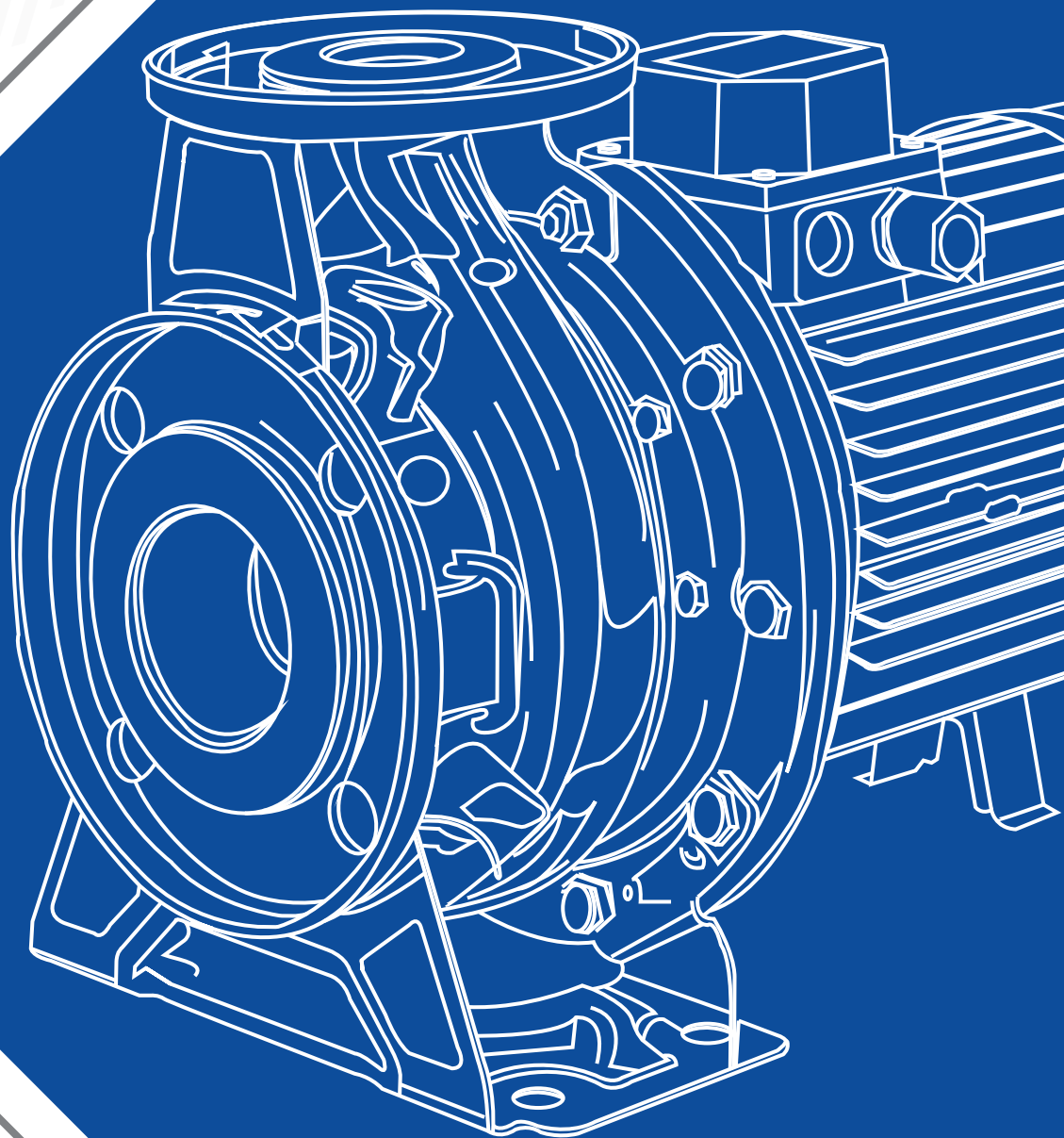
FAMCO

هایپر صنعت

- www.famco.co.ir
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PUMPS
پمپ



Catalog 2018 • • Symbol of the dynamism in industry

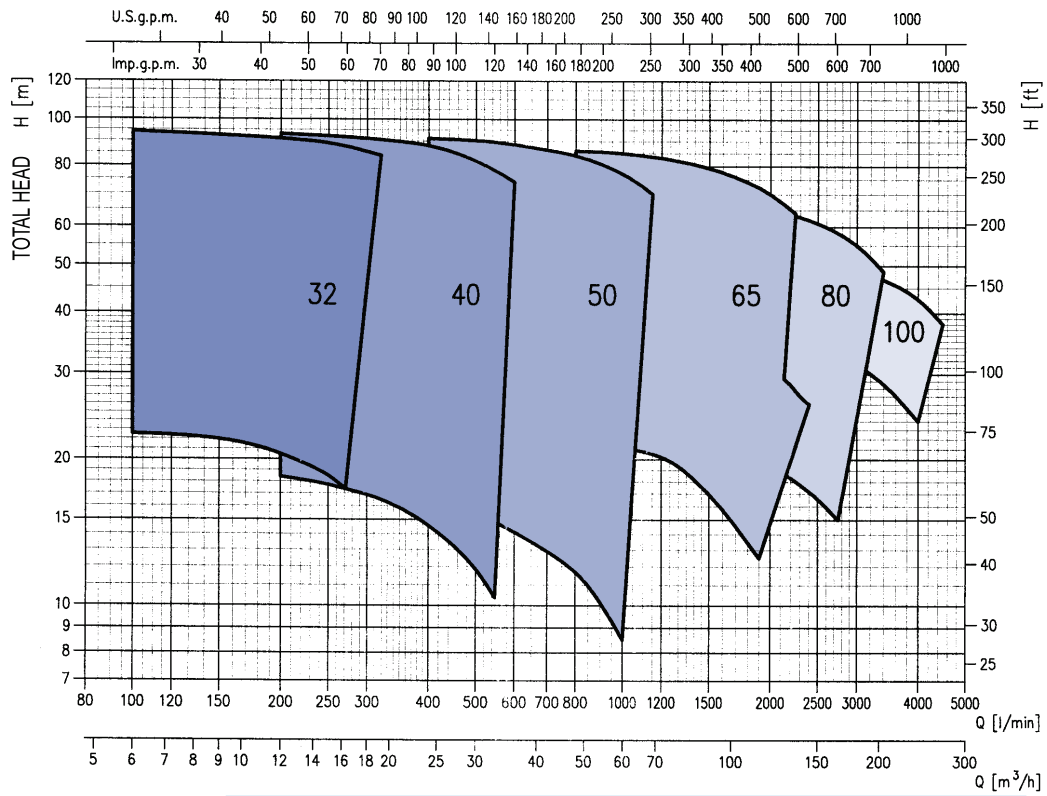
MD-MMD Series CENTRIFUGAL PUMPS in cast iron



الکتروپمپ های سانتریفوژ چدنی سری (MD-MMD)

مناسب برای افزایش فشار، سیستمهای گرمایشی، تهویه مطبوع، سیستمهای شستشو و بسیاری از مصارف صنعتی دیگر

موتور	
سه فاز 2900, 1450 تک فاز 2900	دور موتور (rpm)
F	کلاس عایق بندی
IP 55	درجه محافظت
توکار (فقط برای موتور تکفاز)	خازن
50	فرکانس (Hz)
برای موتورهای سه فاز توسط مصرف کننده تامین میگردد. برای موتور تکفاز در نظر گرفته شده است.	محافظ حرارتی اتوماتیک اضافه بار
آلومینیوم	جنس پوسته



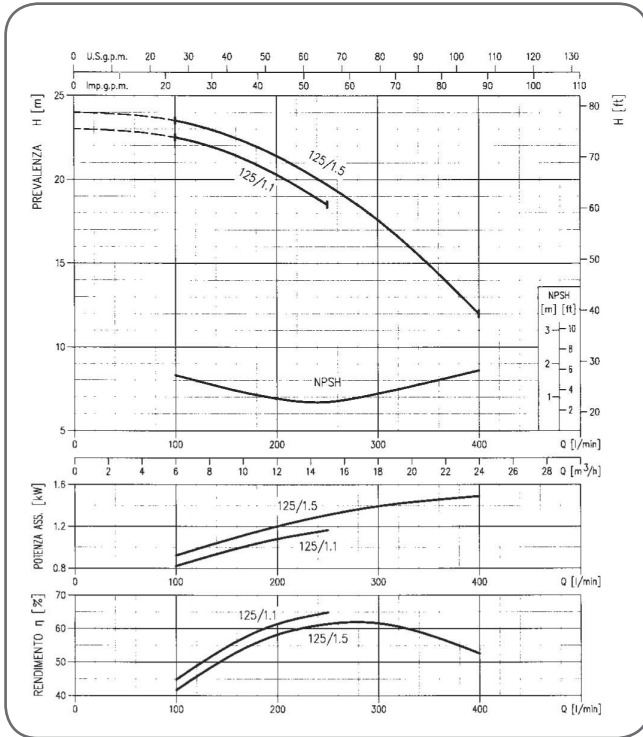
پمپ		
آب تمیز و سیالات خوردنده ملایم	نوع مایع	مشخصات سیال
حداقل 10- حداکثر 110	حداکثر دما (°C)	
10		حداکثر فشار (Bar)
سانتریفوژ بسته	پروانه	ساختار
سیل مکانیکی	نوع آب بندی	
پلپرینگ دور و بسته با گریس دائمی	یاتاقان	اتصالات لوله
(50-65-80-100)	فلنج مکش (mm)	
(32-40-50-65-80)	فلنج رانش (mm)	جنس
استیل (3LM)316 استیل 316 ریخته شده (3LM80)	پوسته	
استیل (3LM)316 استیل 316 ریخته شده (3LM65.80)	پروانه	
316 استیل	کاسه (محل استقرار سیل)	
(Sic/Sic/FPM(3L-3L80 HS Series (Carbon/Ceramic/Viton(H Version	سیل مکانیکی	
(Sic/Sic/FPM(3L80 E Version		
316 استیل	شفت	
چدن	واسطه	

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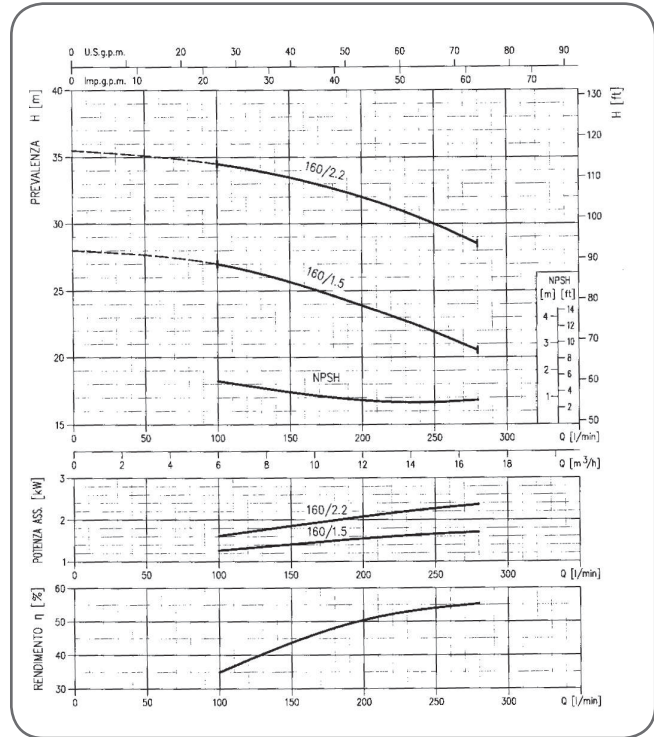
PERFORMANCE CURVES

MD/2 POLES

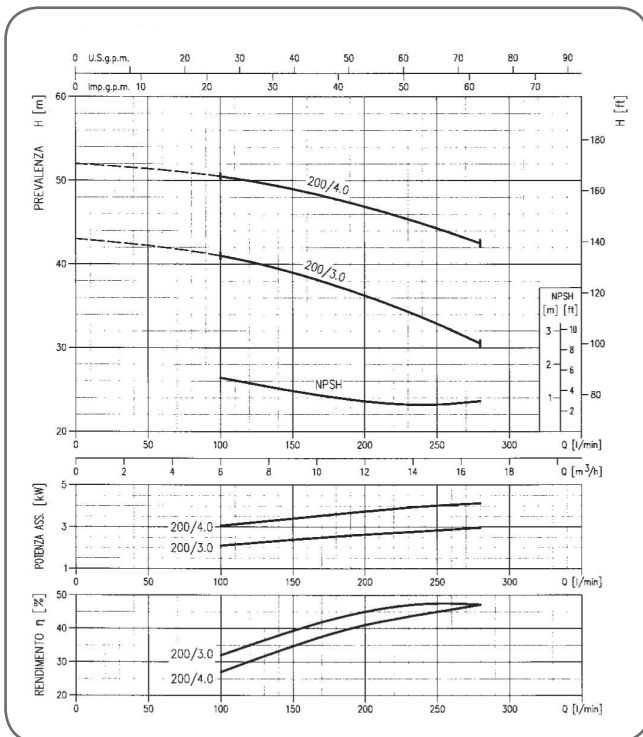
MD 32-125



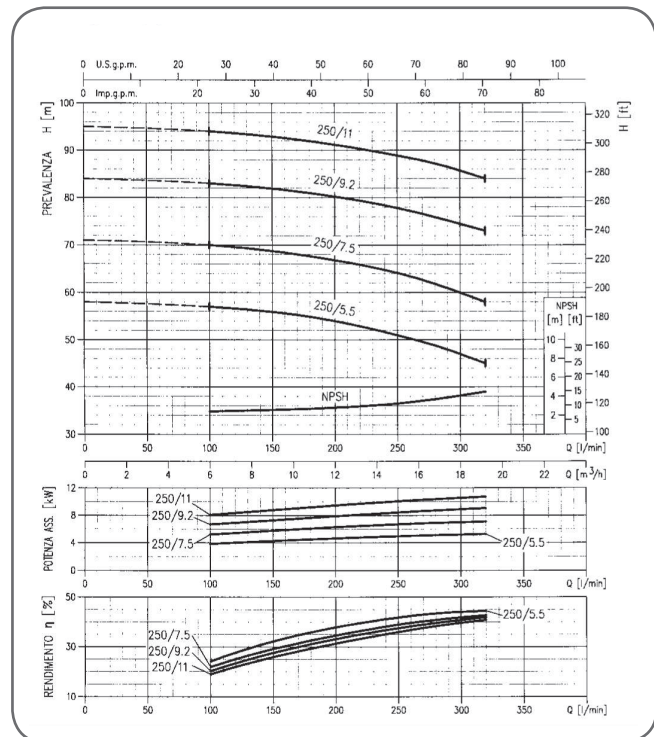
MD 32-160



MD 32-200



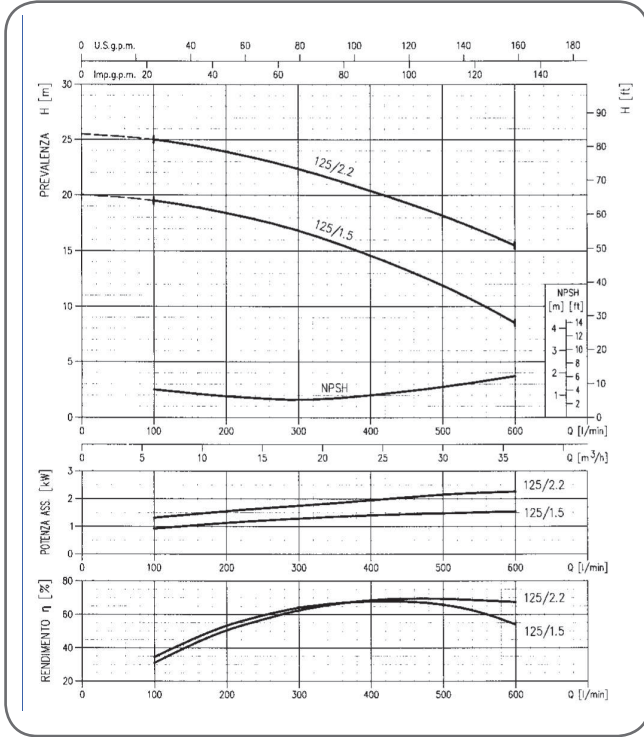
MD 32-250



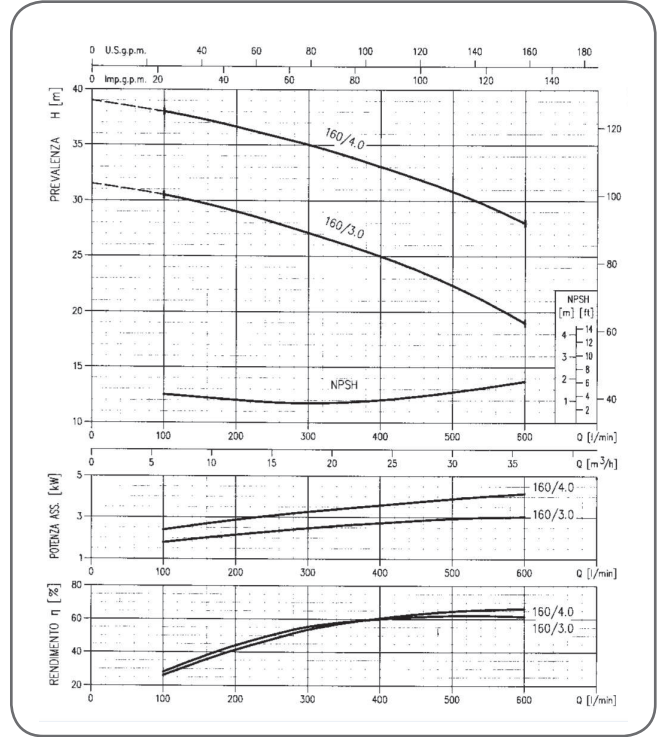
PERFORMANCE CURVES

MD/2 POLES

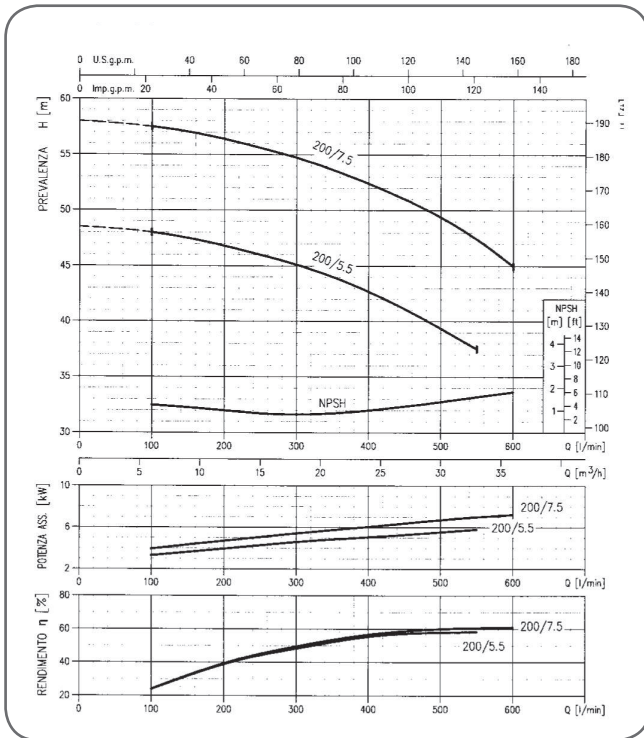
MD 40-125



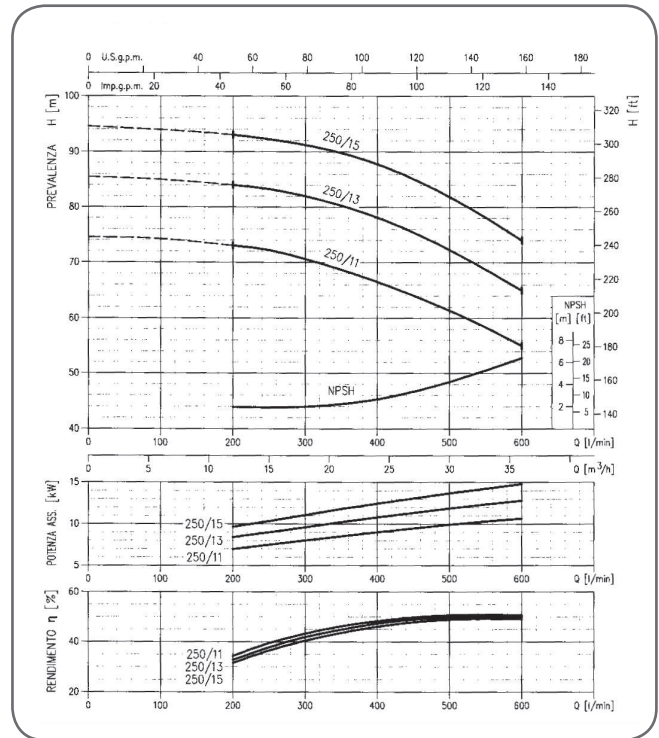
MD 40-160



MD 40-200



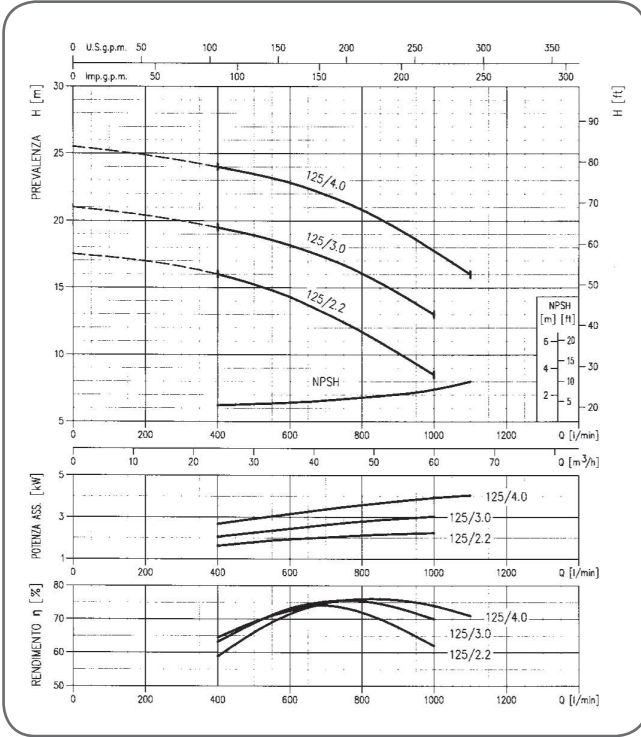
MD 40-250



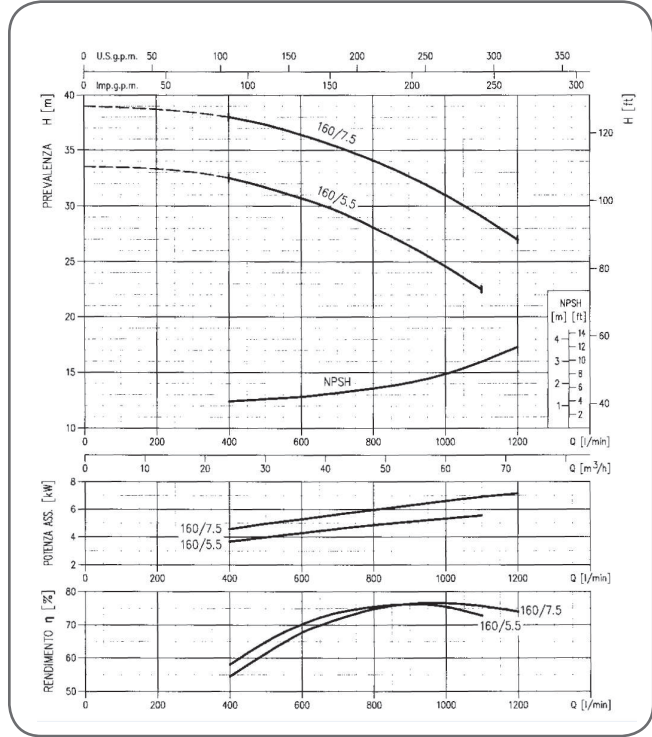
PERFORMANCE CURVES

MD/2 POLES

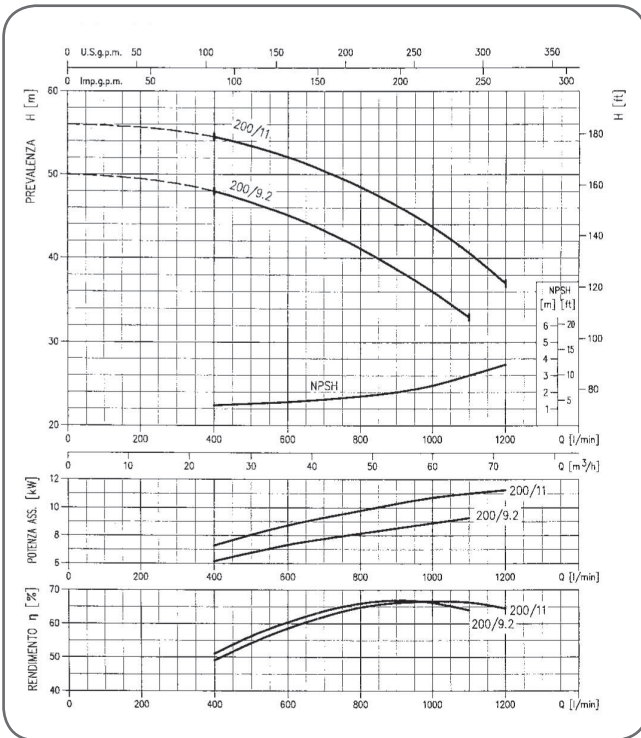
MD 50-125



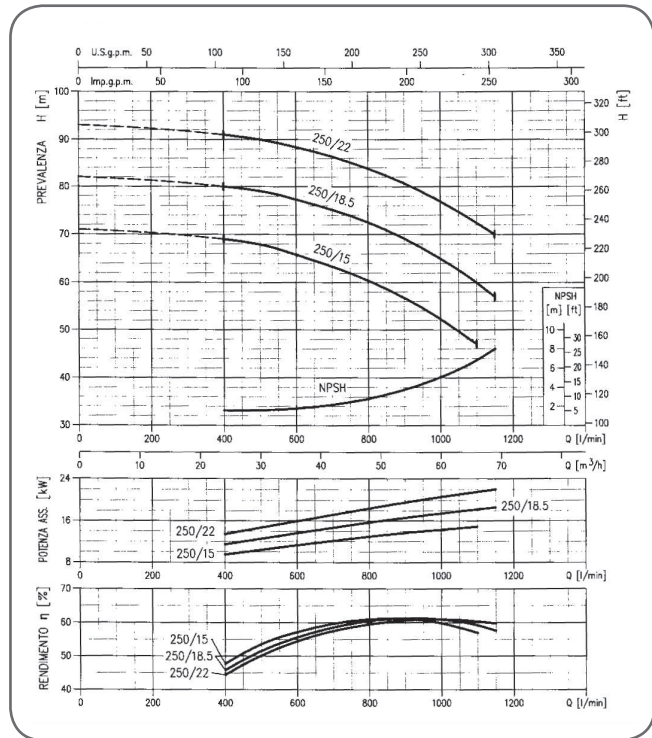
MD 50-160



MD 50-200



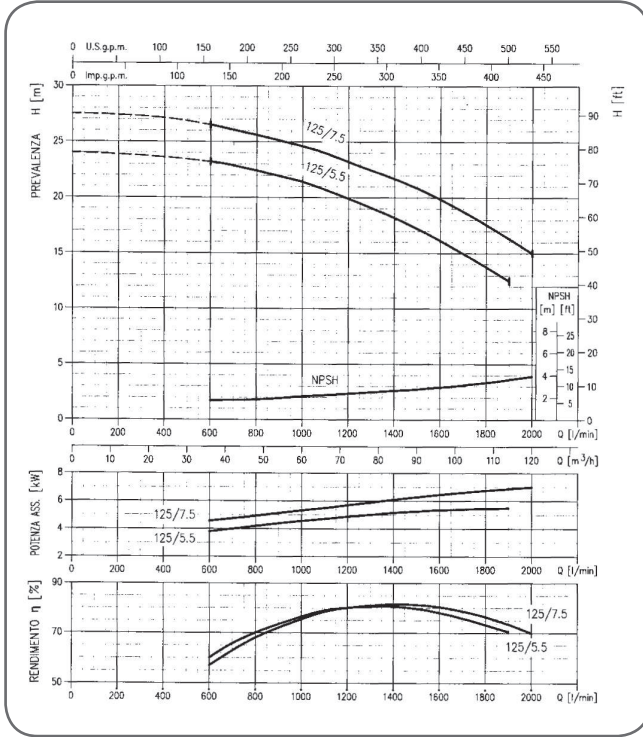
MD 50-250



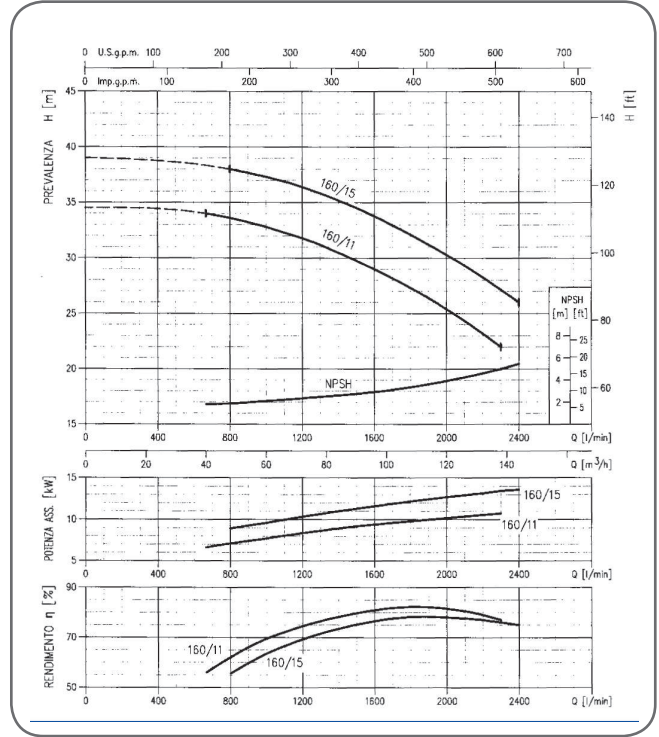
PERFORMANCE CURVES

MD/2 POLES

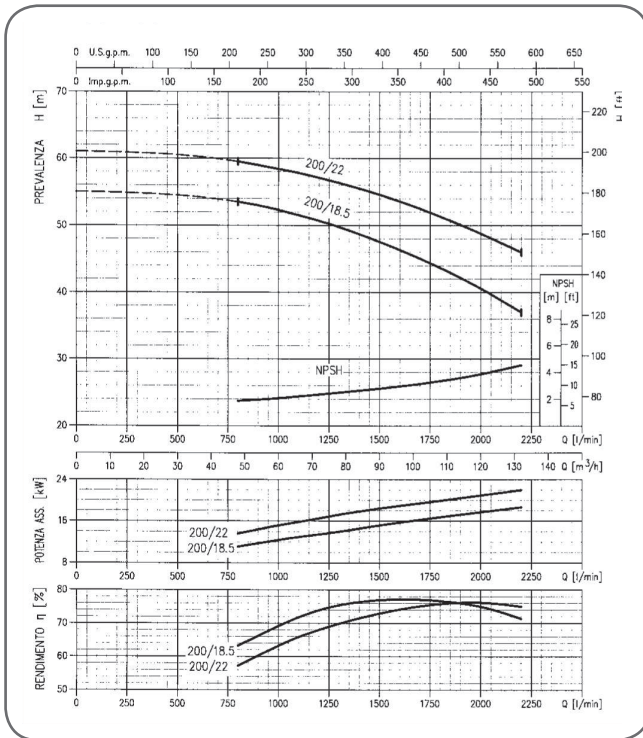
MD 65-125



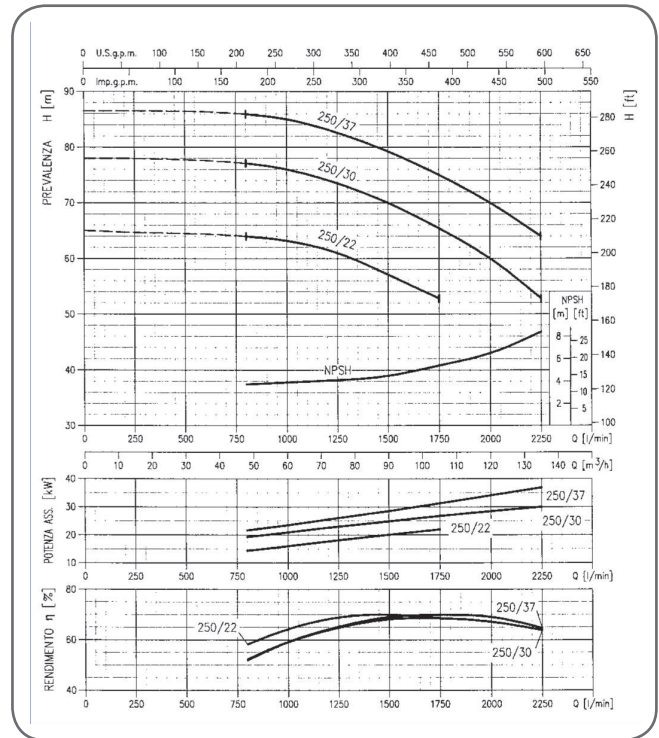
MD 65-160



MD 65-200



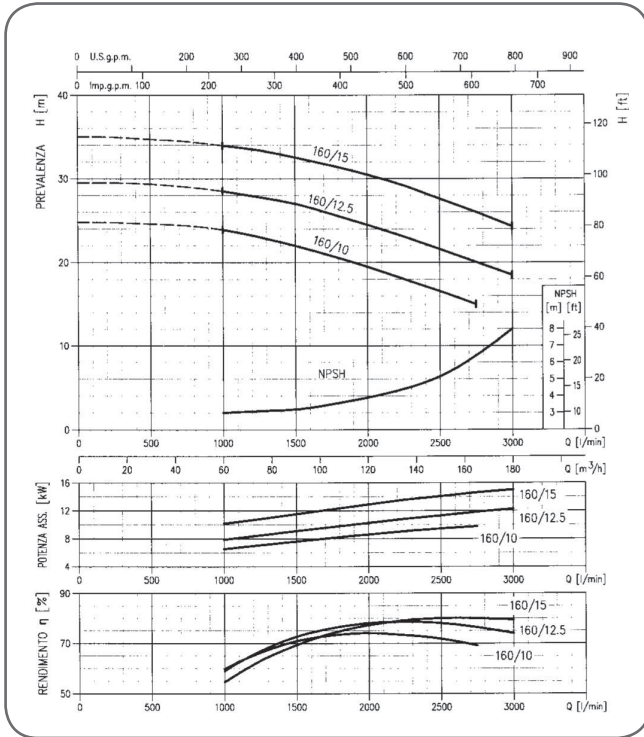
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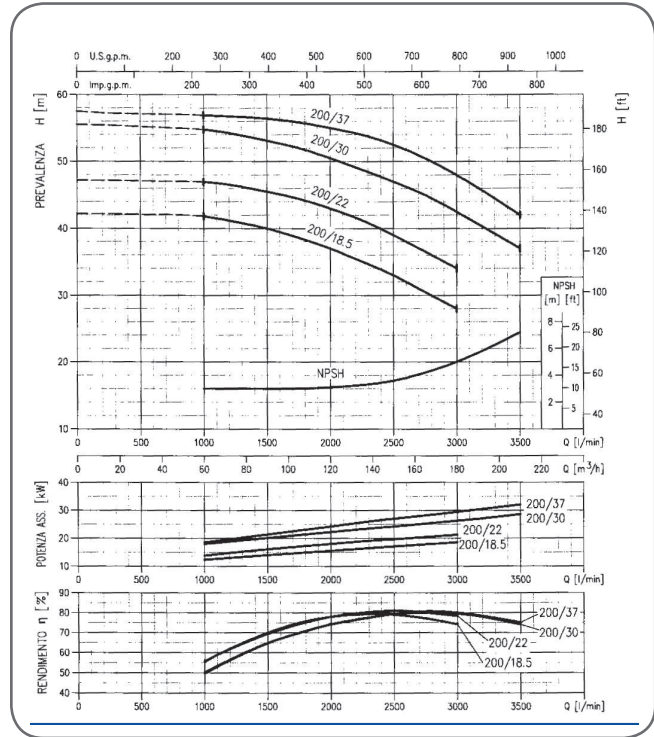
PERFORMANCE CURVES

MD/2 POLES

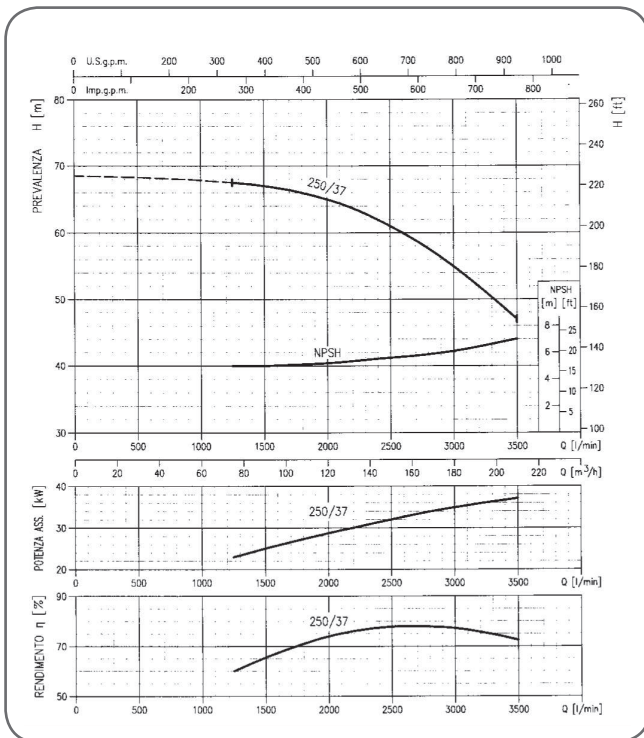
MD 80-160



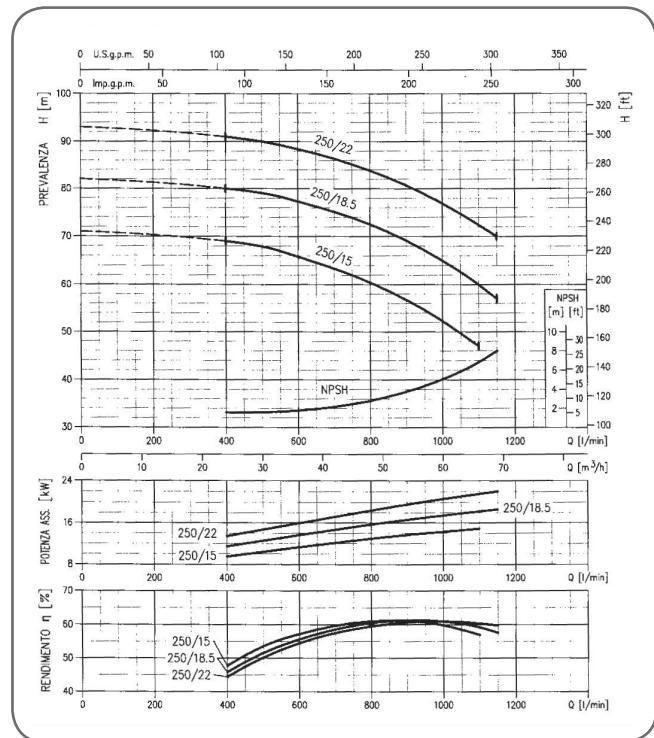
MD 80-200



MD 80-250



MD 100-200

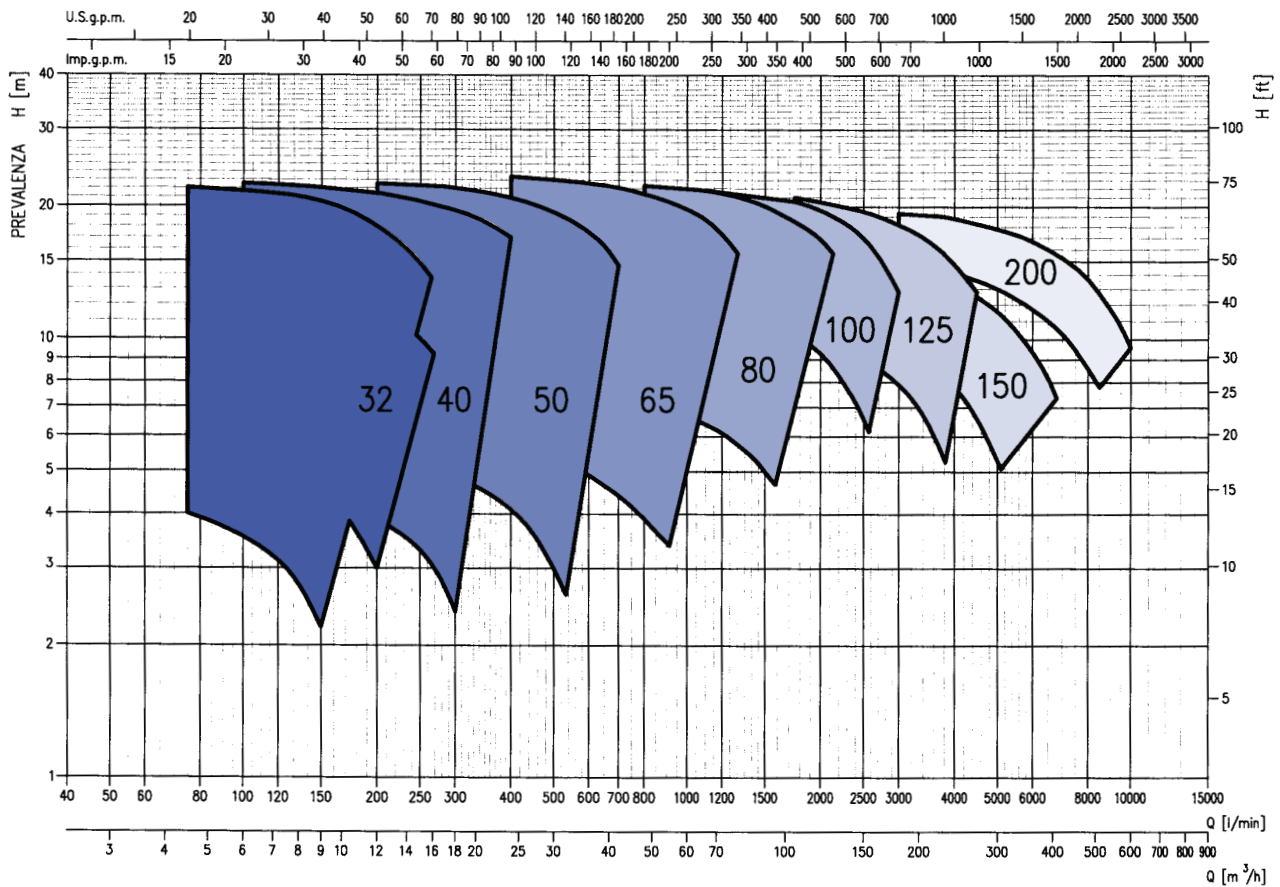


MD-MMD Series CENTRIFUGAL PUMPS in cast iron 4 Poles/1450 rpm



الکتروپمپ های سانتریفوژ چدنی سری (MD-MMD)

مناسب برای افزایش فشار، سیستمهای گرمایشی، تهویه مطبوع، سیستمهای شستشو و بسیاری از مصارف صنعتی دیگر

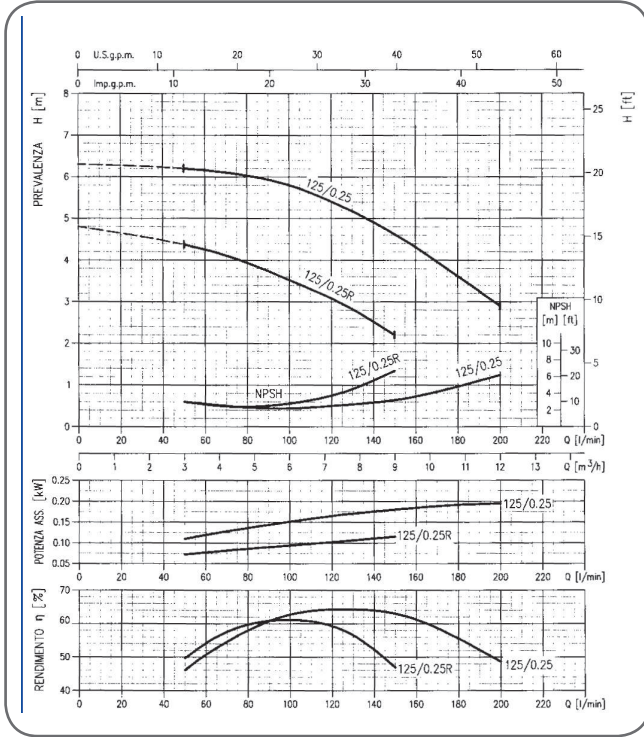


R.P.M. ≈ 1450 min⁻¹
 test fluid: Clean water 20°C
 Applicable standard: UNI EN ISO 9906 Annex A

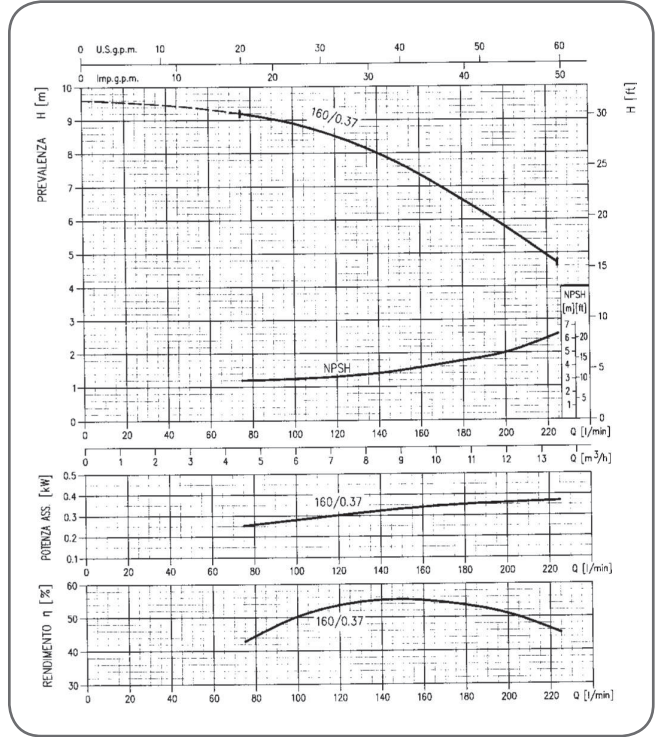
PERFORMANCE CURVES

MMD4 / 4 POLES

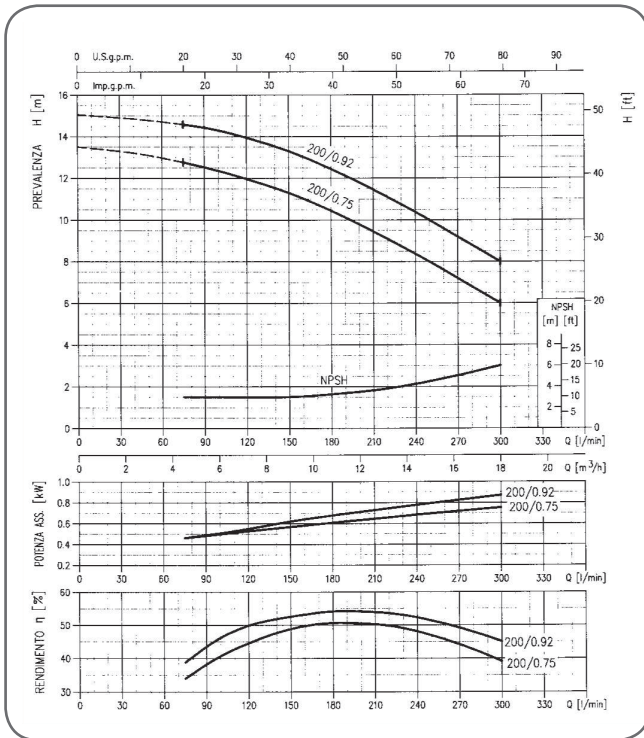
MMD4 32-125



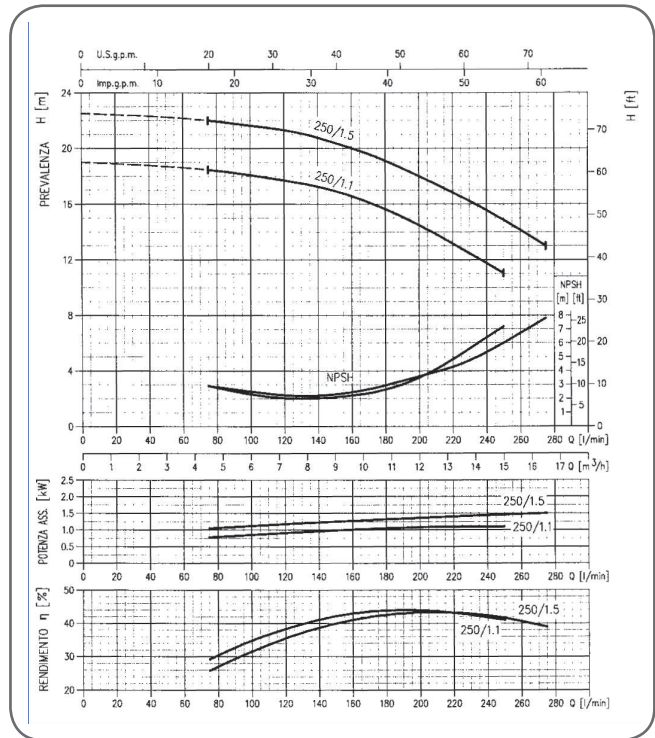
MMD4 32-160



MMD4 32-200



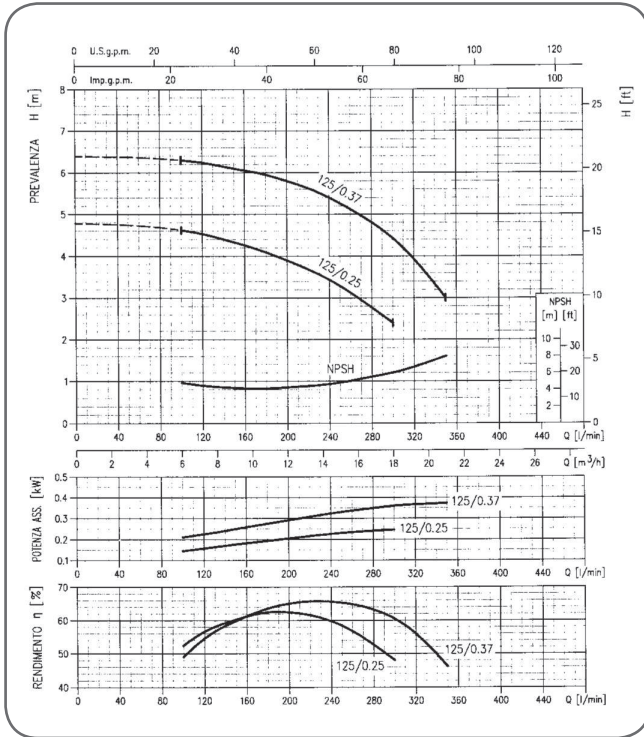
MMD4 32-250



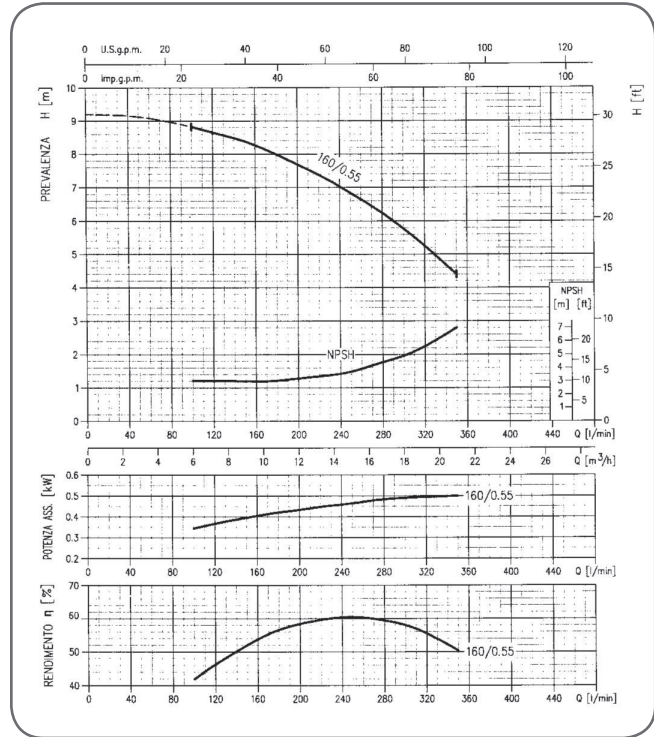
PERFORMANCE CURVES

MMD4 /4 POLES

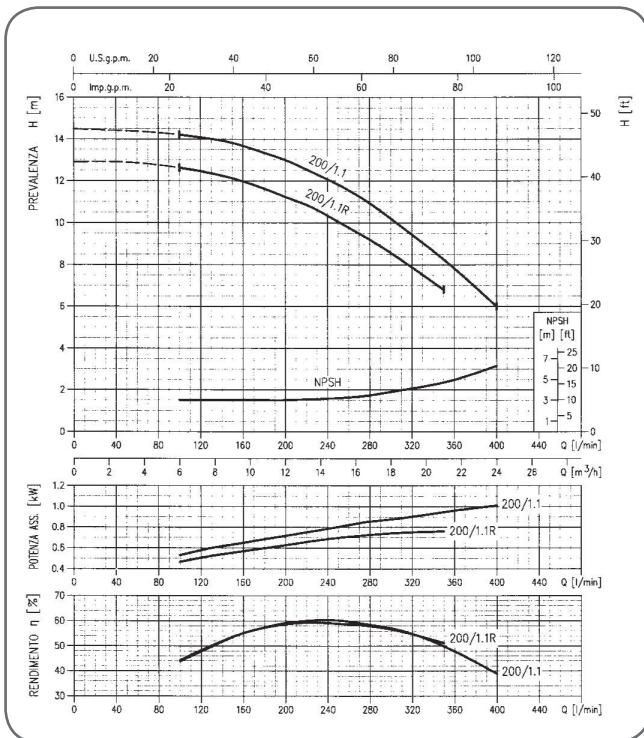
MMD4 40-125



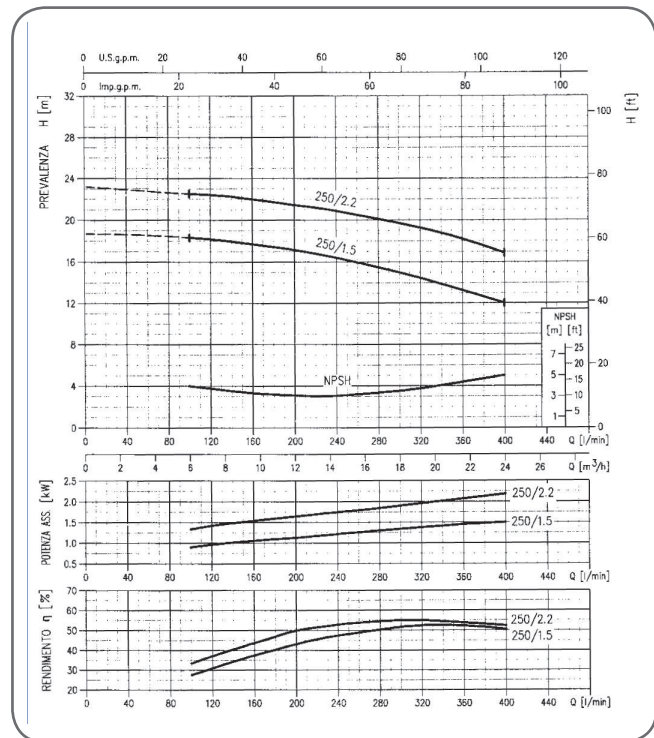
MMD4 40-160



MMD4 40-200



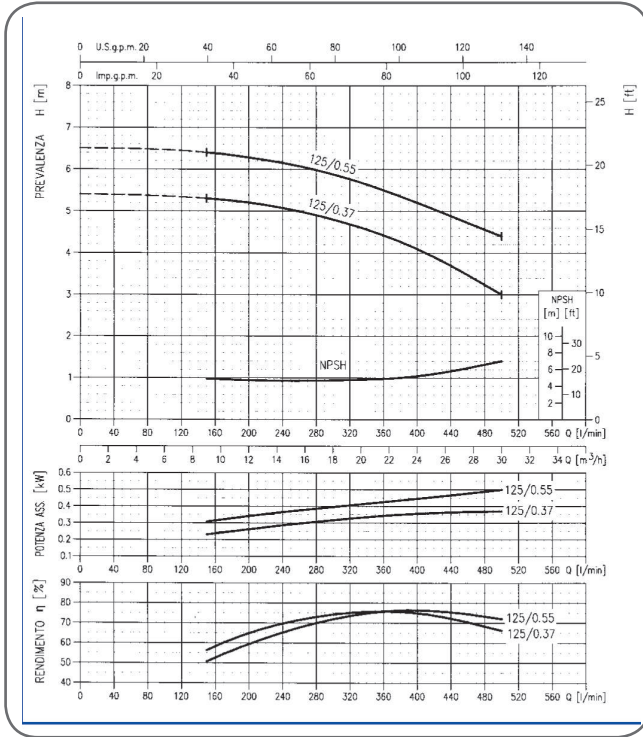
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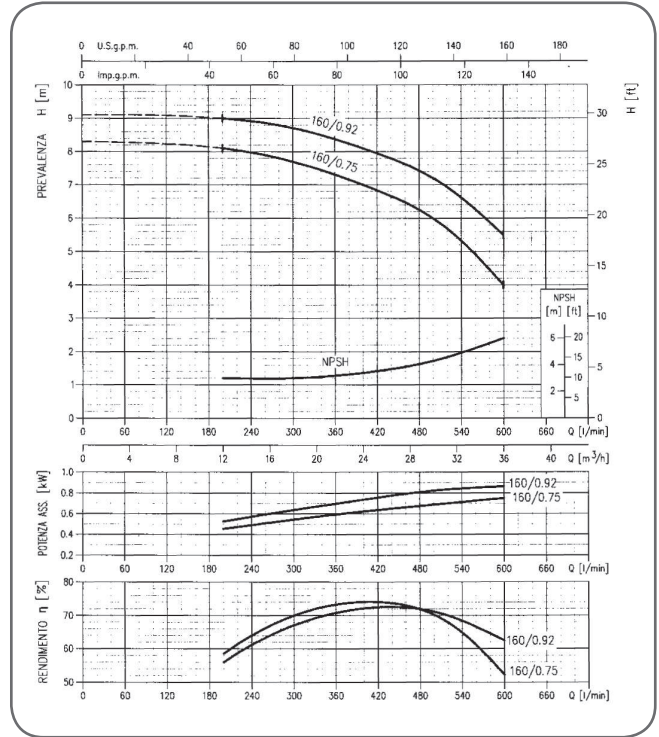
PERFORMANCE CURVES

MMD4 /4 POLES

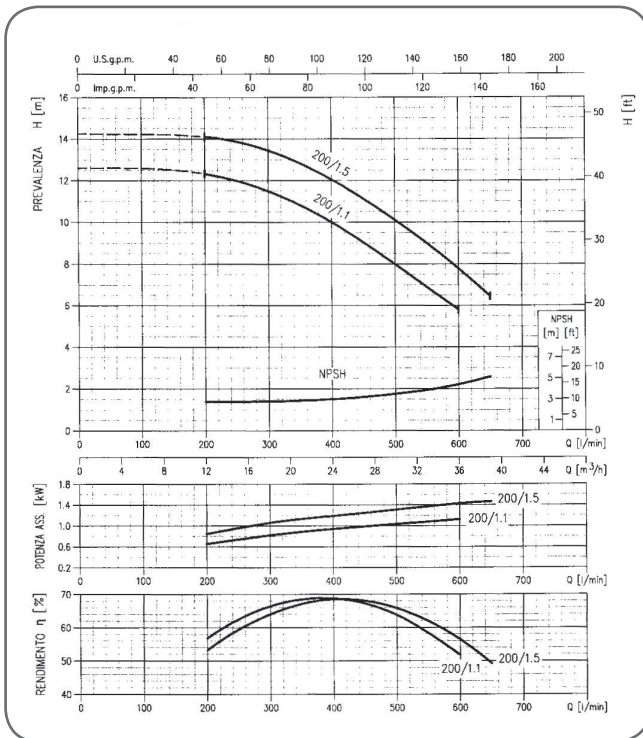
MMD4 50-125



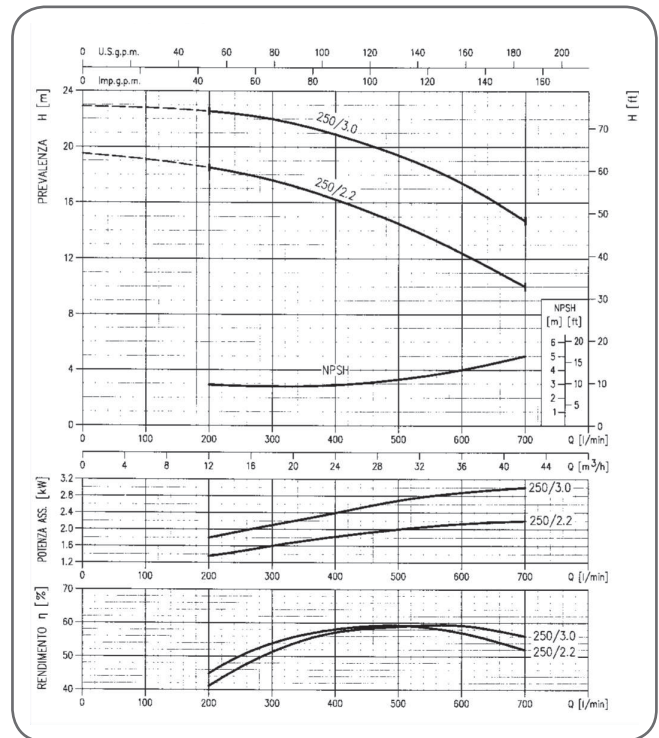
MMD4 50-160



MMD4 50-200



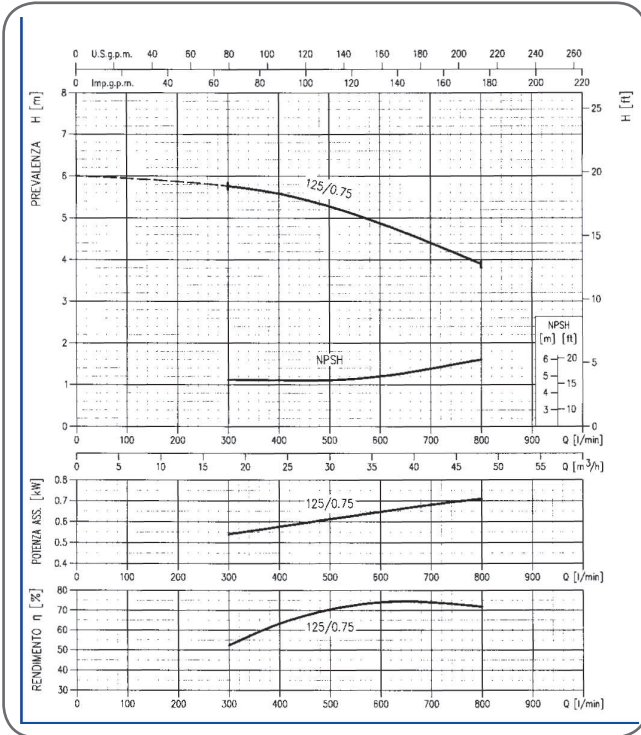
MMD4 50-250



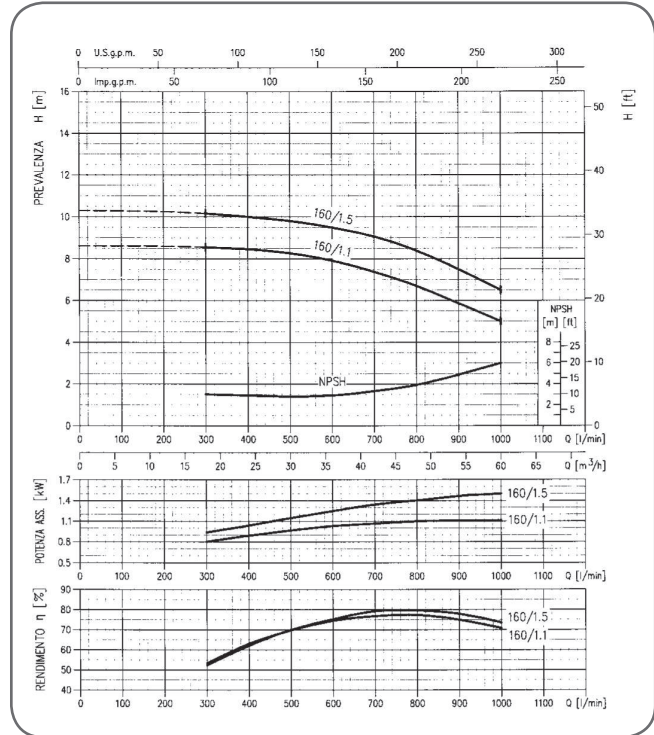
PERFORMANCE CURVES

MMD4 /4 POLES

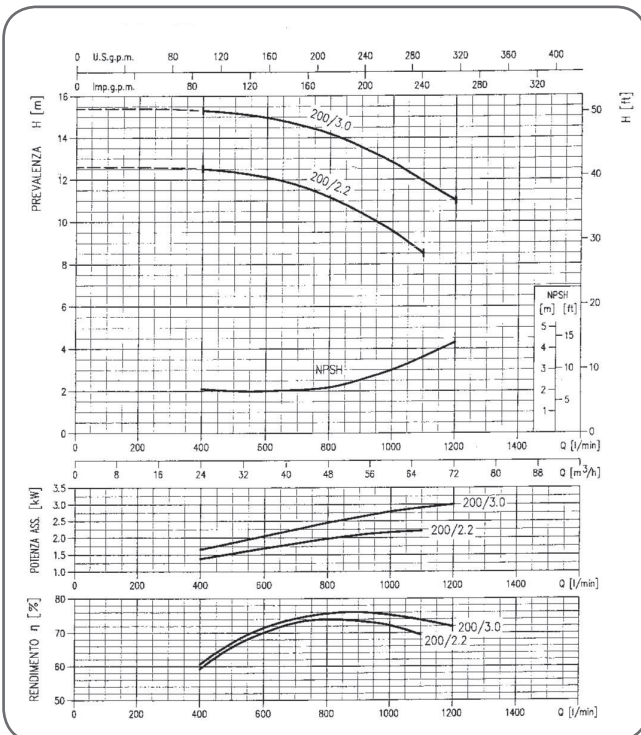
MMD4 65-125



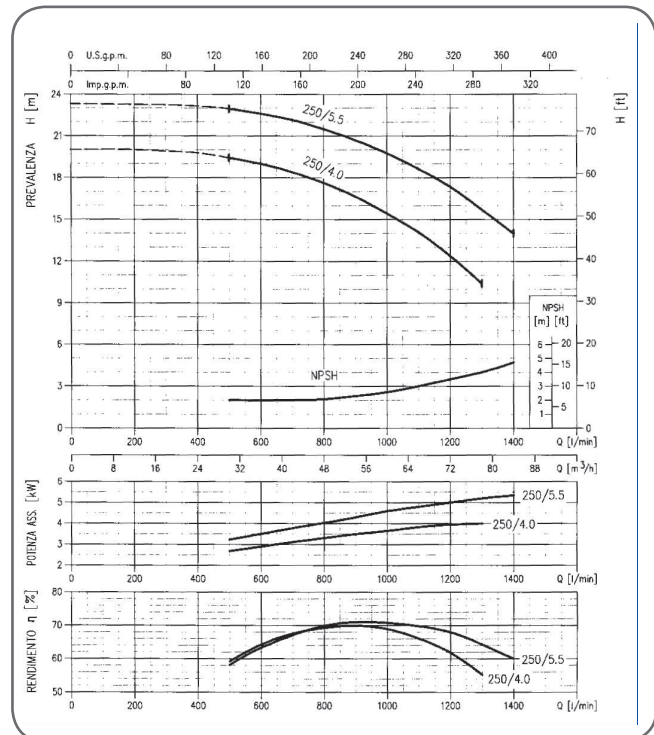
MMD4 65-160



MMD4 65-200



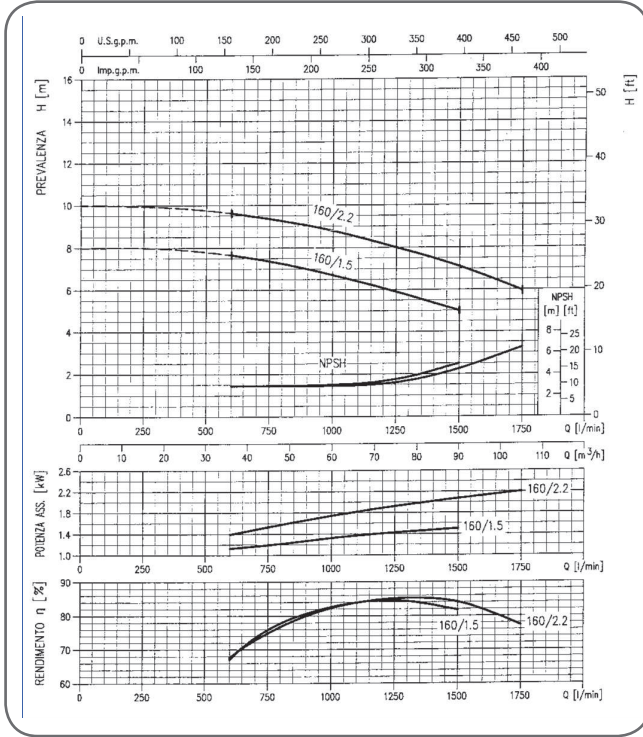
MMD4 65-250



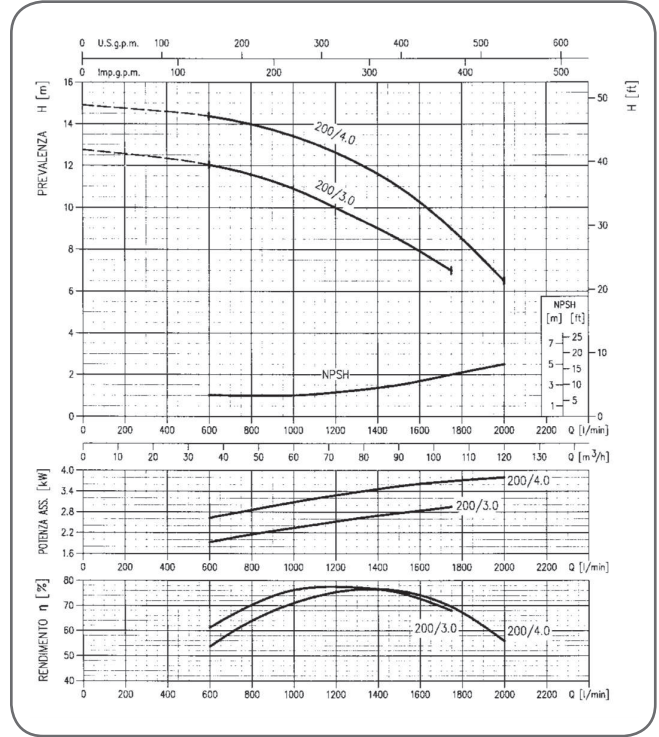
PERFORMANCE CURVES

MMD4 /4 POLES

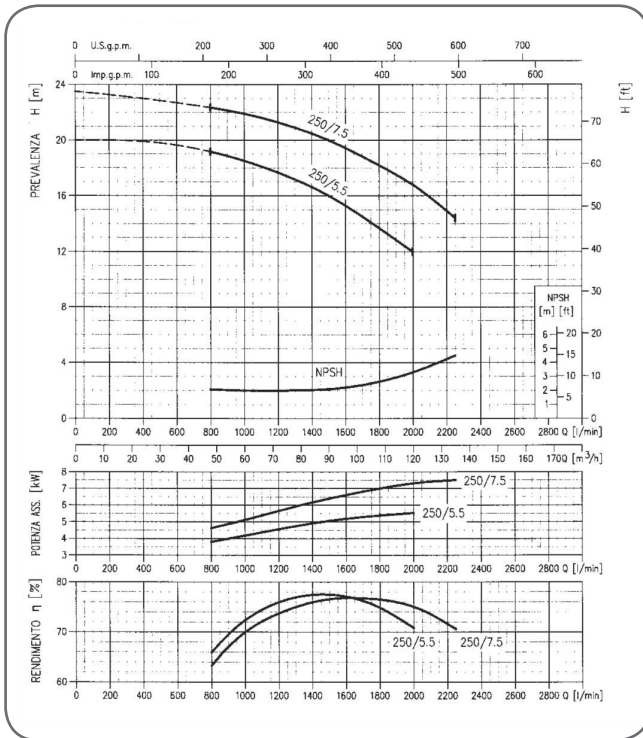
MMD4 80-160



MMD4 80-200



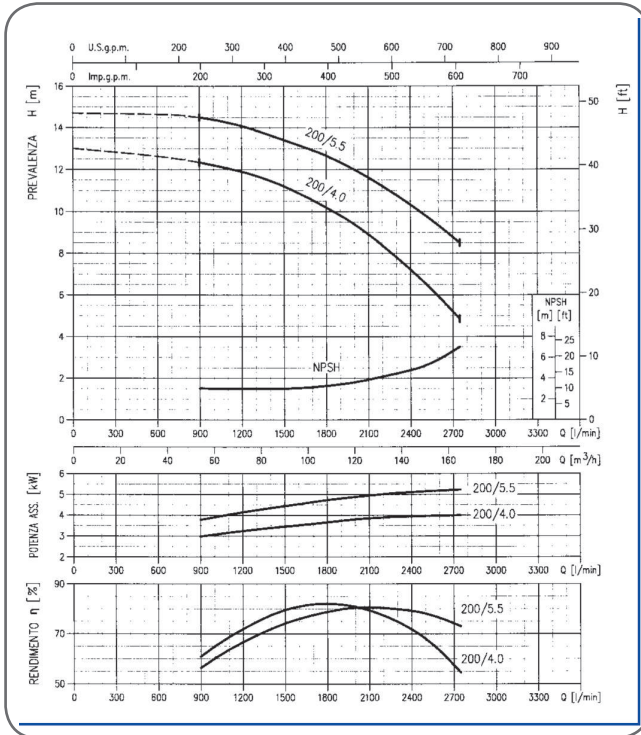
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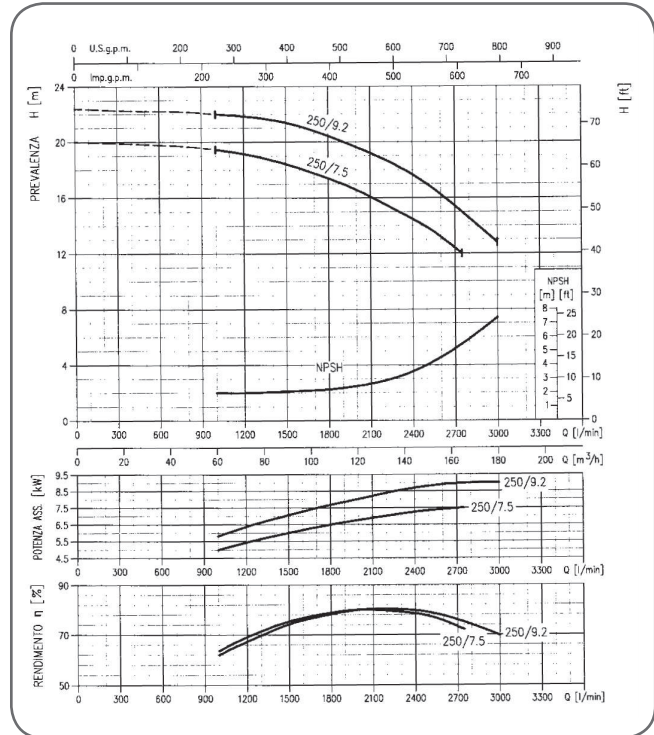
PERFORMANCE CURVES

MMD4 /4 POLES

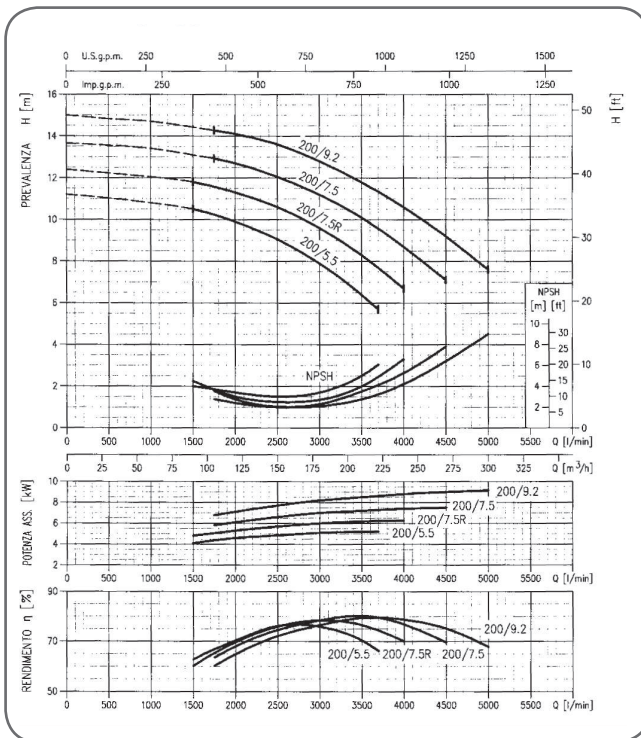
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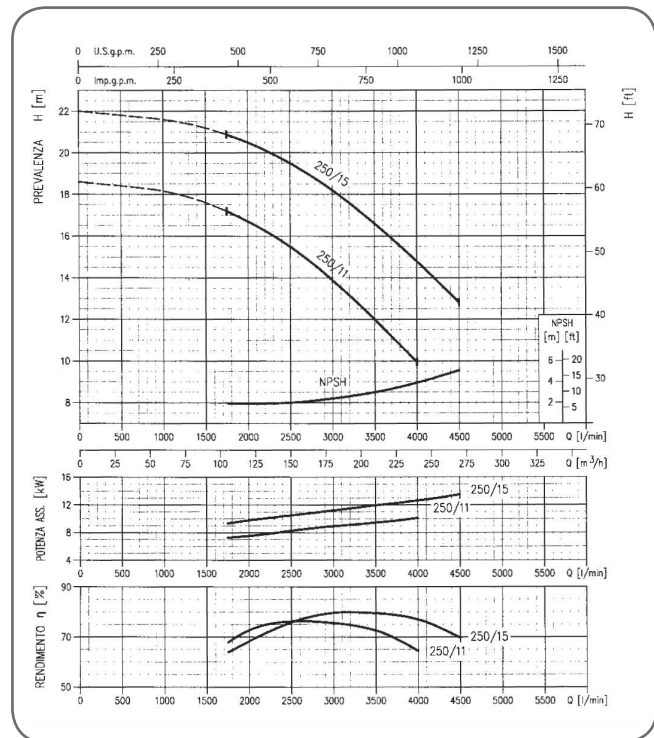
MMD4 100-250



MMD4 125-200



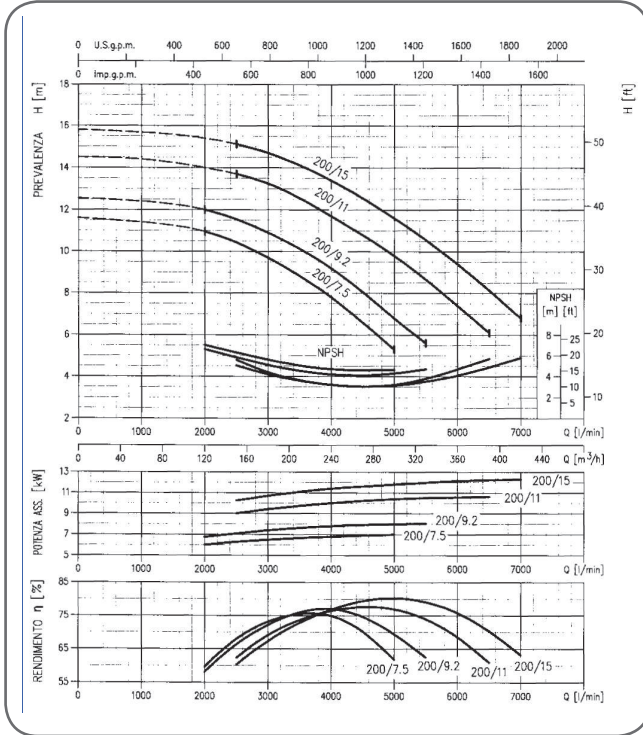
MMD4 125-250



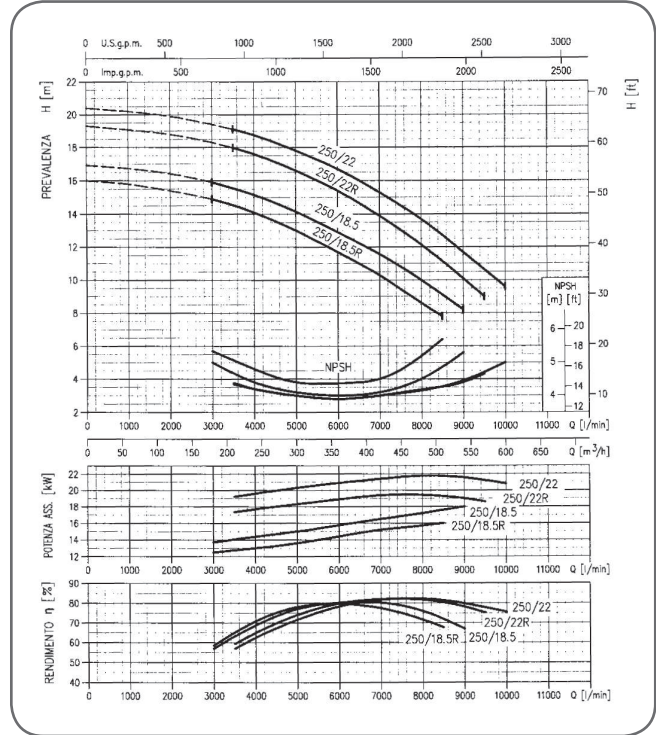
PERFORMANCE CURVES

MMD4 /4 POLES

MMD4 150-200

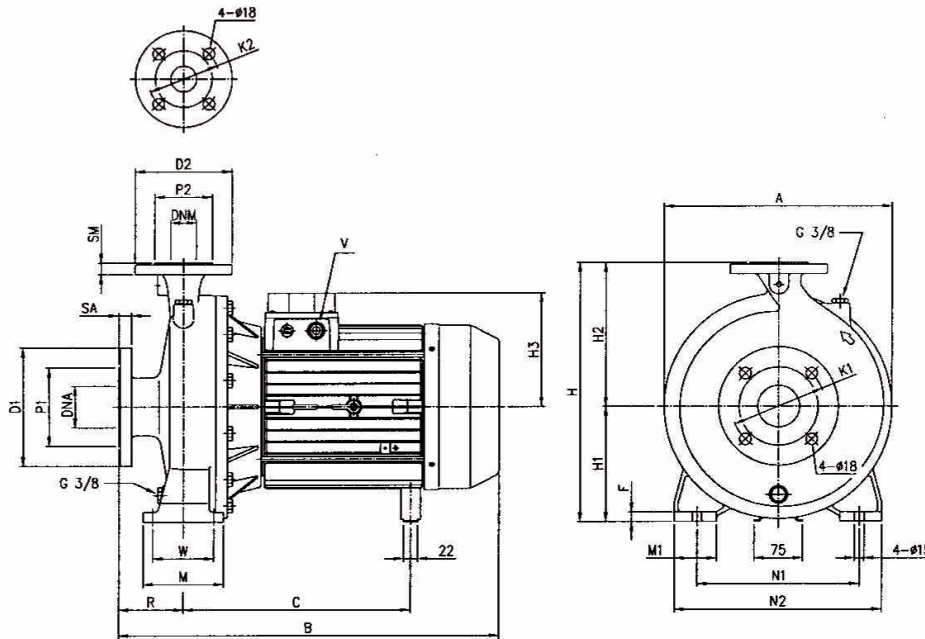


MMD4 200-250



MD-MMD Series CENTRIFUGAL PUMPS in cast iron

2900 rpm

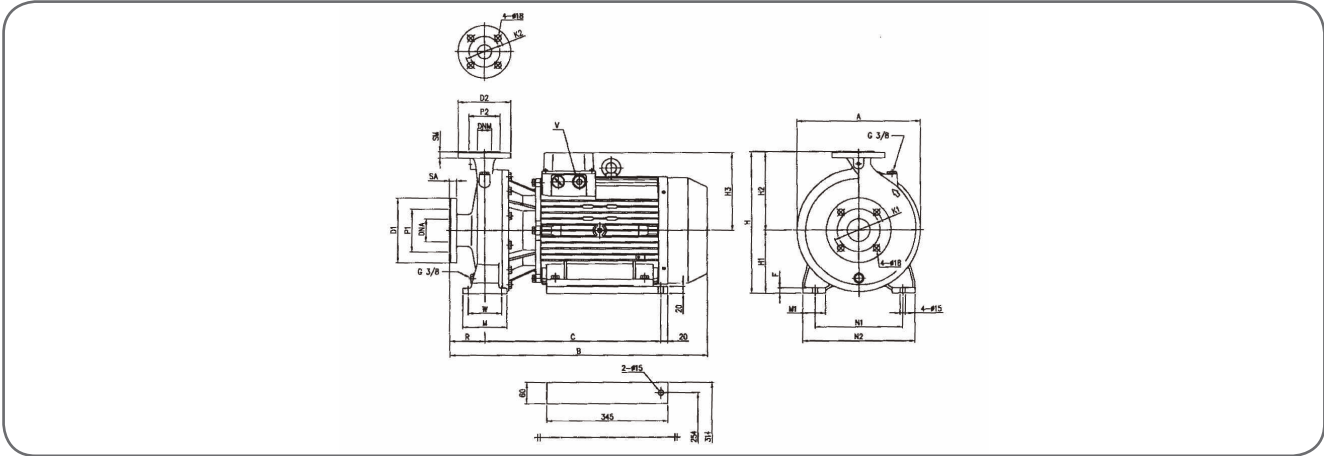


جدول ابعادی: (MD 2 POLES)

Pump type	Dimensions (mm)																									
	DNA	P1	K1	D1	SA	DNM	P2	K2	D2	SM	H	H1	H2	[1]	[2]	R	W	N1	M	N2	M1	F	A	B	C	V[1]
MD 32-125/1.1	50	102	125	165	20	32	78	100	140	18	252	112	140	122	139	80	70	140	100	190	50	13	205	431	230	PG13.5
MD 32-125/1.5	50	102	125	165	20	32	78	100	140	18	252	112	140	122	139	80	70	140	100	190	50	13	205	431	230	PG13.5
MD 32-160/1.5	50	102	125	165	20	32	78	100	140	18	292	132	160	122	139	80	70	190	100	240	50	13	245	431	230	PG13.5
MD 32-160/2.2	50	102	125	165	20	32	78	100	140	18	292	132	160	122	139	80	70	190	100	240	50	13	245	431	230	PG13.5
MD 32-200/3	50	102	125	165	20	32	78	100	140	18	340	160	180	122	-	80	70	190	100	240	50	13	290	431	252	PG13.5
MD 32-200/4	50	102	125	165	20	32	78	100	140	18	340	160	180	134	-	80	70	190	100	240	50	13	290	459	254	PG 16
MD 32-250/5.5	50	102	125	165	20	32	78	100	140	18	405	180	225	153	-	100	95	250	125	320	65	15	352	496	275	PG 16
MD 32-250/7.5	50	102	125	165	20	32	78	100	140	18	405	180	225	153	-	100	95	250	125	320	65	15	352	540	275	PG 16
MD 32-250/9.2	50	102	125	165	20	32	78	100	140	18	405	180	225	181	-	100	95	250	125	320	65	15	352	588	351	PG 21
MD 32-250/11	50	102	125	165	20	32	78	100	140	18	405	180	225	181	-	100	95	250	125	320	65	15	352	588	351	PG 21
MD 40-125/1.5	65	122	145	185	20	40	88	110	150	18	252	112	140	122	139	80	70	160	100	210	50	13	235	431	230	PG13.5
MD 40-125/2.2	65	122	145	185	20	40	88	110	150	18	252	112	140	122	139	80	70	160	100	210	50	13	235	431	230	PG13.5
MD 40-160/3	65	122	145	185	20	40	88	110	150	18	292	132	160	122	-	80	70	190	100	240	50	13	245	431	230	PG13.5
MD 40-160/4	65	122	145	185	20	40	88	110	150	18	292	132	160	134	-	80	70	190	100	240	50	13	245	459	232	PG 16
MD 40-200/5.5	65	122	145	185	20	40	88	110	150	18	340	160	180	153	-	100	70	212	100	265	50	13	290	495	278	PG 16
MD 40-200/7.5	65	122	145	185	20	40	88	110	150	18	340	160	180	153	-	100	70	212	100	265	50	13	290	495	278	PG 16
MD 40-250/11	65	122	145	185	20	40	88	110	150	18	405	180	225	181	-	100	95	250	125	320	65	15	352	588	351	PG 21
MD 40-250/13	65	122	145	185	20	40	88	110	150	18	405	180	225	181	-	100	95	250	125	320	65	15	352	588	351	PG 21
MD 50-125/2.2	65	122	145	185	20	50	102	125	165	20	292	132	160	122	139	100	70	190	100	240	50	13	230	431	230	PG13.5
MD 50-125/3	65	122	145	185	20	50	102	125	165	20	292	132	160	122	-	100	70	190	100	240	50	13	230	451	230	PG13.5
MD 50-125/4	65	122	145	185	20	50	102	125	165	20	292	132	160	134	-	100	70	190	100	240	50	13	230	479	232	PG 16
MD 50-160/5.5	65	122	145	185	20	50	102	125	165	20	340	160	180	153	-	100	70	212	100	265	50	13	260	495	278	PG 16
MD 50-160/7.5	65	122	145	185	20	50	102	125	165	20	340	160	180	153	-	100	70	212	100	265	50	13	260	495	278	PG 16
MD 50-200/9.2	65	122	145	185	20	50	102	125	165	20	360	160	200	181	-	100	70	212	100	265	50	13	300	585	355	PG 21
MD 50-200/11	65	122	145	185	20	50	102	125	165	20	360	160	200	181	-	100	70	212	100	265	50	13	300	585	355	PG 21
MD 65-125/5.5	80	138	160	200	22	65	122	145	185	20	340	160	180	153	-	100	95	212	125	280	65	13	260	495	278	PG 16
MD 65-125/7.5	80	138	160	200	22	65	122	145	185	20	340	160	180	153	-	100	95	212	125	280	65	13	260	495	278	PG 16
MD 65-160/11	80	138	160	200	22	65	122	145	185	20	360	160	200	181	-	100	95	212	125	280	65	13	300	585	355	PG 21
MD 65-160/15	80	138	160	200	22	65	122	145	185	20	360	160	200	181	-	100	95	212	125	280	65	13	300	585	355	PG 21

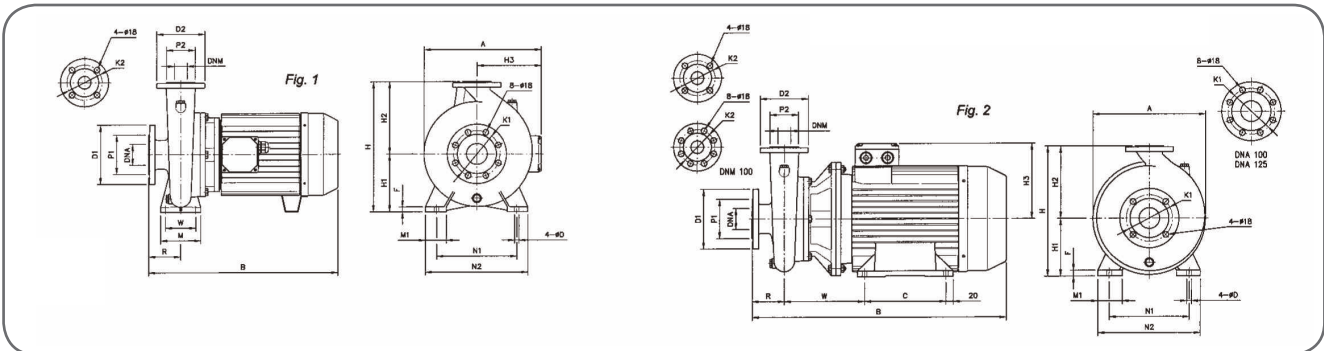
MD-MMD Series CENTRIFUGAL PUMPS in cast iron

2900 rpm



MD 2Poles

Pump type	Dimensions (mm)																								
	DNA	P1	K1	D1	SA	DNM	P2	K2	D2	SM	H	H1	H2	H3	R	W	N1	M	N2	M1	F	A	B	C	V
MD 40-250/15	65	122	145	185	20	40	88	110	150	18	405	180	225	230	100	95	250	125	320	65	15	352	734	501	PG 21
MD 50-250/15	65	122	145	185	20	50	102	125	165	20	405	180	225	230	100	95	250	125	320	65	15	352	734	501	PG 21
MD 50-250/18.5	65	122	145	185	20	50	102	125	165	20	405	180	225	230	100	95	250	125	320	65	15	352	734	501	PG 21
MD 50-250/22	65	122	145	185	20	50	102	125	165	20	405	180	225	230	100	95	250	125	320	65	15	352	734	501	PG 21
MD 65-200/18.5	80	138	160	200	22	65	122	145	185	20	405	180	225	230	100	95	250	125	320	65	15	310	736	548	PG 21
MD 65-200/22	80	138	160	200	22	65	122	145	185	20	405	180	225	230	100	95	250	125	320	65	15	310	736	548	PG 21

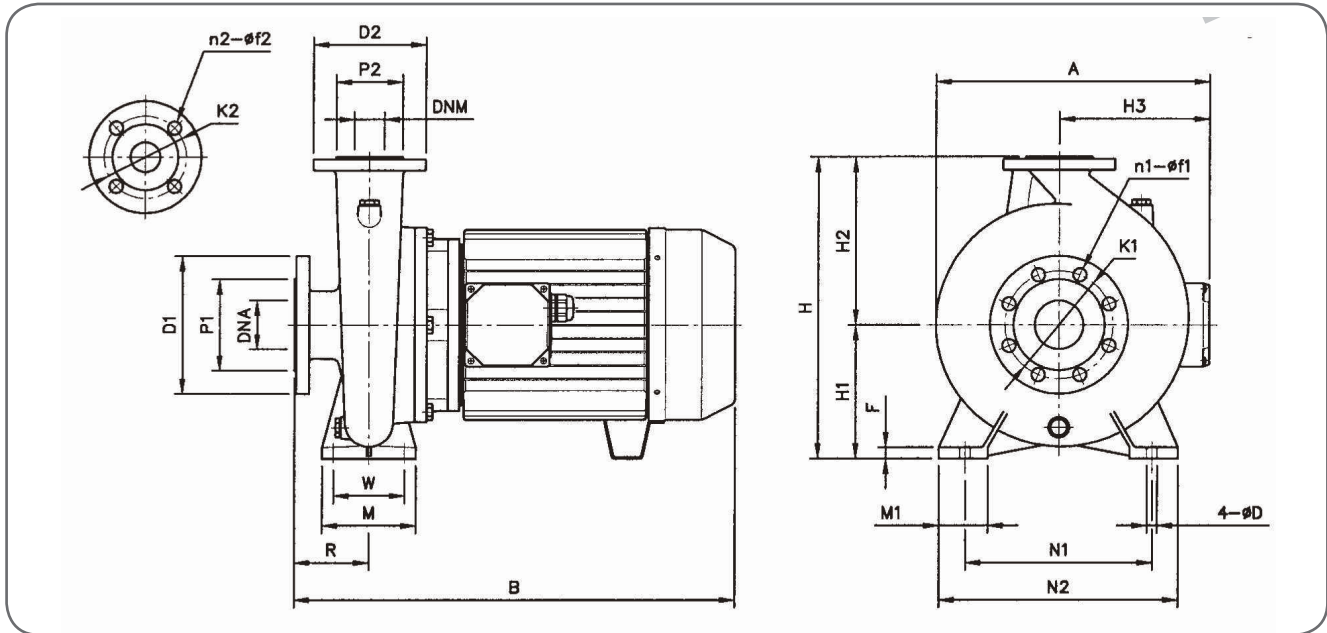


MMD 2Poles

Pump type	Fig.	Dimensions (mm)																							Weight [kg]
		DNA	P1	K1	D1	DNM	P2	K2	D2	H	H1	H2	H3	R	W	N1	M	N2	M1	F	A	B	C	D	
MMD 65-250/22	2	80	138	160	200	65	122	145	185	450	180	250	230	100	293	280	-	320	55	22	365	810	241	14	144
MMD 65-250/30	2	80	138	160	200	65	122	145	185	450	200	250	257	100	325	318	-	360	60	24	400	905	305	18	172
MMD 65-250/37	2	80	138	160	200	65	122	145	185	450	200	250	257	100	325	318	-	360	60	24	400	905	305	18	190
MMD 80-160/10	1	100	158	180	220	80	138	160	200	405	180	225	184	125	95	250	125	320	65	14	345	665	-	14	74
MMD 80-160/12.5	1	100	158	180	220	80	138	160	200	405	180	225	184	125	95	250	125	320	65	14	345	665	-	14	81.5
MMD 80-160/15	1	100	158	180	220	80	138	160	200	405	180	225	184	125	95	250	125	320	65	14	345	665	-	14	88.5
MMD 80-200/18.5	2	100	158	180	220	80	138	160	200	430	180	250	230	125	293	280	-	320	55	22	360	835	241	14	132
MMD 80-200/22	2	100	158	180	220	80	138	160	200	430	180	250	230	125	293	280	-	320	55	22	360	835	241	14	150
MMD 80-200/30	2	100	158	180	220	80	138	160	200	430	200	250	257	125	325	318	-	360	60	24	400	930	305	18	192
MMD 80-200/37	2	100	158	180	220	80	138	160	200	430	200	250	257	125	325	318	-	360	60	24	400	930	305	18	210
MMD 80-250/37	2	100	158	180	220	80	138	160	200	480	200	280	257	125	325	318	-	360	60	24	400	930	305	18	196
MMD 100-200/22	2	125	188	210	250	100	158	180	220	480	180	280	230	125	293	318	-	320	55	22	385	835	241	14	160
MMD 100-200/30	2	125	188	210	250	100	158	180	220	480	200	280	257	125	325	318	-	360	60	24	400	930	305	18	202
MMD 100-200/37	2	125	188	210	250	100	158	180	220	480	200	280	257	125	325	318	-	360	60	24	400	930	305	18	220

MD-MMD Series CENTRIFUGAL PUMPS in cast iron

1450 rpm

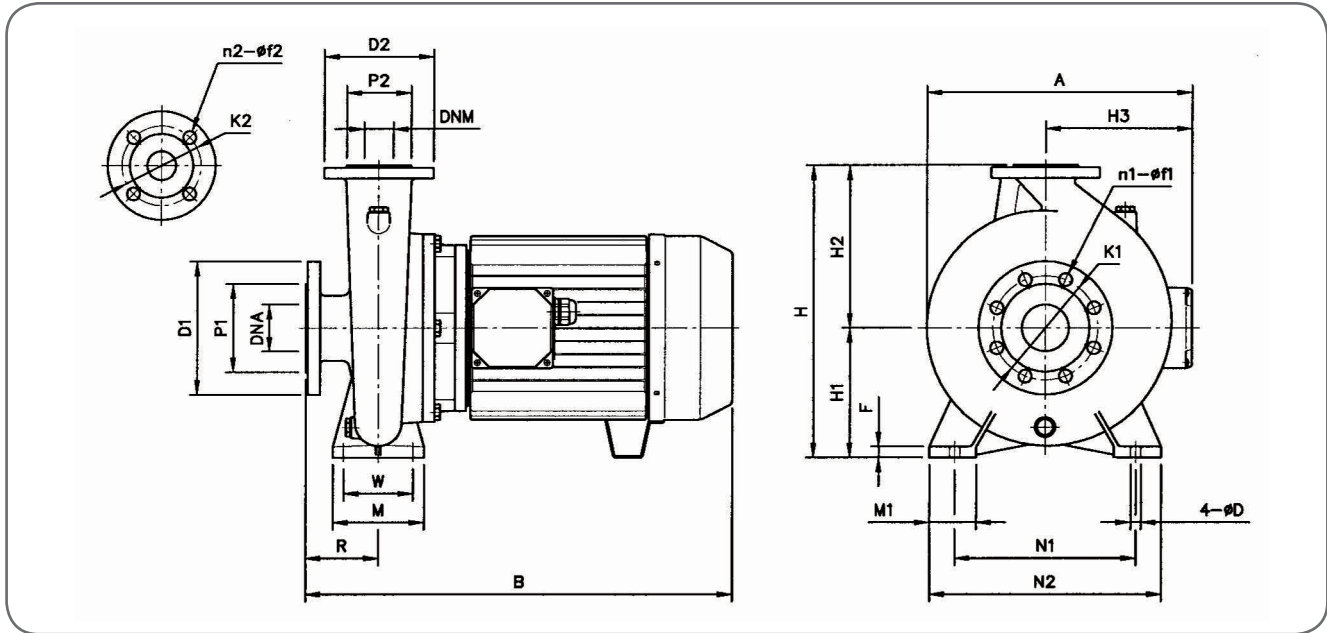


MMD 4Poles

جدول ابعادی: (MD 4 POLES)

Pump type	Dimensions(mm)																											Weight [kg]
	DNA	n1	f1	P1	K1	D1	DNM	n2	f2	P2	K2	D1	H	H1	H2	H3	R	w	N1	M	N2	M1	F	A	B	D		
MMD432-125/025R	50	4	18	102	125	165	32	4	18	78	100	140	252	112	140	107	80	70	140	100	190	50	12	205	405	14	195	
MMD4 32-125/0.25	50	4	18	102	125	165	32	4	18	78	100	140	252	112	140	107	80	70	140	100	190	50	12	205	405	14	195	
MMD4 32-160/037	50	4	18	102	125	165	32	4	18	78	100	140	292	132	160	107	80	70	190	100	240	50	12	240	405	14	23	
MMD4 32-200/0.75	50	4	18	102	125	165	32	4	18	78	100	140	340	160	180	118	80	70	190	100	240	50	12	255	425	14	30	
MMD4 32-200/0.92	50	4	18	102	125	165	32'	4	18	78	10fr	140	340	160	180	118	80	70	190	100	240	50	12	255	425	14	31	
MMD4 32-250/1.1	50	4	18	102	125	165	32	4	18	78	100	140	405	180	225	149	100	95	250	125	320	65	12	320	485	14	47	
MMD4 32-250/15	50	4	18	102	125	165	32	4	18	78	100	140	405	180	225	149	100	95	250	125	320	65	12	320	485	14	49	
MMD4 40-125/025	65	4	18	122	145	185	40	4	18	88	110	150	252	112	140	107	80	70	160	100	210	50	12	230	405	14	205	
MMD4 40-125/0.37	65	4	18	122	145	185	40	4	18	88	110	150	252	112	140	107	80	70	160	100	210	50	12	230	405	14	215	
MMD440-160/055	65	4	18	122	145	185	40	4	18	88	110	150	292	132	160	107	80	70	190	100	240	50	12	230	405	14	25	
MMD4 40-200/1.1	65	4	18	122	145	185	40	4	18	88	110	150	340	160	180	149	100	70	212	100	265	50	12	285	485	14	36	
MMD4 40-200/15	65	4	18	122	145	185	40	4	18	88	110	150	340	160	180	149	100	70	212	100	265	50	12	242	485	14	36	
MMD4 40-250/15	65	4	18	122	145	185	40	4	18	88	110	150	405	180	225	149	100	95	250	125	320	65	12	325	485	14	475	
MMD4 40-250/22	65	4	18	122	145	185	40	4	18	88	110	150	405	180	225	159	100	95	250	125	320	65	12	352	525	14	54	
MMD4 50-125/0.37	65	4	18	122	145	185	50	4	18	102	125	165	292	m	160	107	100	70	190	100	240	50	12	246	425	14	25	
MMD4 50-125/055	65	4	18	122	145	185	50	4	18	102	125	165	292	132	160	107	100	70	190	100	240	50	12	246	425	14	26	
MMD4 50-160/0.75	65	4	18	122	145	185	50	4	18	102	125	165	340	160	180	118	100	70	212	100	265	50	12	269	445	14	32	
MMD4 50-160/0.92	65	4	18	122	145	185	50	4	18	102	125	165	340	160	180	118	100	70	212	100	265	50	12	269	445	14	33	
MMD4 50-200/1.1	65	4	18	122	145	185	50	4	18	102	125	165	360	160	180	159	100	70	212	100	265	50	12	285	485	14	38	
MMD4 50-200/15	65	4	18	122	145	185	50	4	18	102	125	165	360	160	180	149	100	70	-212	100	265	50	12	285	485	14	40	
MMD4 50-250/22	65	4	18	122	145	185	50	4	18	102	125	165	405	180	225	159	100	95	250	125	320	65	14	333	525	14	57	
MMD4 50-250/3.0	65	4	18	122	145	185	50	4	18	102	125	165	405	180	225	159	100	95	250	125	320	65	14	333	525	14	63	
MMD4 65-125/0.75	80	4	18	138	160	200	65	4	18	122	145	185	340	160	180	118	100	95	212	125	280	65	12	286	445	14	32	
MMD4 65-160/1.1	80	4	18	138	160	200	65	4	18	122'	145	185	360	160	200	149	100	95	212	125	280	65	12	288	485	14	375	
MMD4 65-160/15	80	4	18	138	160	200	65	4	18	122-	^145	185	360	160	200	149	100	95	212	125	280	65	12	288	485	14	40	
MMD4 65-200/22	80	4	18	138	160	200	65	4	18	122'	145	185	405	180	225	159	100	95	250	125	320	65	14	328	525	14	51	
MMD4 65-200/3.0	80	4	18	138	160	200	65	4	18	122	145	185	405	180	225	159	100	95	250	125	320	65	14	328	525	14	57	
MMD4 65-250/4.0	80	4	18	138	160	200	65	4	18	422	145	185	450	200	250	159	100	120	280	160	360	80	14	365	535	14	80	
MMD4 65-250/55	80	4	18	138	160	200	65	4	18	122	M45	185	450	200	250	184	100	120	280	160	360	80	14	365	640	14	90	

MD-MMD Series CENTRIFUGAL PUMPS in cast iron



MMD 4Poles

Pump type	Dimensions (mm)																										Weight [kg]
	DNA	n1	f1	P1	K1	D1	DNM	n2	f2	P2	K2	D2	H	H1	H2	H3	R	W	N1	M	N2	M1	F	A	B	D	
MMD4 80-160/1.5	100	8	18	158	180	220	80	4	18	138	160	200	405	180	225	149	125	95	250	125	320	65	14	330	510	14	45
MMD4 80-160/2.2	100	8	18	158	180	220	80	4	18	138	160	200	405	180	225	159	125	95	250	125	320	65	14	330	550	14	51
MMD4 80-200/3.0	100	8	18	158	180	220	80	4	18	138	160	200	430	180	250	159	125	95	280	125	345	65	12	355	550	14	66
MMD4 80-250/4.0	100	8	18	158	180	220	80	4	18	138	160	200	430	180	250	159	125	95	280	125	345	65	12	355	560	14	73
MMD4 80-250/5.5	100	8	18	158	180	220	80	4	18	138	160	200	480	200	280	184	125	120	315	160	400	80	14	400	665	18	96
MMD4 80-250/7.5	100	8	18	158	180	220	80	4	18	138	160	200	480	200	280	184	125	120	315	160	400	80	14	400	665	18	106
MMD4 100-200/4.0	125	8	18	188	210	250	100	8	18	158	180	220	480	200	280	159	125	120	280	160	360	80	14	385	560	18	78
MMD4 100-200/5.5	125	8	18	188	210	250	100	8	18	158	180	220	480	200	280	184	125	120	280	160	360	80	14	385	665	18	90
MMD4 100-250/7.5	125	8	18	188	210	250	100	8	18	158	180	220	505	225	280	184	140	120	315	160	400	80	14	420	675	18	112
MMD4 100-250/9.2	125	8	18	188	210	250	100	8	18	158	180	220	505	225	280	184	140	120	315	160	400	80	14	420	675	18	118
MMD4 125-200/5.5	150	8	22	212	240	285	125	8	18	188	210	250	565	250	315	255	140	120	315	160	400	80	14	470	700	18	124
MMD4 125-200/7.5R	150	8	22	212	240	285	125	8	18	188	210	250	565	250	315	255	140	120	315	160	400	80	14	470	700	18	134
MMD4 125-200/7.5	150	8	22	212	240	285	125	8	18	188	210	250	565	250	315	255	140	120	315	160	400	80	14	470	700	18	134
MMD4 125-200/9.2	150	8	22	212	240	285	125	8	18	188	210	250	565	250	315	255	140	120	315	160	400	80	14	470	770	18	140
MMD4 125-250/11	150	8	22	212	240	285	125	8	18	188	210	250	605	250	355	255	140	120	315	160	400	80	16	470	700	18	162
MMD4 125-250/15	150	8	22	212	240	285	125	8	18	188	210	250	605	250	355	255	140	120	315	160	400	80	16	470	855	18	190
MMD4 150-200/7.5	200	8	22	268	295	340	150	8	22	212	240	285	680	280	400	295	160	155	450	200	550	100	22	550	855	24	167
MMD4 150-200/9.2	200	8	22	268	295	340	150	8	22	212	240	285	680	280	400	295	160	155	450	200	550	100	22	550	855	24	173
MMD4 150-200/11	200	8	22	268	295	340	150	8	22	212	240	285	680	280	400	295	160	155	450	200	550	100	22	550	855	24	175
MMD4 150-200/15	200	8	22	268	295	340	150	8	22	212	240	285	680	280	400	295	160	155	450	200	550	100	22	550	875	24	203
MMD4 200-250/18.5R	250	12	22	320	295	395	200	8	22	268	295	340	765	315	450	295	200	155	450	200	550	100	22	630	1000	24	278
MMD4 200-250/18.5	250	12	22	320	295	395	200	8	22	268	295	340	765	315	450	295	200	155	450	200	550	100	22	630	1000	24	278
MMD4 200-250/22R	250	12	22	320	295	395	200	8	22	268	295	340	765	315	450	295	200	155	450	200	550	100	22	630	1000	24	300
MMD4 200-250/22	250	12	22	320	295	395	200	8	22	268	295	340	765	315	450	295	200	155	450	200	550	100	22	630	1000	24	300

FAMCO

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نماد پویایی در صنعت