



Cierre mecánico en cartucho
Cartridge mechanical seal
Guarniture en cartouche

Bombas verticales multicelulares.

Aplicaciones:

Las electrobombas de la serie XV-F son bombas centrífugas verticales multicelulares, no autocebantes, con bocas de aspiración e impulsión en línea, que por su elevado rendimiento las hace ideales para su uso en equipos de presión, en instalaciones industriales y en todas aquellas aplicaciones en que se requiera altas presiones con caudales moderados.

Características constructivas:

Turbinas, difusores, eje, camisa externa y cámaras intermedias, íntegramente en acero inoxidable AISI 304. Base aspiración-impulsión y cuerpo superior en fundición de hierro de alta resistencia. Sello mecánico en carburo de silicio/EPDM. Juntas tóricas en goma EPDM o teflón. **Incorporan un novedoso sello mecánico de tipo cartucho, que permite una fácil y rápida sustitución, sin desmontar ninguna pieza de la parte hidráulica de la bomba.**

Todas las versiones equipan bridas DIN y no incorporan contrabridas de serie:

XV-F 5	.....	DN 32
XV-F 10	.....	DN 40
XV-F 15 y XV-F 20	.....	DN 50
XV-F 32	.....	DN 65
XV-F 45	.....	DN 80
XV-F 64 y XV-F 90	.....	DN 100

Motor:

Motor asíncrono, tipo cerrado y de ventilación externa, apto para trabajo continuo. Grado de protección IP-54, aislamiento clase F, a 2.850 r.p.m.

Los modelos monofásicos a 230 V incorporan un protector térmico y condensador permanente.

Temperatura del líquido a bombear -15° C a +120° C

Temperatura máxima ambiente 45° C

Vertical multistage pumps.

Applications:

The electropumps of the XV-F series are multicellular vertical centrifugal pumps, non self-priming, with suction and drive in line, and their high output makes them ideal for use in pressure equipment, industrial installations and all applications requiring high pressures with moderate flows.

Construction:

Impellers, diffusers, shaft, external cladding and intermediate chambers entirely in AISI 304 stainless steel. Suction drive base and upper body in high strength cast iron. Silicium carbide/EPDM mechanical seal. EPDM rubber or Teflon o-rings. **Includes a new mechanical seal type cartridge, for quick and easy substitution without dismantling any piece of the hydraulic part of the pump.**

All versions are fitted with DIN flanges and do not includes counter flanges as standard.

XV-F 5	.....	DN 32
XV-F 10	.....	DN 40
XV-F 15 and XV-F 20	.....	DN 50
XV-F 32	.....	DN 65
XV-F 45	.....	DN 80
XV-F 64 and XV-F 90	.....	DN 100

Motor:

Sealed asynchronous with external ventilation, suitable for continuous work. IP-55 protection, class F insulation, at 2,850 rpm. Single phase versions at 230 V includes a thermal protector and permanent capacitor.

Maximum water temperature -15° C to +120° C

Maximum ambient temperature 45° C

Pompes verticales multicellulaires.

Applications:

Les pompes verticales multicellulaires de la série XV-F étant très performantes, sont spécialement indiquées pour être utilisées sur des équipements de pressurisation et contre incendies, aussi bien pour un usage civil qu'industriel. La construction est in-line. Elles sont spécifiquement conçues pour fonctionner avec de modernes systèmes de contrôle comme les Variateurs de fréquence, etc.

Caractéristiques Constructives:

Turbinas, difusores, arbre pompe, corps pompe en acier inoxidable AISI 304, contrebrides d'aspiración et d'impulsion, corps aspiration et impulsión en fonte GG-20 avec traitement anti-oxydant intérieur et extérieur. **Arbre appuyé sur douille inférieure guide en bronze. Fermeture mécanique en carbure de silicium/EPDM et AISI 304.**

Toutes les versions équipées avec des brides DIN et ne comprennent pas les contre-brides.

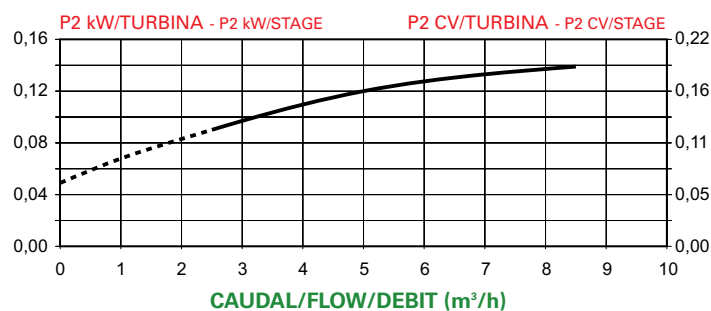
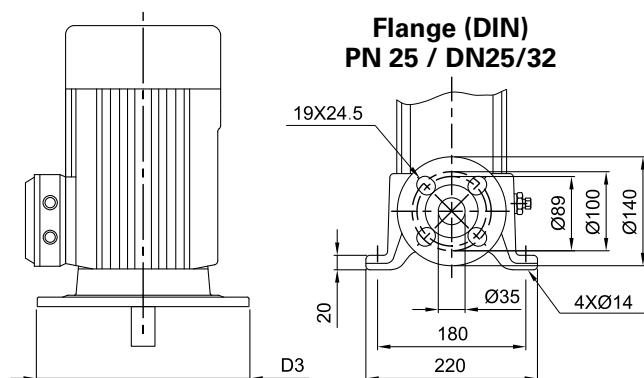
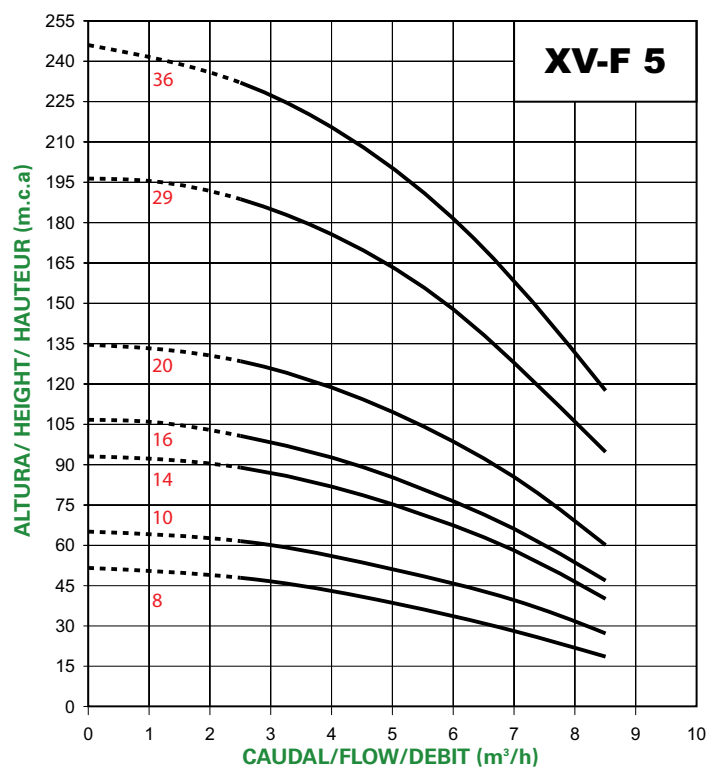
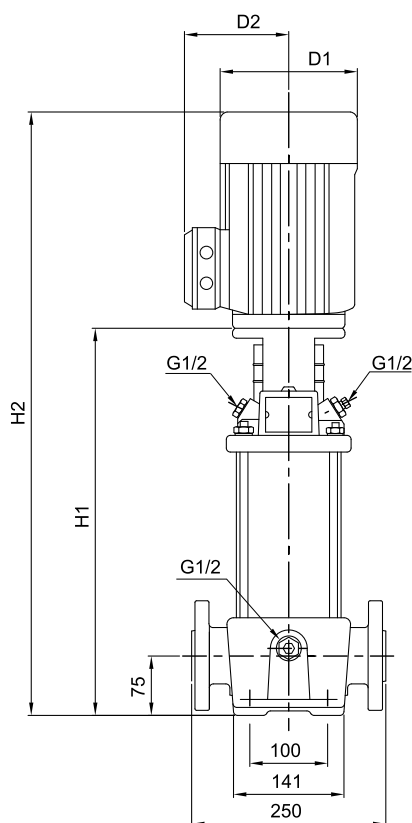
XV-F 5	.....	DN 32
XV-F 10	.....	DN 40
XV-F 15 et XV-F 20	.....	DN 50
XV-F 32	.....	DN 65
XV-F 45	.....	DN 80
XV-F 64 et XV-F 90	.....	DN 100

Moteur:

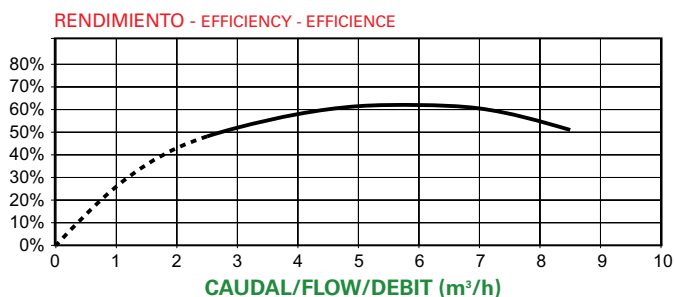
Moteur asynchrone standard, fermé à ventilation externe, apte à un travail continu. Degré de protection IP-55, isolement classe F (chauffage « B ») apte à un fonctionnement à travers de variateurs de fréquence.

Température maximale de l'eau -15° C to +120° C

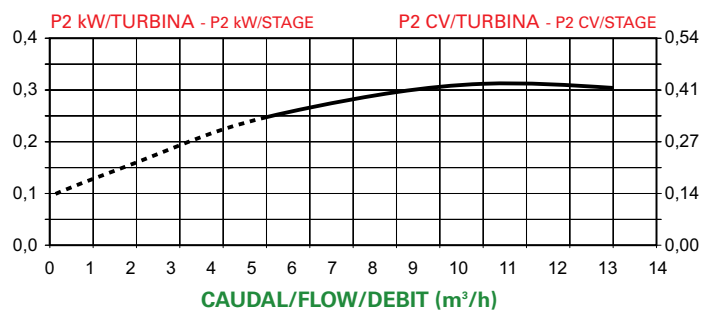
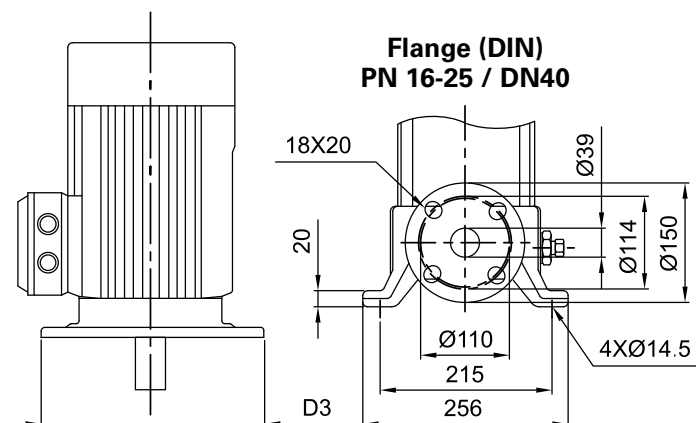
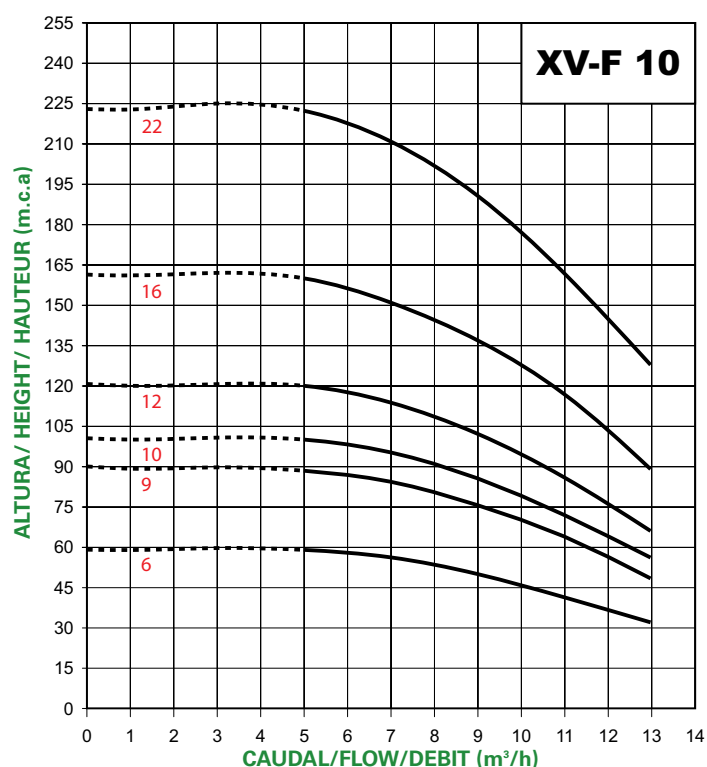
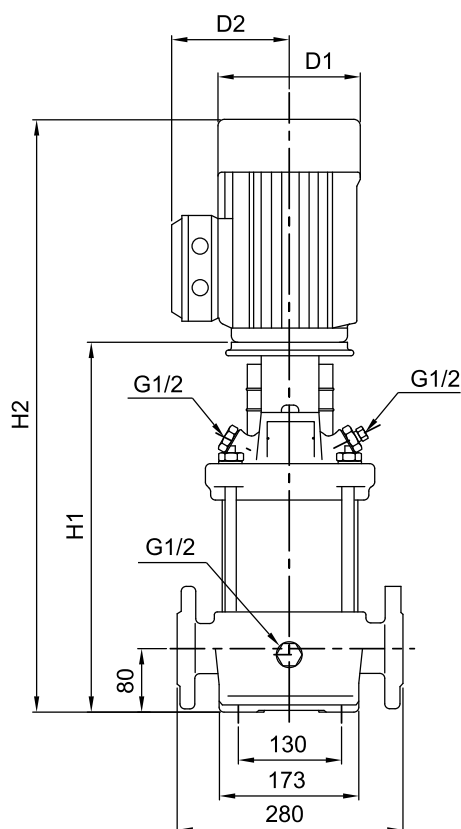
Température ambiante maximale 45° C



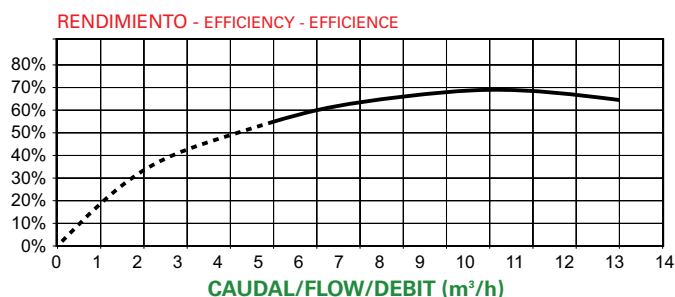
Tipo / Type	H1	H2	D1	D2	D3	Peso Kg.
XV-F 5-8	447	678	141	109	120	31
XV-F 5-10	517	792	175	140	140	38,9
XV-F 5-14	625	900	175	140	140	43,2
XV-F 5-16	679	954	175	140	140	44,3
XV-F 5-20	791	1111	196	148	160	53,4
XV-F 5-29	1034	1369	219	162	160	65,5
XV-F 5-36	1253	1613	234	199	300	88,2



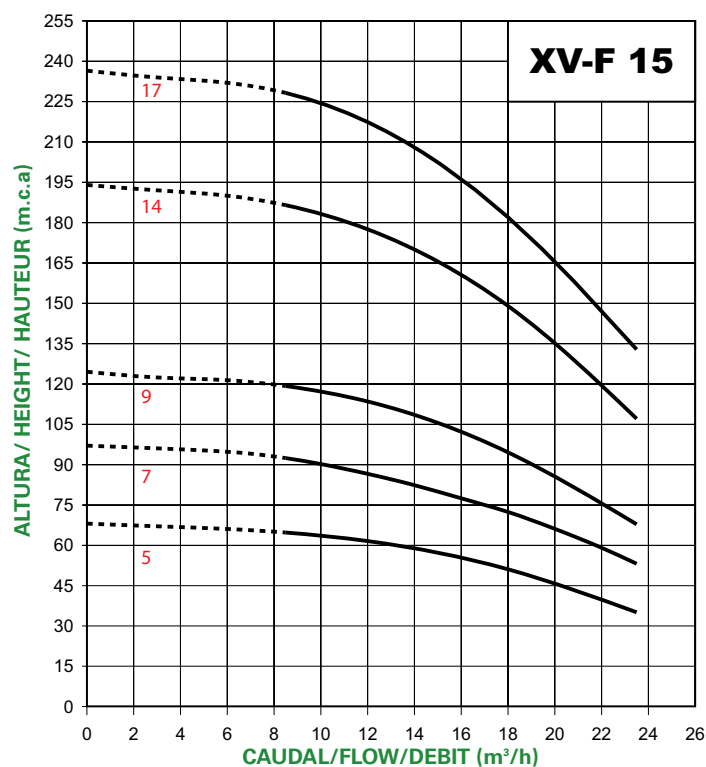
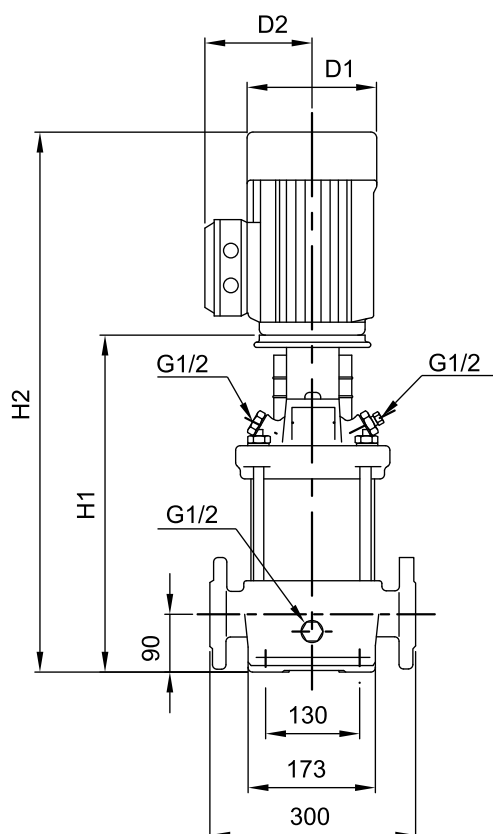
Tipo Type	Potencia		"A"			Caudal m³/h / Flow m³/h										Diámetro	
	HP	KW	II 230	III 230	III 400	0	1	2	3	4	5	6	7	8		ASP	IMP.
XV-F 5-8 M/T	1,5	1,1	9,3	4,3	2,5	52	51	48	46	43	39	34	28	22		DN 32	DN 32
XV-F 5-10 M/T	2	1,5	12	5,9	3,4	65	64	62	60	56	51	46	40	32		DN 32	DN 32
XV-F 5-14 T	3	2,2	-	8,3	4,8	93	92	90	87	82	75	67	58	47		DN 32	DN 32
XV-F 5-16 T	3	2,2	-	8,3	4,8	108	107	103	98	92	86	77	67	54		DN 32	DN 32
XV-F 5-20 T	4	3	-	10,9	6,3	135	133	131	126	118	110	98	85	68		DN 32	DN 32
XV-F 5-29 T	5,5	4	-	13,8	8	197	196	192	185	176	164	148	128	107		DN 32	DN 32
XV-F 5-36 T	7,5	5,5	-	21,5	12,4	246	242	236	227	216	190	182	158	132		DN 32	DN 32



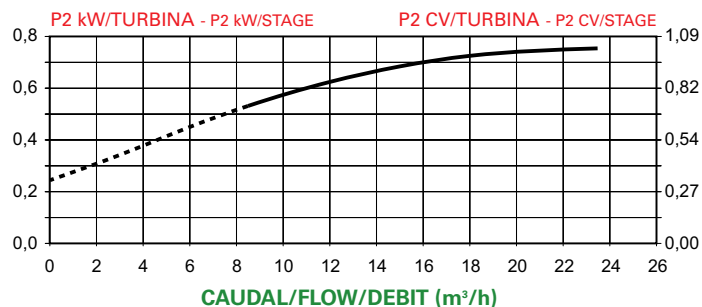
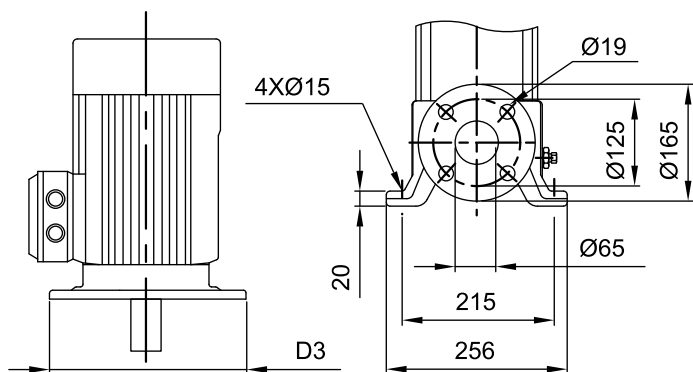
Tipo / Type	H1	H2	D1	D2	D3	Peso Kg.
XV-F 10-6	483	758	175	140	140	52,5
XV-F 10-9	578	898	196	148	160	62,5
XV-F 10-10	608	943	219	162	160	70,5
XV-F 10-12	608	1003	219	162	160	72,6
XV-F 10-16	820	1180	234	199	300	100,5
XV-F 10-22	1000	1400	234	199	300	115,7



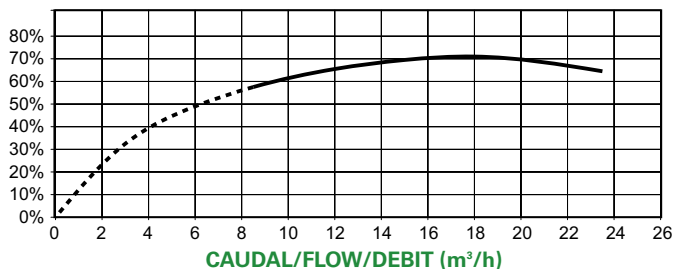
Tipo Type	Potencia		“A”		Caudal m³/h / Flow m³/h									Diámetro	
			III 230	III 400	0	4,5	6	7	8	9	10	11	12	ASP	IMP
	Altura m.c.a. / Height w.c.m.														
XV-F 10-6	3	2,2	8,8	5,1	60	59	58	57	53	50	46	42	37	DN 40	DN 40
XV-F 10-9	4	3	11,8	6,8	90	88	87	85	80	76	70	64	57	DN 40	DN 40
XV-F 10-10	5,5	4	16,8	9,7	101	100	98	96	91	86	79	72	64	DN 40	DN 40
XV-F 10-12	5,5	4	16,8	9,7	121	120	117	114	108	102	95	86	77	DN 40	DN 40
XV-F 10-16	7,5	5,5	21,5	12,4	162	161	156	152	145	137	128	117	104	DN 40	DN 40
XV-F 10-22	10	7,5	28	16,4	225	223	218	211	202	190	178	162	145	DN 40	DN 40



**Flange (DIN)
PN 16-25 / DN50**

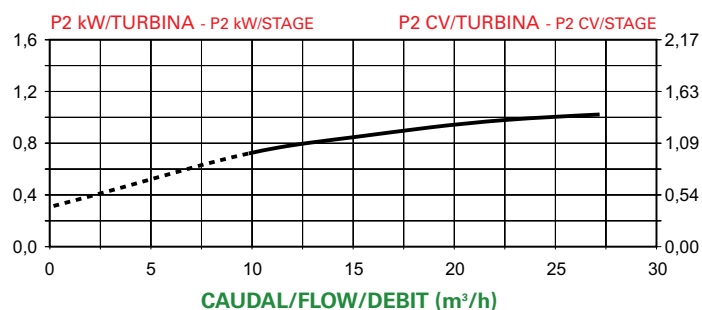
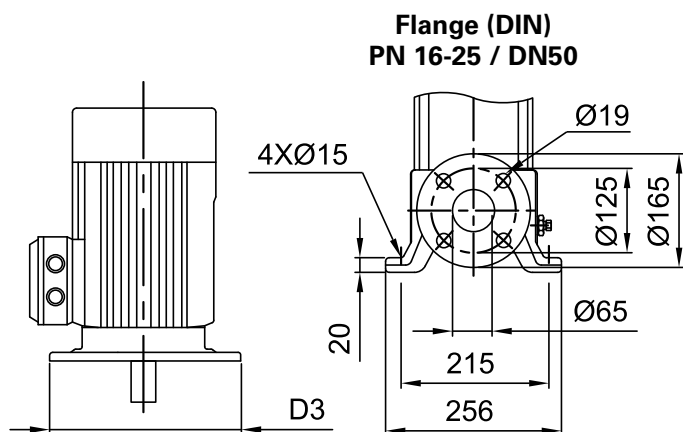
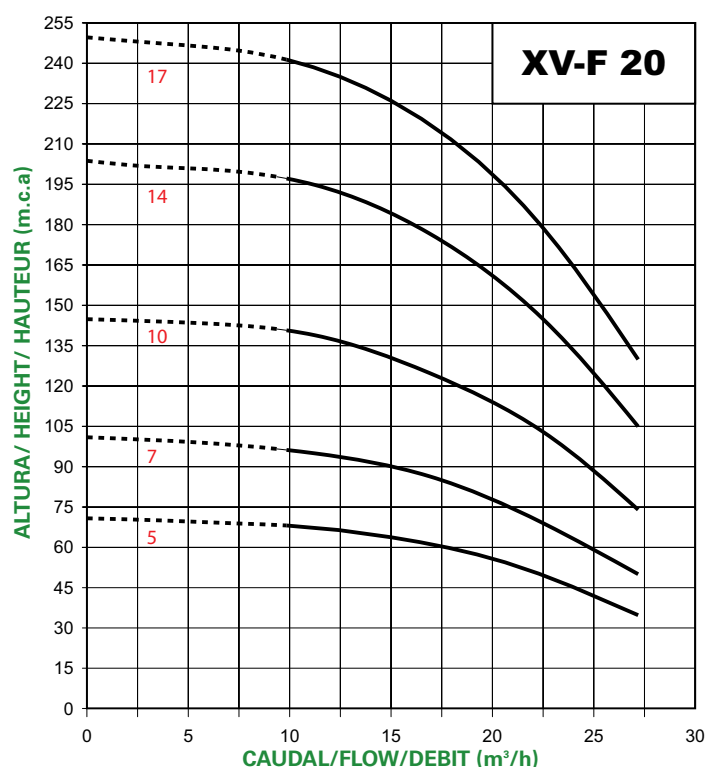
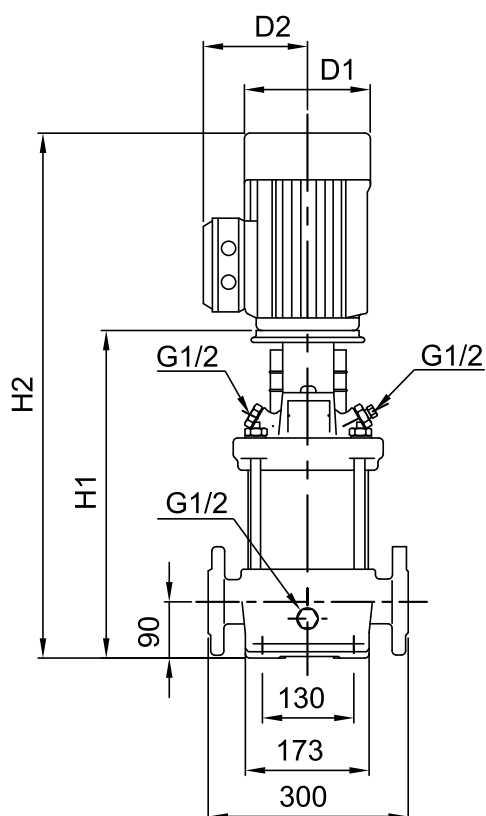


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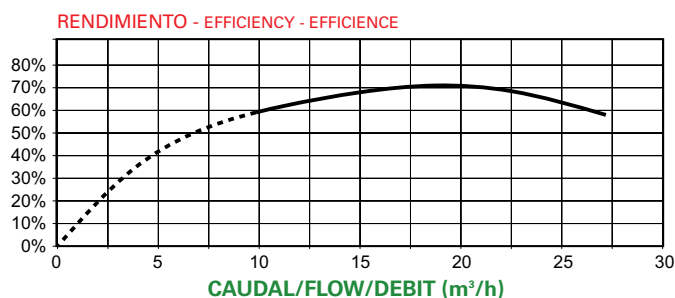


Tipo / Type	H1	H2	D1	D2	D3	Peso Kg.
XV-F 15-5	550	890	219	162	160	71,7
XV-F 15-7	677	1037	234	199	300	97,7
XV-F 15-9	767	1167	234	199	300	109,5
XV-F 15-14	1069	1517	268	215	300	146,2
XV-F 15-17	1204	1693	268	215	350	161,4

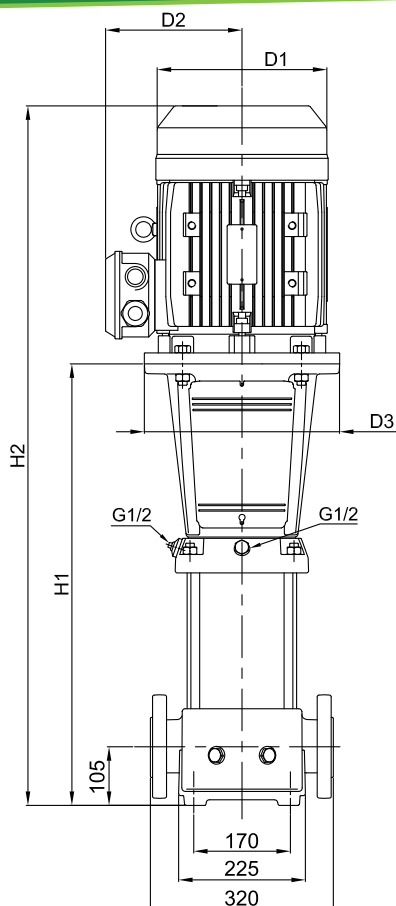
Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h										Diámetro	
	HP	KW	III 230	III 400	0	6	10	12	14	16	18	20	22	ASP.	IMP.	
					Altura m.c.a. / Height w.c.m.											
XV-F 15-5	5,5	4	16,8	9,7	68	67	64	62	58	55	51	46	40	DN 50	DN 50	
XV-F 15-7	7,5	5,5	21,5	11,3	97	95	90	87	82	78	72	66	59	DN 50	DN 50	
XV-F 15-9	10	7,5	28	14,7	125	122	118	113	108	102	95	86	76	DN 50	DN 50	
XV-F 15-14	15	11	40	21	194	190	183	178	170	160	149	135	120	DN 50	DN 50	
XV-F 15-17	20	15	50	29	237	233	225	217	208	190	182	165	147	DN 50	DN 50	



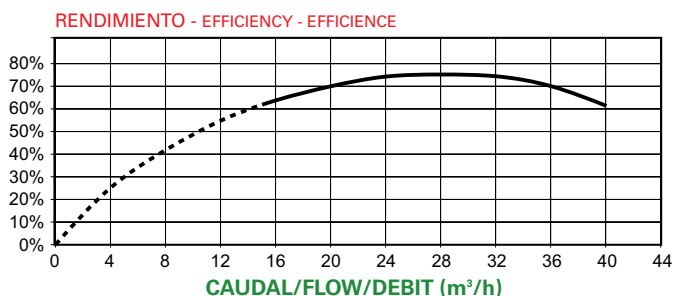
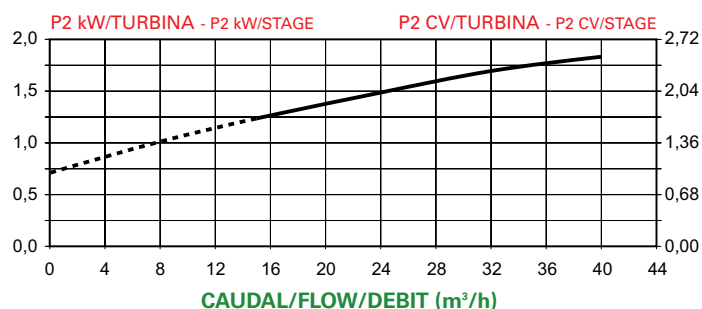
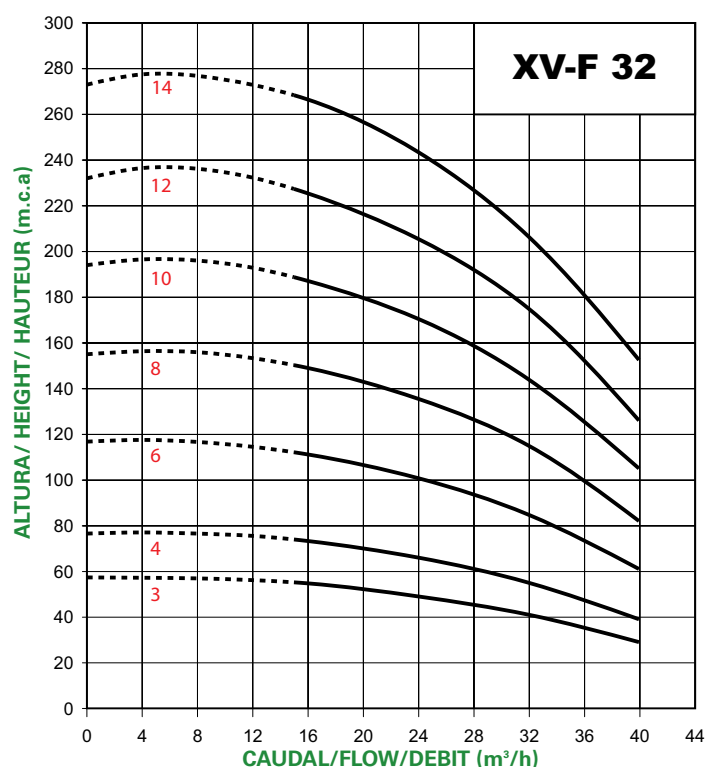
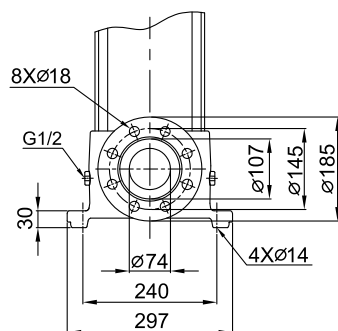
Tipo / Type	H1	H2	D1	D2	D3	Peso Kg.
XV-F 20-5	587	947	234	199	300	95
XV-F 20-7	677	1077	234	199	300	106,8
XV-F 20-10	889	1334	268	215	350	140,7
XV-F 20-14	1069	1558	268	215	350	157,3
XV-F 20-17	1204	1739	317	242	350	196,4



Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h								Diámetro	
	HP	KW	III 400	III 690	0	4	8	12	16	20	24	28	ASP	IMP.
XV-F 20-5	7,5	5,5	11,3	6,6	70	70	69	67	63	58	50	37	DN 50	DN 50
XV-F 20-7	10	7,5	14,7	8,5	102	100	97	95	90	82	69	54	DN 50	DN 50
XV-F 20-10	15	11	21	12,2	145	144	142	139	130	118	103	80	DN 50	DN 50
XV-F 20-14	20	15	29	16,8	204	203	200	195	185	168	145	113	DN 50	DN 50
XV-F 20-17	25	18,5	35	20,2	250	247	245	238	226	207	179	140	DN 50	DN 50

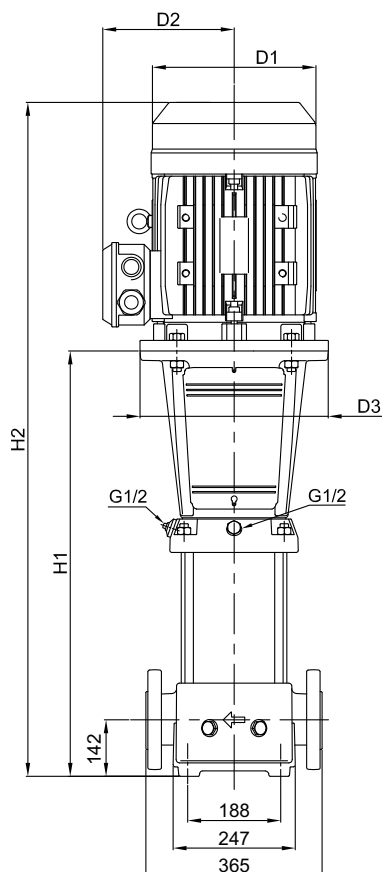


**Flange (DIN)
PN 16-25-40 / DN65**

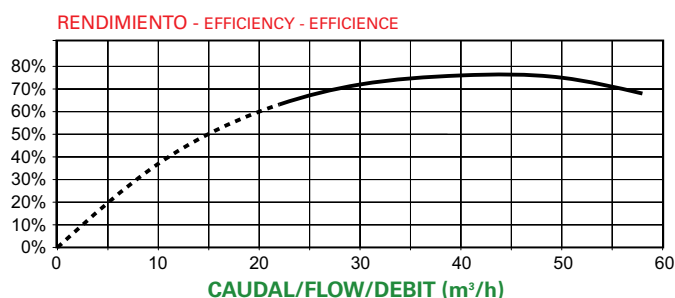
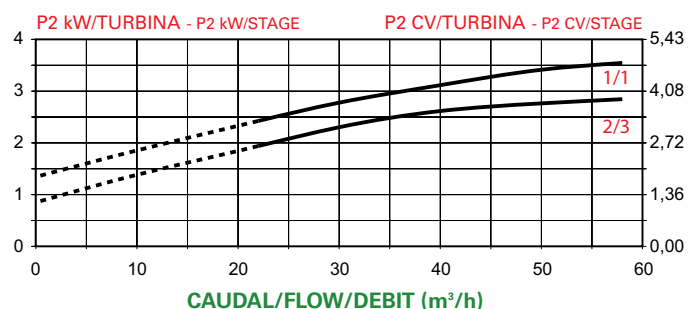
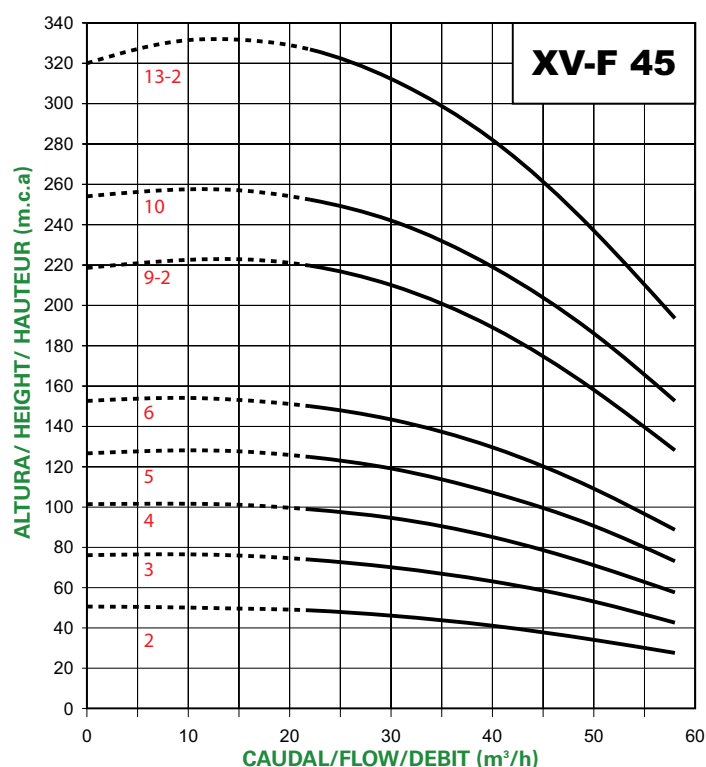
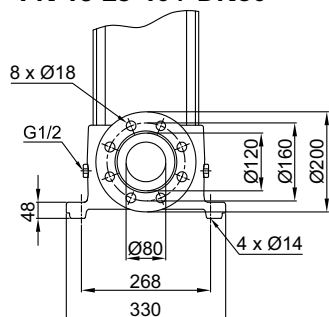


Tipo / Type	H1	H2	D1	D2	D3	Peso Kg.
XV-F 32-3	644	1004	234	199	300	104,4
XV-F 32-4	714	1114	234	199	300	116,4
XV-F 32-6	964	1409	268	215	350	156
XV-F 32-8	1104	1593	268	215	350	173
XV-F 32-10	1244	1779	317	242	350	214
XV-F 32-12	1384	1963	317	242	350	229
XV-F 32-14	1524	2147	317	290	400	320

Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h								Diámetro	
	HP	KW	III 400	III 690	0	6	12	18	24	30	36	40	ASP.	IMP.
XV-F 32-3	7,5	5,5	11,3	6,6	58	58	57	54	48	42	35	29	DN 65	DN 65
XV-F 32-4	10	7,5	14,7	8,5	76	76	75	72	65	58	48	39	DN 65	DN 65
XV-F 32-6	15	11	21	12,2	116	116	114	109	101	90	74	61	DN 65	DN 65
XV-F 32-8	20	15	29	16,8	154	156	152	146	136	120	100	82	DN 65	DN 65
XV-F 32-10	25	18,5	35	20,2	194	197	192	183	170	152	126	106	DN 65	DN 65
XV-F 32-12	30	22	42	24,3	232	237	232	222	205	185	152	127	DN 65	DN 65
XV-F 32-14	40	30	64	37	273	278	275	270	244	217	180	153	DN 65	DN 65

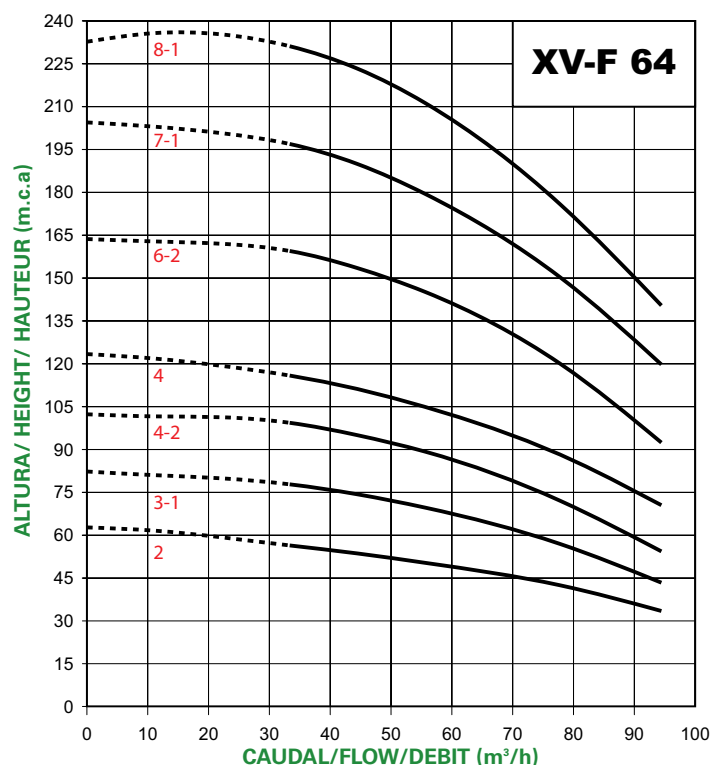
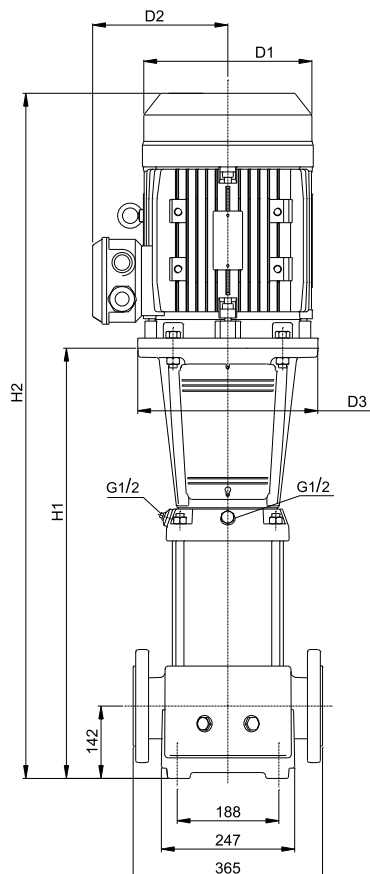


**Flange (DIN)
PN 16-25-40 / DN80**

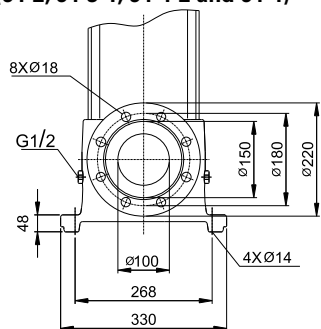


Tipo / Type	H1	H2	D1	D2	D3	Peso Kg.
XV-F 45-2	641	1041	234	199	300	121,4
XV-F 45-3	831	1276	268	215	350	158,6
XV-F 45-4	911	1400	268	215	350	173,3
XV-F 45-5	991	1526	317	242	350	211,9
XV-F 45-6	1071	1650	317	242	350	226,4
XV-F 45-9-2	1311	1934	317	290	400	322,6
XV-F 45-10	1391	2116	398	365	400	395,2
XV-F 45-13-2	1631	2356	398	365	450	434

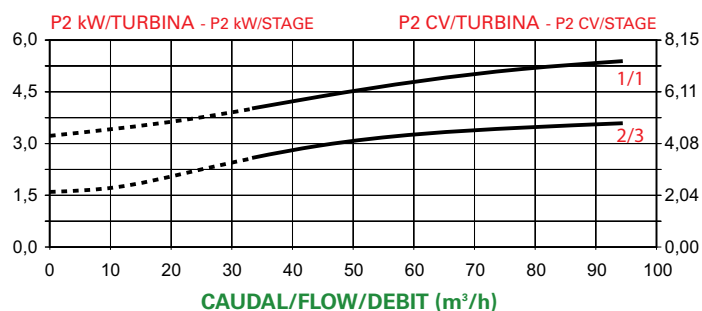
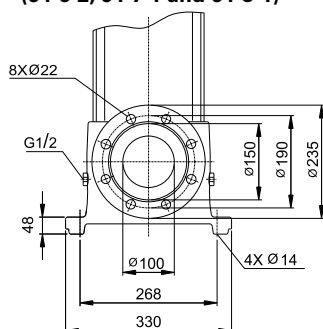
Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h										Diámetro	
	HP	KW	III 400	III 690	0	10	16	26	34	42	50	58	Altura m.c.a. / Height w.c.m.		ASP.	IMP.
XV-F 45-2	10	7,5	14,7	8,5	50	50	49	47	45	40	34	29			DN 80	DN 80
XV-F 45-3	15	11	21	12,2	75	74	73	72	69	63	53	44			DN 80	DN 80
XV-F 45-4	20	15	29	16,8	100	101	100	97	92	84	71	57			DN 80	DN 80
XV-F 45-5	25	18,5	35	20,2	125	127	124	122	117	105	90	75			DN 80	DN 80
XV-F 45-6	30	22	42	24,3	151	152	151	149	139	128	118	90			DN 80	DN 80
XV-F 45-9-2	40	30	64	37	218	222	221	216	202	186	158	128			DN 80	DN 80
XV-F 45-10	50	37	69	40	252	255	253	249	232	218	185	153			DN 80	DN 80
XV-F 45-13-2	60	45	83	48	320	330	328	322	300	280	237	196			DN 80	DN 80



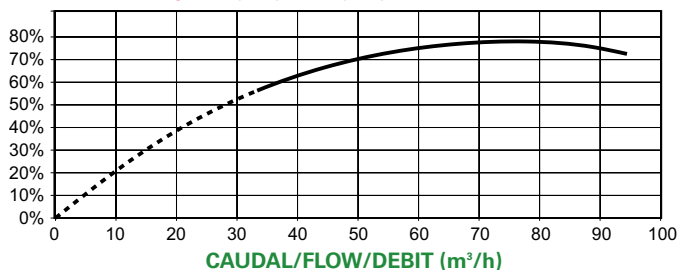
**Flange (DIN)
PN 16 / DN100**
(64-2, 64-3-1, 64-4-2 and 64-4)



**Flange (DIN)
PN 25-40 / DN100**
(64-6-2, 64-7-1 and 64-8-1)

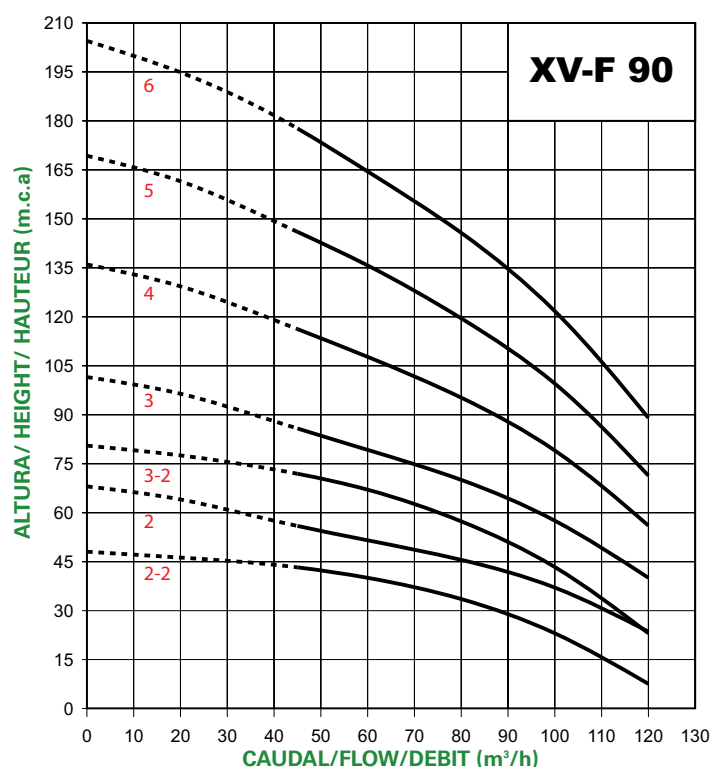
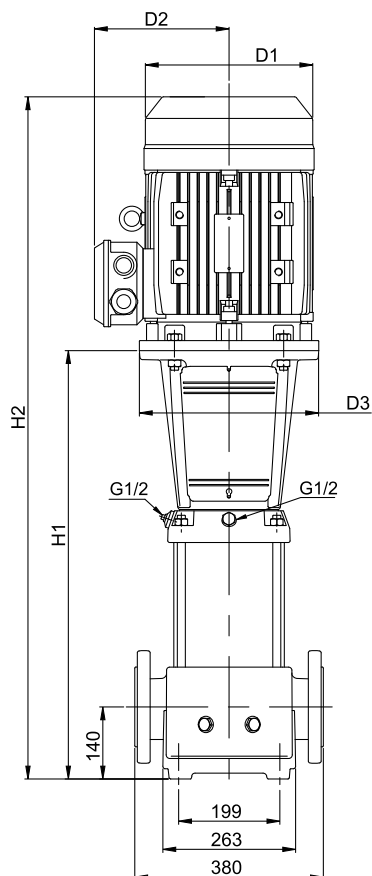


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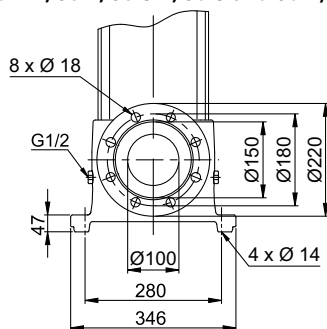


Tipo / Type	H1	H2	D1	D2	D3	Peso Kg.
XV-F 64-2	756	1201	268	215	350	149,16
XV-F 64-3-1	868	1327	268	215	350	164,62
XV-F 64-4-2	921	1456	317	242	350	203,52
XV-F 64-4	921	1500	317	242	350	214,28
XV-F 64-6-2	1086	1709	317	290	400	307,29
XV-F 64-7-1	1168	1893	398	365	400	380,24
XV-F 64-8-1	1255	1980	398	365	450	412,24

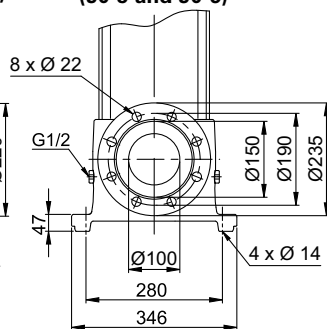
Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h								Diámetro	
	HP	KW	III 400	III 690	0	12	24	36	48	60	72	85	ASP.	IMP.
XV-F 64-2	15	11	21	12,2	60	58	56	53	49	45	40	33	DN 100	DN 100
XV-F 64-3-1	20	15	29	16,8	78	77	76	74	68	62	54	42	DN 100	DN 100
XV-F 64-4-2	25	18,5	35	20,2	98	98	97	94	86	78	68	52	DN 100	DN 100
XV-F 64-4	30	22	42	24,3	118	117	113	109	102	94	84	68	DN 100	DN 100
XV-F 64-6-2	40	30	64	37	156	155	154	149	140	128	114	89	DN 100	DN 100
XV-F 64-7-1	50	37	69	40	195	194	191	185	173	160	143	115	DN 100	DN 100
XV-F 64-8-1	60	45	83	48	223	226	223	217	204	187	167	135	DN 100	DN 100



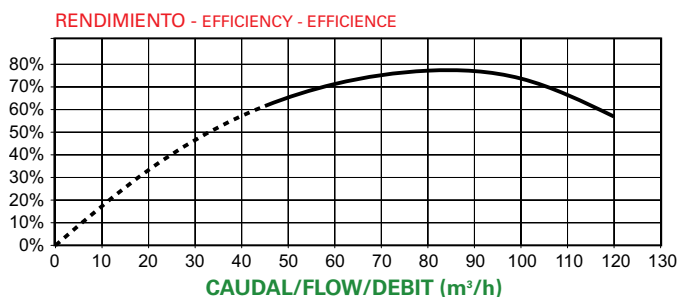
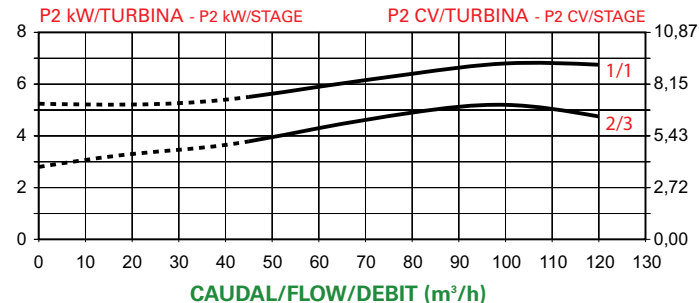
**Flange (DIN)
PN 16 / DN100**
(90-2-2, 90-2, 90-3-2, 90-3 and 90-4)



**Flange (DIN)
PN 25-40 / DN100**
(90-5 and 90-6)



Tipo / Type	H1	H2	D1	D2	D3	Peso Kg.
XV-F 90-2-2	774	1219	268	215	350	163,82
XV-F 90-2	774	1263	268	215	350	174,86
XV-F 90-3-2	866	1401	317	242	350	214,94
XV-F 90-3	866	1445	317	242	350	225,74
XV-F 90-4	958	1581	317	290	400	316,12
XV-F 90-5	1050	1775	398	365	400	391,52
XV-F 90-6	1142	1867	398	365	450	424,62



Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h								Diámetro	
	HP	KW	III 400	III 690	0	18	36	54	72	90	108	120	ASP.	IMP.
XV-F 90-2-2	15	11	21	12,2	48	46	44	42	37	28	16	8	DN 100	DN 100
XV-F 90-2	20	15	29	16,8	68	64	59	54	48	42	32	24	DN 100	DN 100
XV-F 90-3-2	25	18,5	35	20,2	80	78	76	68	61	50	34	24	DN 100	DN 100
XV-F 90-3	30	22	42	24,3	102	96	89	82	74	64	50	40	DN 100	DN 100
XV-F 90-4	40	30	64	37	136	130	123	110	99	88	70	56	DN 100	DN 100
XV-F 90-5	50	37	69	40	170	162	152	140	127	110	88	72	DN 100	DN 100
XV-F 90-6	60	45	83	48	204	195	184	168	154	135	108	89	DN 100	DN 100