



NIAGARA

**General Catalogue
Catálogo General
Catalogue général**



NIAGARA

FUTURE INTELLIGENT PUMPS



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CDM

n ≈ 2900 rpm



SS304 vertical multistage pump
Bomba de etapas múltiples inox304
Pompe multicellulaire inox304

DESCRIPTION/DESCRIPCIONES/DESCRIPTION

- SS304 vertical, multistage centrifugal pump.
- The suction and discharge ports on the same level.
- CDM pump head and base are in cast iron.
- CDM pump impeller and shaft are in stainless steel.
- CDMF pump all wetted parts are in stainless steel.
- YE3 high efficient motor, with protection IP55 class F.
- Quality bearing, wear resistance mechanical seal.
- Liquid temperature between -10°C and +120°C.

- Inox 304 bomba centrífuga vertical de etapas múltiples.
- Los puertos de succión y descarga en el mismo nivel.
- El cabezal y la base de la bomba CDM son de hierro fundido.
- El impulsor y el eje de la bomba CDM son de acero inoxidable.
- CDMF todas las partes húmedas son de acero inoxidable.
- Motor de alta eficiencia YE3, con protección IP55 clase F.
- Rodamiento de calidad y cierre mecánico personalizado.
- Temperatura del líquido entre -10 °C y + 120 °C.

APPLICATIONS/APLICACIONES/APPLICATIONS

- The stainless steel multistage pumps are suitable for industrial processing systems, washing and cleaning systems, pumping of acids and alkalis, filtration systems, water pressure boosting, water Treatment, HVAC, irrigation, fire protection systems etc.
- Las bombas multietapa de acero inoxidable son adecuadas para sistemas de procesamiento industrial, sistemas de lavado y limpieza, bombeo de ácidos y álcalis, sistemas de filtración, aumento de la presión del agua, HVAC, riego, sistemas de protección contra incendios, etc.
- Les pompes à plusieurs étages en acier inoxydable conviennent systèmes de traitement industriel, systèmes de lavage et de nettoyage, pompage des acides et des alcalis, systèmes de filtration, à la surpression, traitement de l'eau, CVC, à l'irrigation, systèmes de protection contre les incendies, etc.

MODEL CODE/CÓDIGO MODELO/CODE MODÈLE

For example/ Por ejemplo/ Par exemple

CDM (F) 15 - 9
 9=Stage/Etapa/Étape
 15=Rated flow/(m³/h)
 Caudal nominal/(m³/h)
 Débit nominal(m³/h)

CDM=Common type vertical multistage pump

Tipo común bomba vertical de etapas múltiples
 Pompe multicellulaire verticale de type commun

CDMF=Pump with flow passage components in SS304

Bomba con componentes de paso de flujo en inox304

Pompe avec composants de passage d'écoulement en inox304



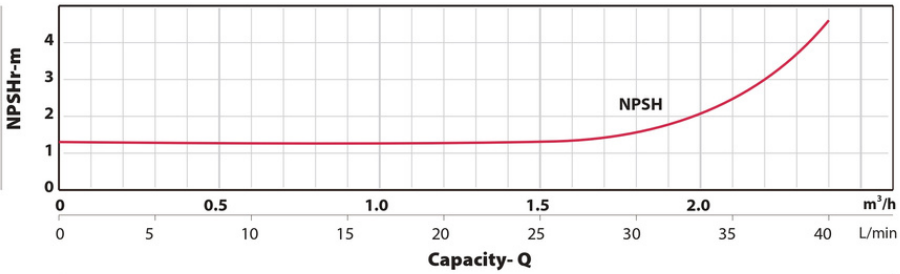
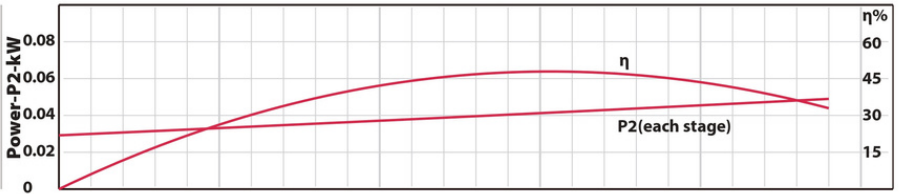
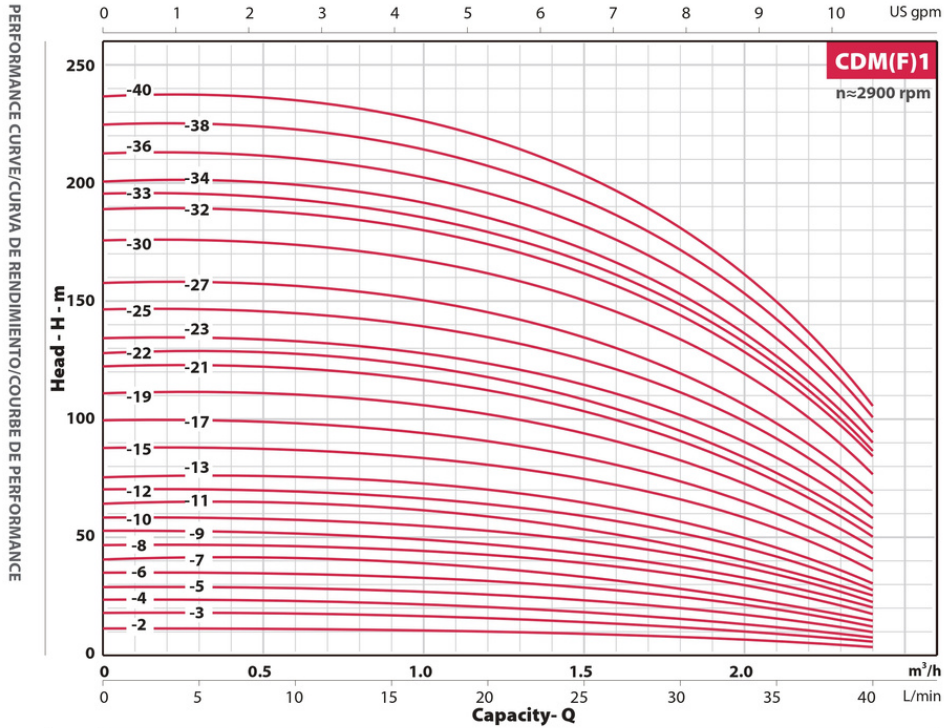
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TECHNICAL DATA/DATOS TÉCNICOS/DONNÉES TECHNIQUES

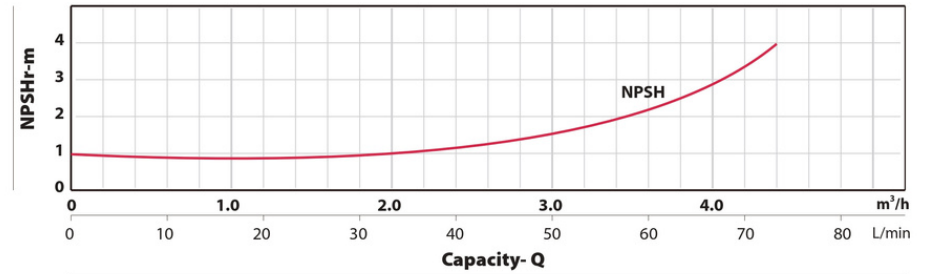
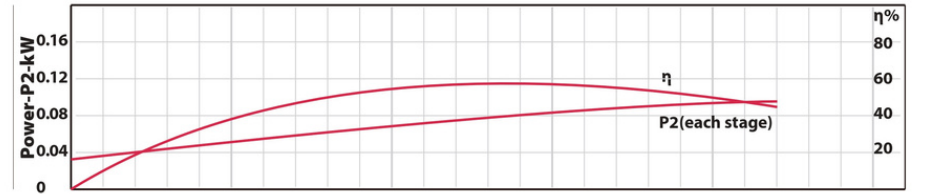
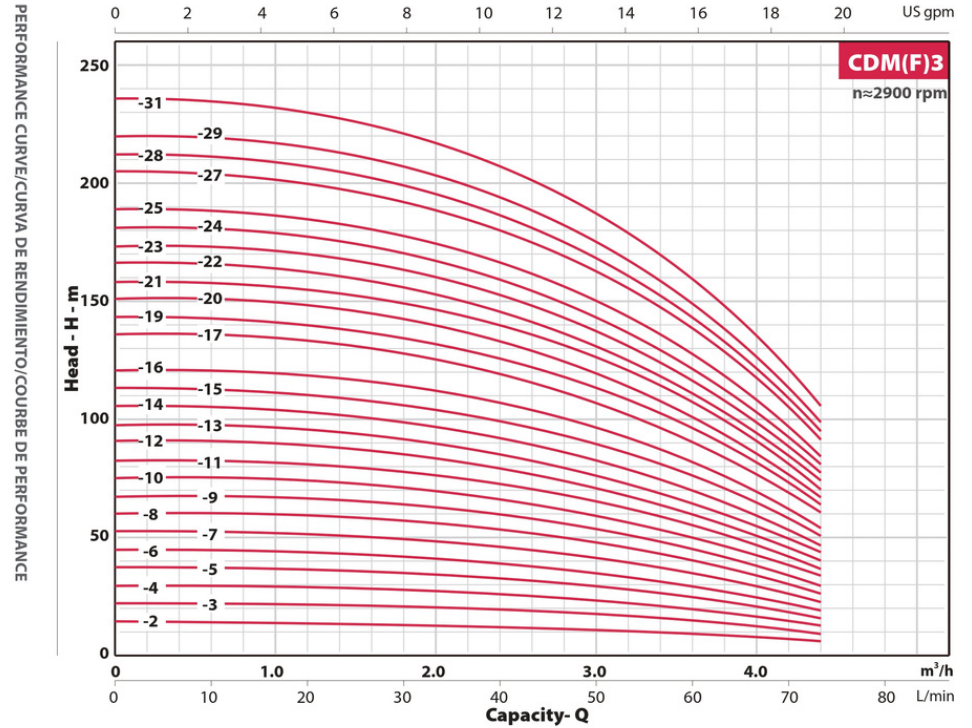
50 Hz n≈2900 l/min

MODEL MODELO MODÈLE	DN	Power Potencia Puissance			Q=DELIVERY/CAUDAL/DÉBIT																		
		mm	kw	hp	GPM	0	2.2	3.1	4.4	5.3	6.2	7.0	7.9	8.8	9.7	10.6	12.3	13.2	14.1	15.9	17.6	19.4	
					l/min	0	8.3	11.7	16.7	20	23.3	26.7	30	33.3	36.7	40	46.7	50	53.3	60	66.7	73.3	
					m ³ /h	0	0.5	0.7	1	1.2	1.4	1.6	1.8	2	2.2	2.4	2.8	3	3.2	3.6	4	4.4	
					H=Head/Altura/Hauteur(m)																		
CDM 1-2	25x25	0.37	0.5		11.8	11.5	11.2	10.5	10.3	9.7	9	8	6.8	5.5	4	-	-	-	-	-	-	-	
CDM 1-3	25x25	0.37	0.5		17.5	17	16.8	16	15.6	14.8	13.5	12	10	8.5	6	-	-	-	-	-	-	-	
CDM 1-4	25x25	0.37	0.5		23.5	23	22.5	21.5	21	19.8	18	16	13.5	11	8	-	-	-	-	-	-	-	
CDM 1-5	25x25	0.37	0.5		29	28.5	28	27	26	24.5	22.5	20	17	14	10	-	-	-	-	-	-	-	
CDM 1-6	25x25	0.37	0.5		35	34.5	34	32.5	31.5	30	27	24	20.5	17	12.5	-	-	-	-	-	-	-	
CDM 1-7	25x25	0.37	0.5		41	40.5	40	39	37	35	32	28	24	20	15	-	-	-	-	-	-	-	
CDM 1-8	25x25	0.55	0.75		47	46	45.5	43.5	42	40	37	33	29	24.5	18	-	-	-	-	-	-	-	
CDM 1-9	25x25	0.55	0.75		52.5	52	51.5	49	47	44.5	41	37	32	27	20.5	-	-	-	-	-	-	-	
CDM 1-10	25x25	0.55	0.75		58.5	58	57	55	52.5	50	46	42	37	31	23	-	-	-	-	-	-	-	
CDM 1-11	25x25	0.55	0.75		64	63.5	63	61	58.5	55	51	46	40	33.5	25.5	-	-	-	-	-	-	-	
CDM 1-12	25x25	0.75	1		70	69	68.5	67	64.5	61	57	52	45.5	37	28	-	-	-	-	-	-	-	
CDM 1-13	25x25	0.75	1		75.5	75	74.5	73	70	66.5	61.5	56	49	40.5	31	-	-	-	-	-	-	-	
CDM 1-15	25x25	0.75	1		87.5	86.5	85.5	84	81	76.5	71	65	57	47	36	-	-	-	-	-	-	-	
CDM 1-17	25x25	1.1	1.5		99	98	97	95	91.5	86.5	81	73	64	53	41	-	-	-	-	-	-	-	
CDM 1-19	25x25	1.1	1.5		110	109	108	106	103	98	91	82	72	59	46	-	-	-	-	-	-	-	
CDM 1-21	25x25	1.1	1.5		122	121	120	117	113	107	100	90	78	65	50	-	-	-	-	-	-	-	
CDM 1-22	25x25	1.1	1.5		128	127	126	122	118	112	105	95	83	69	54	-	-	-	-	-	-	-	
CDM 1-23	25x25	1.5	2		134	133	132	128	123	118	111	102	90.5	76.5	58	-	-	-	-	-	-	-	
CDM 1-25	25x25	1.5	2		146	145	144	139	134	128	121	111	98	83	63	-	-	-	-	-	-	-	
CDM 1-27	25x25	1.5	2		158	157	155	150	145	138	130	119	106	90	69	-	-	-	-	-	-	-	
CDM 1-30	25x25	1.5	2		175	174	172	167	161	154	145	133	118	100	77	-	-	-	-	-	-	-	
CDM 1-32	25x25	2.2	3		189	188	186	180	174	166	155	143	129	110	85	-	-	-	-	-	-	-	
CDM 1-33	25x25	2.2	3		195	194	192	186	180	171	160	148	133	113	87	-	-	-	-	-	-	-	
CDM 1-34	25x25	2.2	3		200	199	198	192	185	176	165	152	137	117	90	-	-	-	-	-	-	-	
CDM 1-36	25x25	2.2	3		212	211	209	203	196	186	175	161	145	124	95	-	-	-	-	-	-	-	
CDM 1-38	25x25	2.2	3		225	224	221	215	208	197	185	171	153	131	101	-	-	-	-	-	-	-	
CDM 1-40	25x25	2.2	3		237	236	233	226	219	208	195	180	161	138	106	-	-	-	-	-	-	-	
CDM 3-2	25x25	0.37	0.5		14.7	-	-	-	14	14	13.5	13	13	13	12.5	11.5	11	10.5	9.5	8	6		
CDM 3-3	25x25	0.37	0.5		22.2	-	-	-	21.5	21	21	21	20.5	20	19.5	18	17	16.5	15	12.5	9.5		
CDM 3-4	25x25	0.37	0.5		29.7	-	-	-	29	29	28.5	28	27.5	27	26	24	23	22	20	17	13		
CDM 3-5	25x25	0.55	0.75		37.2	-	-	-	36	36	35	34	33.5	33	32	30	29	28	25	21	16		
CDM 3-6	25x25	0.55	0.75		45	-	-	-	43.5	43	42.5	42	41	40	39	36.5	35	33.5	30	25	19.5		
CDM 3-7	25x25	0.75	1		52.5	-	-	-	51	51	50	50	49	48	46	43	41	39.5	35	30	23		
CDM 3-8	25x25	0.75	1		60	-	-	-	58.5	58	58	57	56	55	53	49	47	45	40	34	26.5		
CDM 3-9	25x25	1.1	1.5		67.5	-	-	-	66	66	65	64	63	62	60	56	53	51	45	38	30		
CDM 3-10	25x25	1.1	1.5		75	-	-	-	73	73	72	71	70	68	66	61	59	56	50	42	33.5		
CDM 3-11	25x25	1.1	1.5		82.5	-	-	-	80	80	79	78	77	75	73	68	65	62	55	47	37		
CDM 3-12	25x25	1.1	1.5		90	-	-	-	88	87	86	85	83	81	79	74	71	67	59	50	40.5		
CDM 3-13	25x25	1.5	2		98	-	-	-	95	94	93	92	90	88	86	80	77	73	64	54	44		
CDM 3-14	25x25	1.5	2		105	-	-	-	102	102	101	100	98	95	92.5	86	83	78	69	58	47		
CDM 3-15	25x25	1.5	2		113	-	-	-	110	109	108	107	105	103	100	94	90	86	76	64	51		
CDM 3-16	25x25	1.5	2		120	-	-	-	118	117	116	114	112	110	107	100	96	92	81	69	54		
CDM 3-18	25x25	2.2	3		136	-	-	-	133	132	130	128	126	123	120	113	108	102	90	76	61		
CDM 3-19	25x25	2.2	3		143	-	-	-	140	139	137	135	132	129	126	119	114	108	96	82	64		
CDM 3-20	25x25	2.2	3		151	-	-	-	148	146	144	142	140	137	133	125	120	114	100	85	67		
CDM 3-21	25x25	2.2	3		158	-	-	-	155	154	152	150	147	144	140	131	126	120	106	90	71		
CDM 3-22	25x25	2.2	3		166	-	-	-	162	160	158	156	154	150	146	137	132	125	110	93	74		
CDM 3-23	25x25	2.2	3		173	-	-	-	170	168	166	164	161	157	153	144	138	131	115	97	78		
CDM 3-24	25x25	2.2	3		181	-	-	-	177	175	173	171	168	164	160	150	144	137	120	101	81		
CDM 3-25	25x25	3	4		188	-	-	-	185	183	181	178	175	171	166	156	150	142	125	105	85		
CDM 3-27	25x25	3	4		204	-	-	-	200	198	195	192	188	184	180	169	162	155	138	117	92		
CDM 3-28	25x25	3	4		212	-	-	-	207	205	202	199	195	191	187	175	168	160	143	121	95		
CDM 3-29	25x25	3	4		220	-	-	-	215	213	210	207	203	199	194	182	175	167	148	126	99		
CDM 3-31	25x25	3	4		235	-	-	-	230	227	224	220	216	212	207	194	187	178	159	134	106		

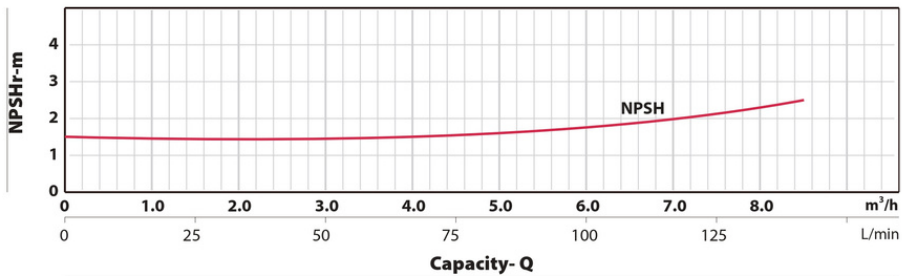
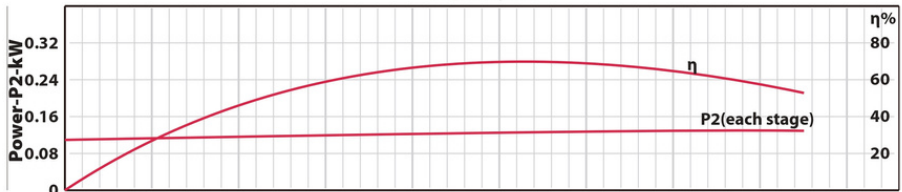
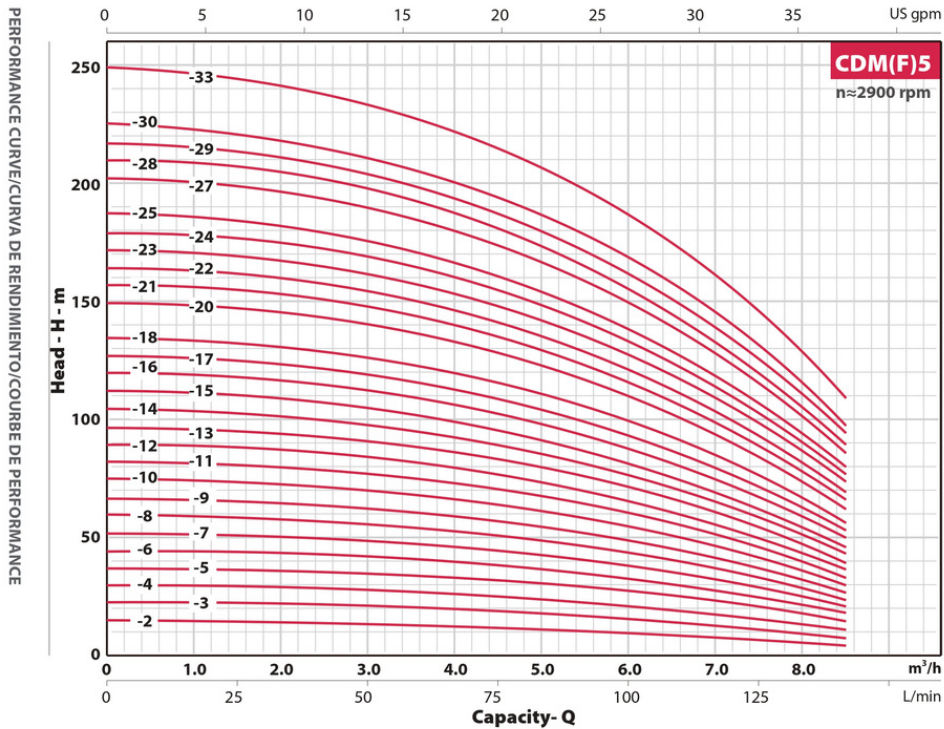
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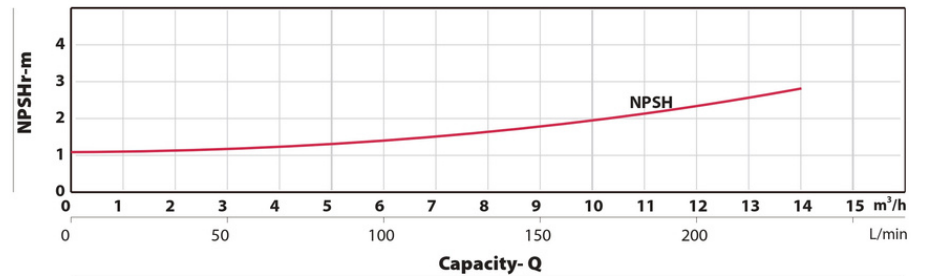
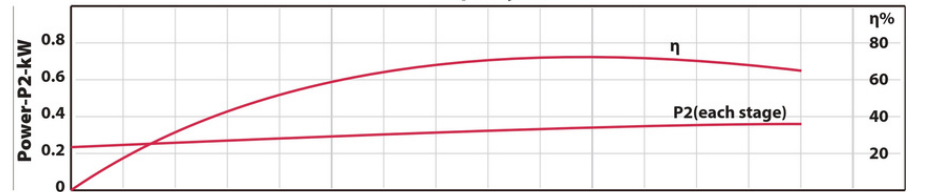
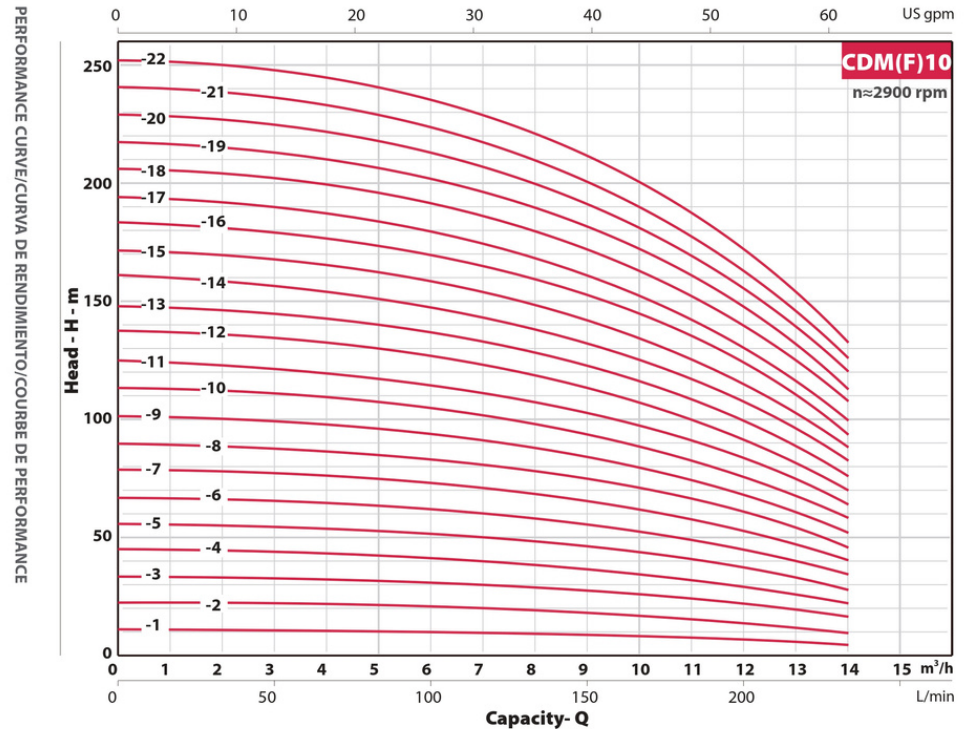
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CDM

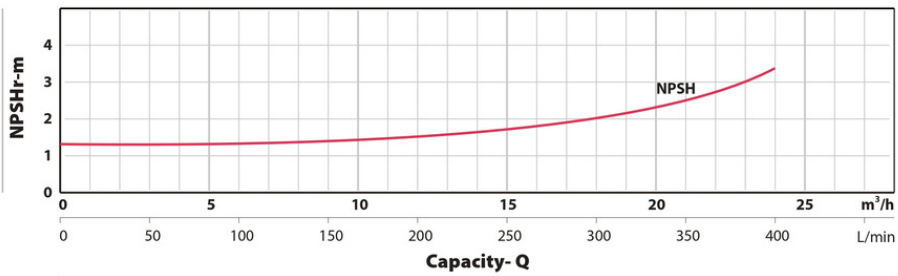
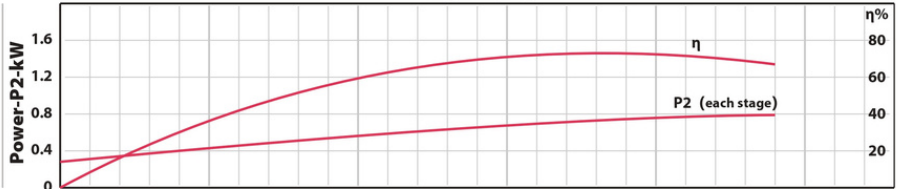
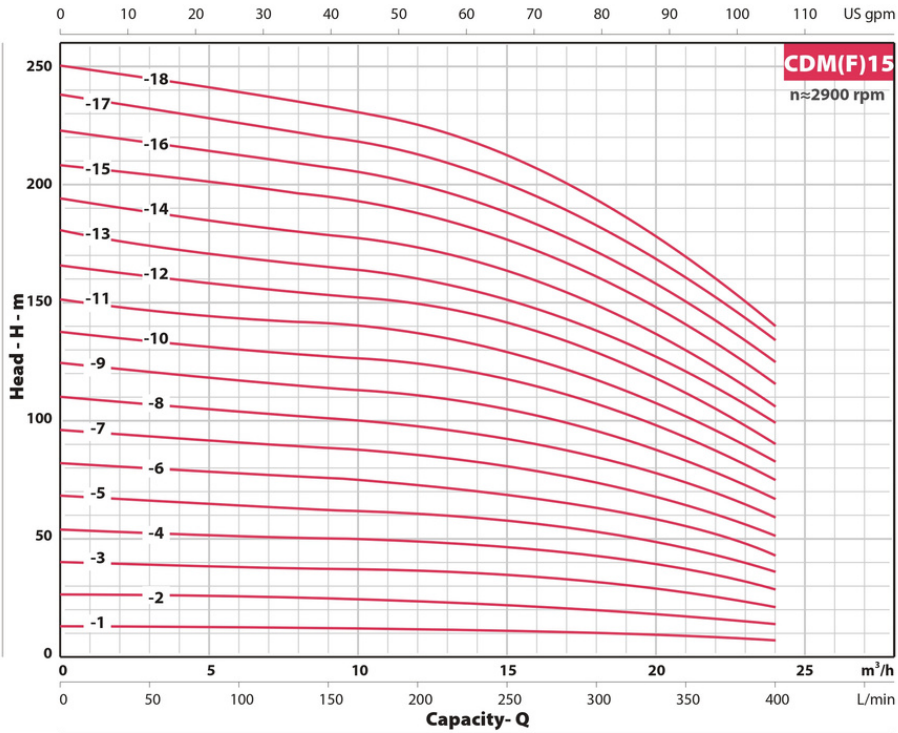


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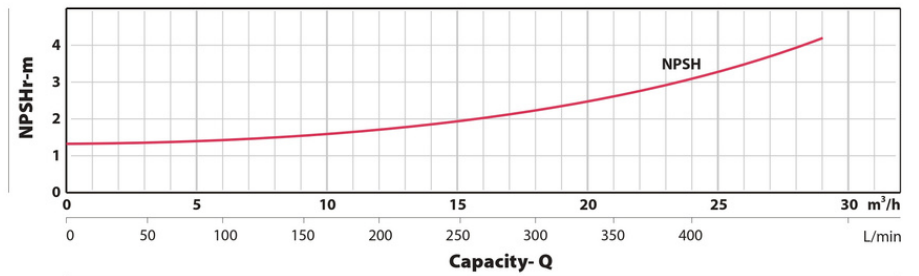
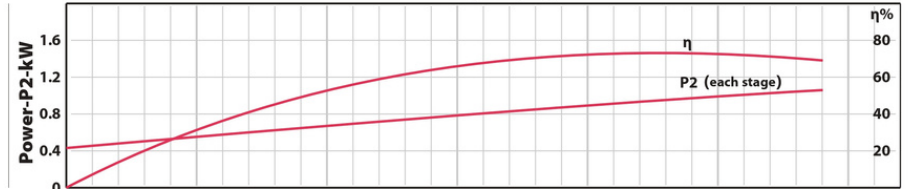
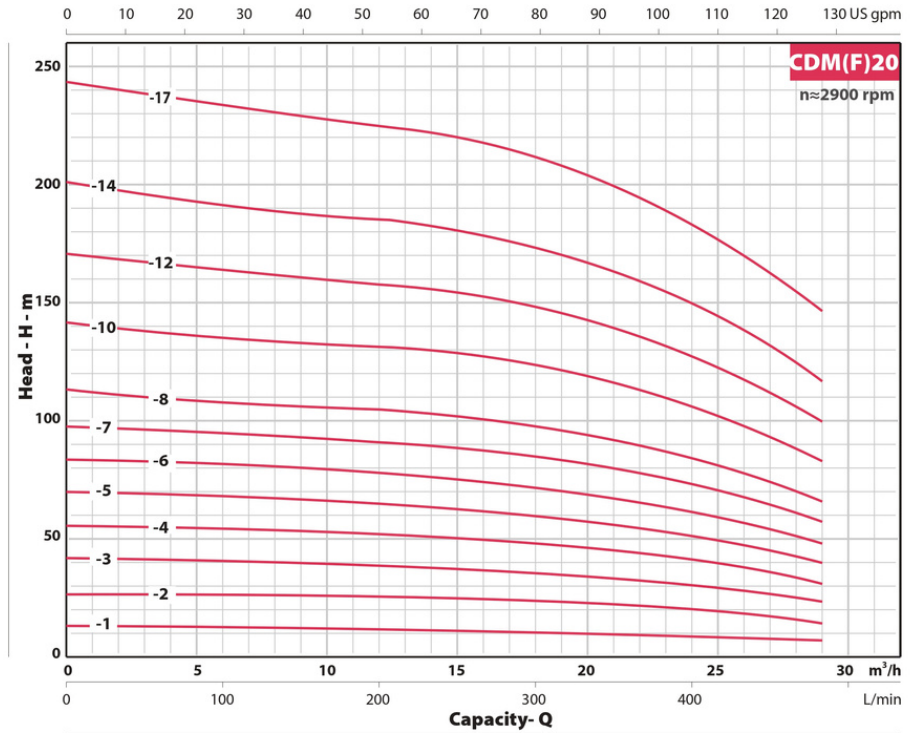
CDM

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

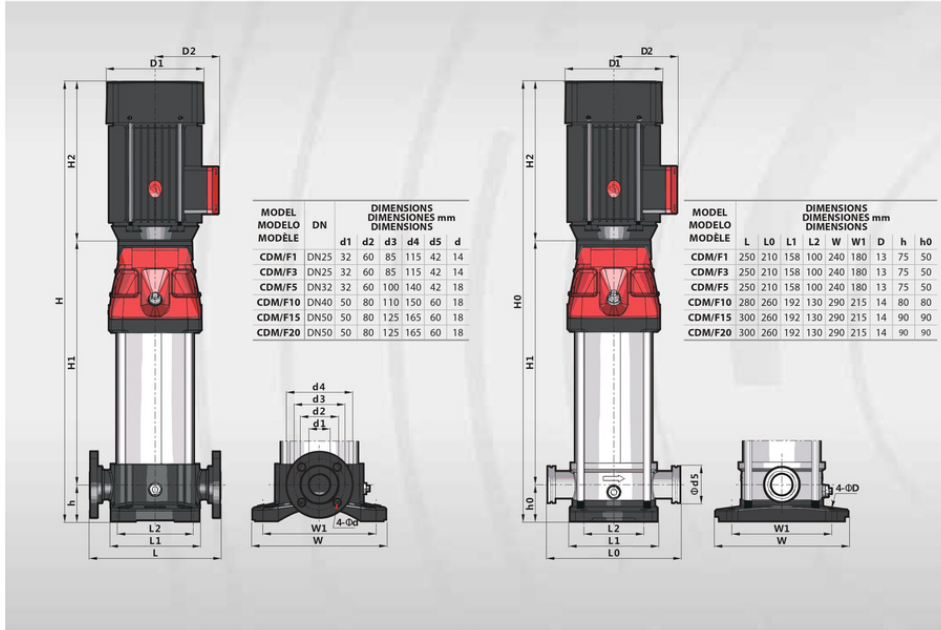


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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE



DIMENSIONS AND N.W./DIMENSIONES Y PESOS/DIMENSIONS ET POIDS



MODEL MODELO	DN	d1	d2	d3	d4	d5	d
CDM/F1	DN25	32	60	85	115	42	14
CDM/F3	DN25	32	60	85	115	42	14
CDM/F5	DN32	40	100	140	42	18	
CDM/F10	DN40	50	80	110	150	60	18
CDM/F15	DN50	50	80	125	165	60	18
CDM/F20	DN50	50	80	125	165	60	18

MODEL MODELO	L	L0	L1	L2	W	W1	D	h	ho
CDM/F1	250	210	158	100	240	180	13	75	50
CDM/F3	250	210	158	100	240	180	13	75	50
CDM/F5	250	210	158	100	240	180	13	75	50
CDM/F10	300	260	192	130	290	215	14	90	80
CDM/F15	300	260	192	130	290	215	14	90	90
CDM/F20	300	260	192	130	290	215	14	90	90

MODEL MODELO	H1	H2	H/H0	D1	D2	CDM	CDMF
1-2	187	215	477/452	148	117	23	19
1-3	207	215	497/472	148	117	23	19
1-4	227	215	517/492	148	117	24	20
1-5	247	215	537/512	148	117	24	20
1-6	267	215	557/532	148	117	25	21
1-7	287	215	577/552	148	117	25	21
1-8	307	215	597/572	148	117	27	23
1-9	327	215	617/592	148	117	27	23
1-10	347	215	637/612	148	117	28	24
1-11	367	215	657/632	148	117	28	24
1-12	397	245	717/692	170	142	31	27
1-13	417	245	737/712	170	142	31	27
1-15	457	245	777/752	170	142	32	28
1-17	497	245	817/792	170	142	35	31
1-19	537	245	857/832	170	142	36	32
1-21	577	245	897/872	170	142	36	32
1-22	597	245	917/892	170	142	37	33
1-23	617	290	937/912	190	155	43	39
1-25	667	290	1032/1007	190	155	44	40
1-27	707	290	1072/1047	190	155	45	41
1-30	767	290	1132/1107	190	155	46	42
1-32	807	290	1172/1147	190	155	49	45
1-33	827	290	1192/1167	190	155	49	45
1-34	847	290	1212/1187	190	155	50	46
1-36	887	290	1252/1227	190	155	51	47
1-38	927	290	1292/1267	190	155	51	47
1-40	967	290	1332/1307	190	155	52	48

MODEL MODELO	H1	H2	H/H0	D1	D2	CDM	CDMF
3-2	187	215	477/452	148	117	24	20
3-3	207	215	497/472	148	117	24	20
3-4	227	215	517/492	148	117	25	21
3-5	247	215	537/512	148	117	26	22
3-6	267	215	557/532	148	117	27	23
3-7	297	245	617/592	170	142	30	26
3-8	317	245	637/612	170	142	30	26
3-9	337	245	657/632	170	142	32	28
3-10	357	245	677/652	170	142	33	29
3-11	377	245	697/672	170	142	33	29
3-12	397	245	717/692	170	142	34	30
3-13	427	290	792/767	190	155	39	35
3-14	447	290	812/787	190	155	40	36
3-15	467	290	832/807	190	155	40	36
3-16	487	290	852/827	190	155	41	37
3-18	527	290	892/867	190	155	43	39
3-19	547	290	912/887	190	155	44	40
3-20	567	290	932/907	190	155	44	40
3-21	587	290	952/927	190	155	45	41
3-22	607	290	972/947	190	155	45	41
3-23	627	290	992/967	190	155	46	42
3-24	647	290	1012/987	190	155	46	42
3-25	677	345	1097/1072	197	165	57	53
3-27	717	345	1137/1112	197	165	58	54
3-28	737	345	1157/1132	197	165	58	54
3-29	757	345	1177/1152	197	165	58	54
3-31	797	345	1217/1192	197	165	59	55

DIMENSIONS AND N.W./DIMENSIONES Y PESOS/DIMENSIONS ET POIDS

MODEL MODELO	H1	H2	H/H0	D1	D2	CDM	CDMF
5-2	201	215	491/466	148	117	24	19
5-3	228	215	518/493	148	117	26	21
5-4	255	215	545/520	148	117	27	22
5-5	292	245	612/587	170	142	30	25
5-6	319	245	639/614	170	142	32	27
5-7	346	245	666/641	170	142	32	27
5-8	373	245	693/668	170	142	33	28
5-9	410	290	775/750	190	155	38	33
5-10	437	290	802/777	190	155	39	34
5-11	464	290	829/804	190	155	39	34
5-12	491	290	856/831	190	155	42	37
5-13	518	290	883/858	190	155	42	37
5-14	545	290	910/885	190	155	43	38
5-15	572	290	937/912	190	155	43	38
5-16	599	290	964/939	190	155	44	39
5-17	636	345	1056/1030	197	165	55	50
5-18	663	345	1083/1058	197	165	55	50
5-20	717	345	1137/1112	197	165	56	51
5-21	744	345	1164/1139	197	165	57	52
5-22	771	355	1201/1176	230	188	64	59
5-23	798	355	1228/1203	230	188	65	60
5-24	825	355	1255/1230	230	188	65	60
5-25	852	355	1282/1257	230	188	66	61
5-27	906	355	1336/1311	230	188	67	62
5-28	933	355	1363/1338	230	188	67	62
5-29	1035	390	1500/1475	260	208	87	82
5-30	1062	390	1527/1502	260	208	88	83
5-33	1143	390	1608/1583	260	208	89	84

MODEL MODELO	H1	H2	H/H0	D1	D2	CDM	CDMF
15-1	297	245	632	170	142	40	33
15-2	307	290	687	190	155	48	41
15-3	362	345	797	197	165	59	52
15-4	407	355	852	230	188	66	59
15-5	452	355	897	230	188	68	61
15-6	575	390	1055	260	208	90	83
15-7	620	390	1100	260	208	91	84
15-8	665	390	1145	260	208	98	91
15-9	710	390	1190	260	208	99	92
15-10	785	500	175	330	255	157	150
15-11	830	500	1420	330	255	159	152
15-12	875	500	1465	330	255	160	153
15-13	920	500	1510	330	255	162	155
15-14	965	500	1555	330	255	163	156
15-15	1010	500	1600	330	255	179	172
15-16	1055	500	1645	330	255	181	174
15-17	1100	500	1690	330	255	182	175
15-18	1145	500	1735	330	255	184	177

MODEL MODELO	H1	H2	H/H0	D1	D2	CDM	CDMF
10-1	267	245	592	170	142	31	29
10-2	267	245	592	170	142	32	30
10-3	297	245	622	170	142	35	33
10-4	337	290	707	190	155	41	39
10-5	367	290	737	190	155	45	43
10-6	397	290	767	190	155	46	44
10-7	437	345	862	197	165	57	55
10-8	467	345	892	197	165	58	56
10-9	497	355	932	230	188	65	63
10-10	527	355	962	230	188	66	64
10-11	557	355	992	230	188	67	65
10-12	665	355	1100	230	188	68	66
10-13	695	390	1165	260	208	88	86
10-14	725	390	1195	260	208	89	87
10-15	755	390	1225	260	208	90	88
10-16	785	390	1255	260	208	99	97
10-17	815	390	1285	260	208	100	98
10-18	845	390	1315	260	208	101	99
10-19	875	390	1345	260	208	102	100
10-20	905	390	1375	260	208	103	101
10-21	935	390	1405	260	208	104	102
10-22	995	500	1575	330	255	170	168

MODEL MODELO	H1	H2	H/H0	D1	D2	CDM	CDMF
20-1	297	245	632	170	142	40	33
20-2	307	290	687	190	155	48	41
20-3	362	355	807	230	188	66	59
20-4	485	390	965	260	208	88	81
20-5	530	390	1010	260	208	90	83
20-6	575	390	1055	260	208	99	92
20-7	620	390	1100	260	208	100	93
20-8	695	500	1285	330	255	167	160
20-10	785	500	1375	330	255	170	163
20-12	875	500	1465	330	255	188	181
20-14	965	500	1555	330	255	191	184
20-17	1100	550	1740	330	255	212	205