

FX6-8

Submersible well pumps

The FX series submersible well pumps are of semi-axial type and are available in cast iron or AISI 316 stainless steel.

The FX series, for 6" and 8" well diameters, features a single diffuser type and 4 different impellers per model. This enables easy management of disassembled pumps and spare parts, as well as customer assembly using practical kits. The hexagonal shaft is fully covered by ceramic-coated steel bushings.

The guide bushings are rubber for continuous operation under heavy loads, particularly suitable for high sand content. Impeller wear rings are made of special rubber. Couplings are standardized per NEMA, 6", and 8" norms. Discharge port available threaded or flanged on request.

Rotation is counterclockwise viewed from discharge port. Continuous duty allowed.

For clean, non-aggressive water: deep well pumping (domestic/industrial), water lifting systems, flow/sprinkler irrigation, waterworks, pressurization, fire-fighting/washing systems, autoclave/tank feeding.

Construction features

Suction and delivery outlet	cast iron (FX-FXIS) stainless steel AISI 316 (FXSS)
Impellers	cast iron (FX) stainless steel AISI 316 (FXIS-FXSS)
Diffusers	cast iron (FX-FXIS) stainless steel AISI 316 (FXSS)
Support bush with sleeve	EPDM + ceramic-coated stainless steel AISI 316L (FX-FXIS-FXSS)
Shaft	stainless steel AISI 431B (FX-FXIS) stainless steel AISI 316 (FXSS)
Coupling	stainless steel AISI 316L (FX-FXIS) stainless steel AISI 316 (FXSS)
Quantity of sand in the water	500 g/m ³ (FX) 1000 g/m ³ (FXIS) 2000 g/m ³ (FXSS)
Max liquid temperature	max 60 °C (FX) max 75 °C (FXIS-FXSS)
Non-return valve	standard on all models



FX6 35

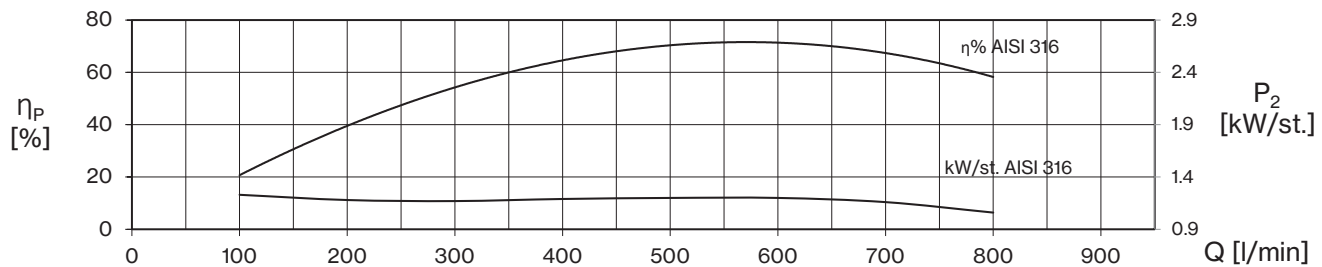
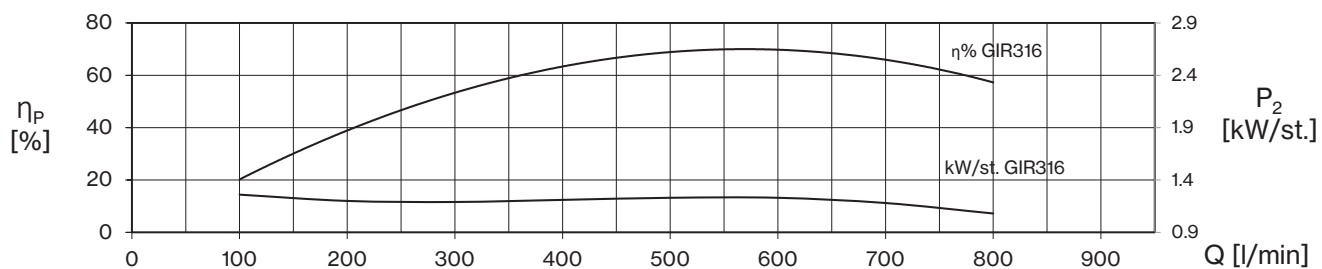
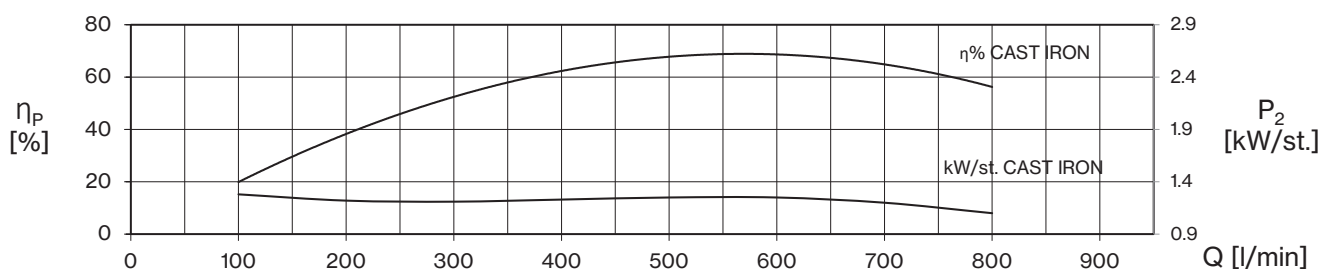
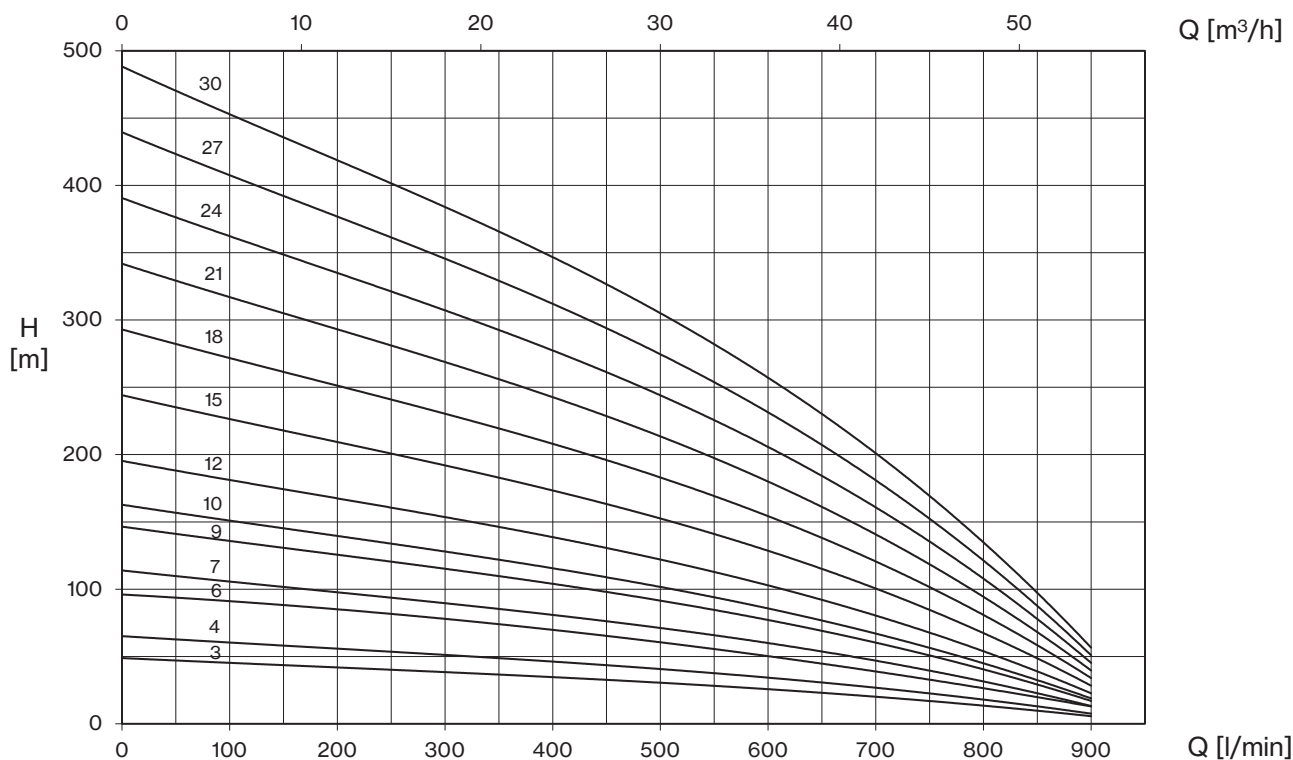
50 Hz - 2850 rpm						Q										
TYPE	WITH FME6 MOTOR			AXIAL LOAD	I/min	0	100	200	300	400	500	600	700	800	900	
	P2		Ø		I/sec	0	1,67	3,33	5,0	6,67	8,33	10,0	11,67	13,33	15,0	
	HP	kW		A	N	m³/h	0	6	12	18	24	30	36	42	48	54
FX6 35/03-055	5,5	4	6"	11	2624	H (m)	49	46	42	38	35	30	26	20	14	5
FX6 35/04-075	7,5	5,5		14	3499		65	61	56	51	46	40	34	27	18	7
FX6 35/06-100	10	7,5		17	5249		97	91	84	77	69	61	51	41	28	11
FX6 35/07-125	12,5	9,3		21	6124		113	106	98	90	81	71	60	48	32	13
FX6 35/09-150	15	11		23	7873		146	137	126	115	104	91	77	61	41	16
FX6 35/10-175	17,5	13		28	8748		162	152	140	128	115	101	85	68	46	18
FX6 35/12-200	20	15		33	10498		194	182	168	154	138	121	102	82	55	22
FX6 35/15-250	25	18,5		41	13122		243	228	210	192	173	152	128	102	69	27
FX6 35/18-300	30	22		47	15746		292	274	252	230	207	182	153	122	83	32
FX6 35/21-350	35	26		58	18371		340	319	294	269	242	212	179	143	97	38
FX6 35/24-400	40	30		64	20995		389	365	336	307	276	242	204	163	110	43
FX6 35/27-500	50	37		82	23620		437	410	378	346	311	273	230	184	124	49
FX6 35/30-500	50	37		82	26244		486	456	420	384	345	303	255	204	138	54

MEI ≥ 0,4 (EU Regulation No. 547/2012)

	CAST IRON	GIR 316	AISI 316
Eff. max %	68	69	71
Max kW / St.	1,25	1,23	1,2

NPSH (m)	Q=25%	Q=50%	Q=75%	Q=100%
		3,3	3,4	3,8





FX6 45

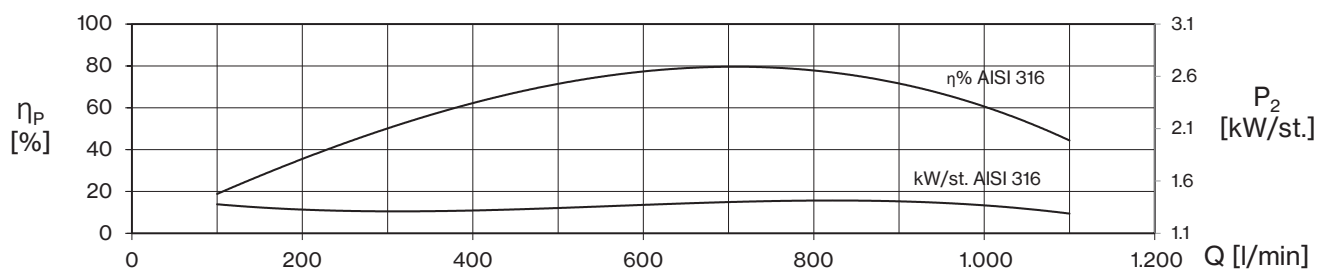
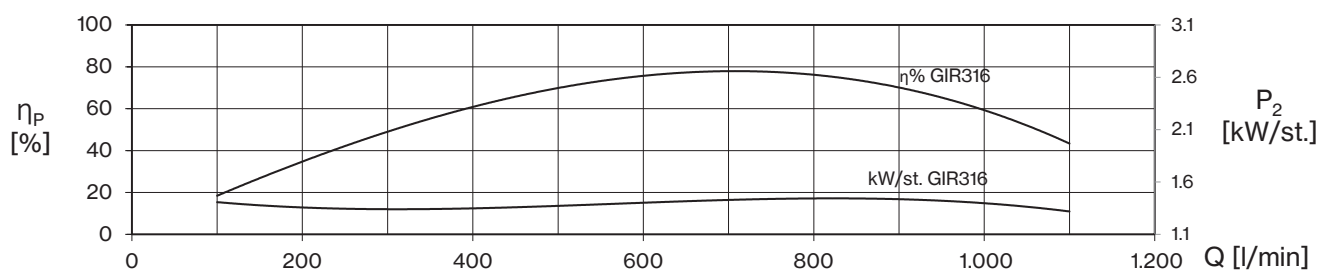
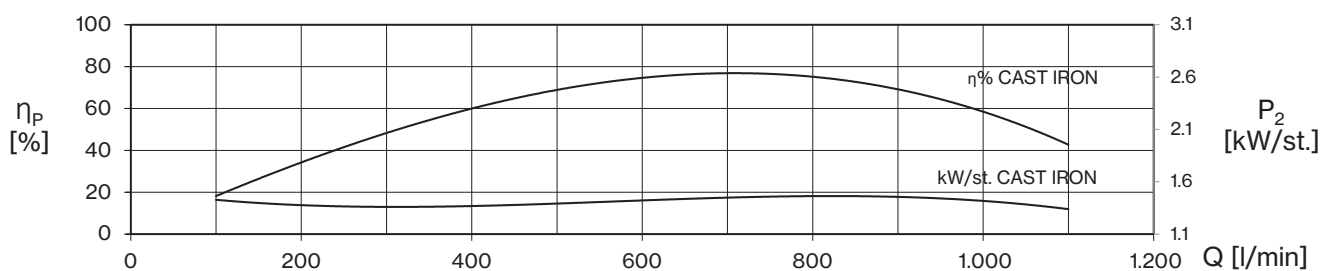
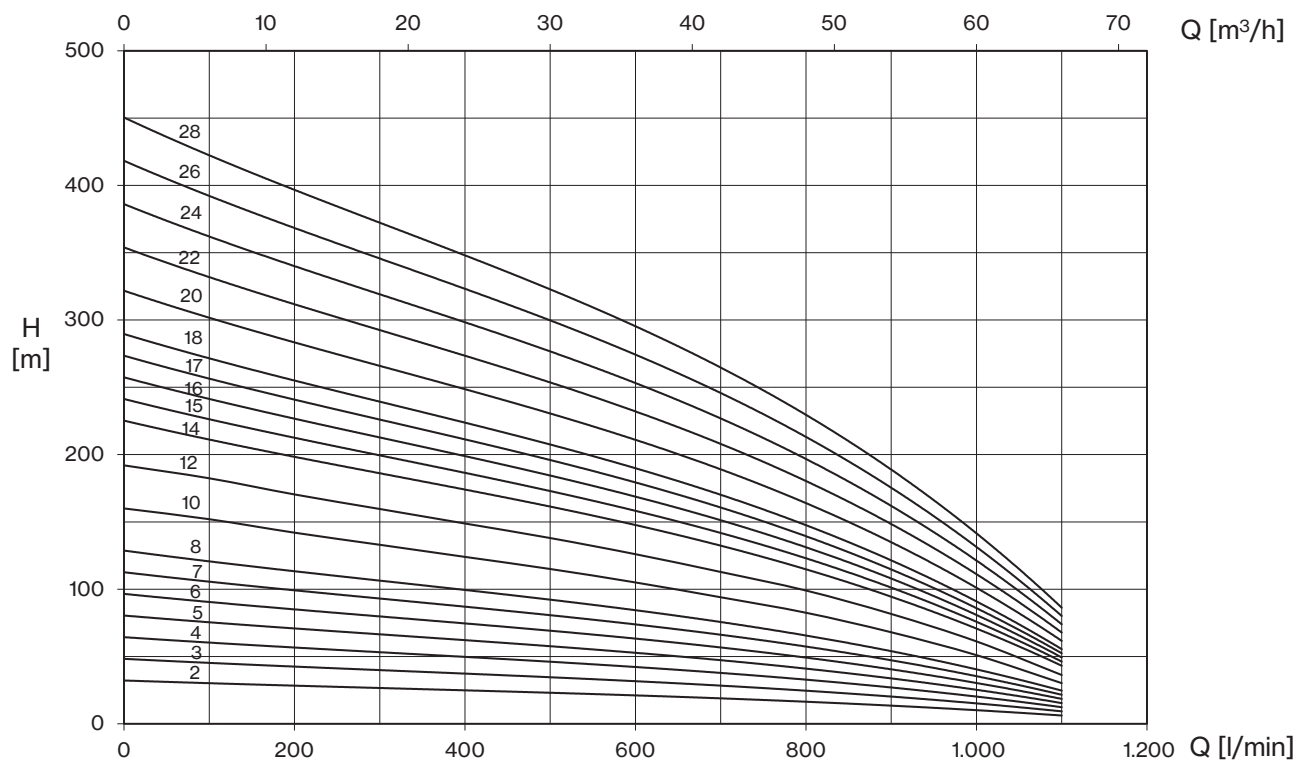
50 Hz - 2850 rpm						Q												
TYPE	WITH FME6 MOTOR		Ø	3- 400V	AXIAL LOAD	l/min	0	100	200	300	400	500	600	700	800	900	1000	1100
	P2						A	N	l/sec	0	1,67	3,33	5,0	6,67	8,33	10,0	11,67	13,33
	HP	kW	H (m)	0	6	12				18	24	30	36	42	48	54	60	66
FX6 45/02-055	5,5	4		6"	11	1728	H (m)	32	30	28	27	25	23	21	19	17	14	10
FX6 45/03-075	7,5	5,5	14		2592	48		46	43	40	37	35	32	28	25	20	15	9
FX6 45/04-100	10	7,5	17		3456	64		61	57	53	50	46	42	38	33	27	20	12
FX6 45/05-100	10	7,5	17		4320	80		76	71	67	62	58	53	47	41	34	26	15
FX6 45/06-125	12,5	9,3	21		5184	96		91	85	80	74	69	63	56	50	41	31	18
FX6 45/07-150	15	11	23		6048	112		106	99	93	87	81	74	66	58	48	36	21
FX6 45/08-175	17,5	13	28		6912	128		122	114	106	99	92	84	75	66	54	41	24
FX6 45/10-200	20	15	33		8640	160		152	142	133	124	115	105	94	83	68	51	30
FX6 45/12-250	25	18,5	41		10368	192		182	170	160	149	138	126	113	99	82	61	36
FX6 45/14-300	30	22	47		12096	224		213	199	186	174	161	147	132	116	95	71	42
FX6 45/15-300	30	22	47		12960	240		228	213	200	186	173	158	141	124	102	77	45
FX6 45/16-350	35	26	58		13842	256		243	227	213	198	184	168	150	132	109	82	48
FX6 45/17-350	35	26	58		14688	272		258	241	226	211	196	179	160	140	116	87	51
FX6 45/18-400	40	30	64		15552	288		274	256	239	223	207	189	169	149	122	92	54
FX6 45/20-400	40	30	64		17280	320		304	284	266	248	230	210	188	165	136	102	60
FX6 45/22-500	50	37	82		19008	352		334	312	293	273	253	231	207	182	150	112	66
FX6 45/24-500	50	37	82		20736	384		365	341	319	298	276	252	226	198	163	122	72
FX6 45/26-600	60	45	98		22464	416		395	369	346	322	299	273	244	215	177	133	79
FX6 45/28-600	60	45	98	24192	448	426	398	372	347	322	294	263	231	190	143	85		

MEI ≥ 0,4 (EU Regulation No. 547/2012)

	CAST IRON	GIR 316	AISI 316
Eff. max %	75	76	78
Max kW / St.	1,47	1,45	1,42

NPSH (m)	Q=25%	Q=50%	Q=75%	Q=100%
		3,3	3,4	3,8





FX6 55

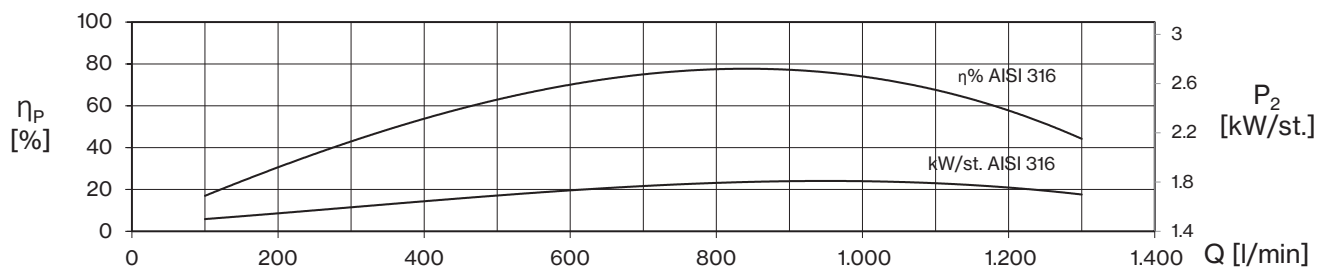
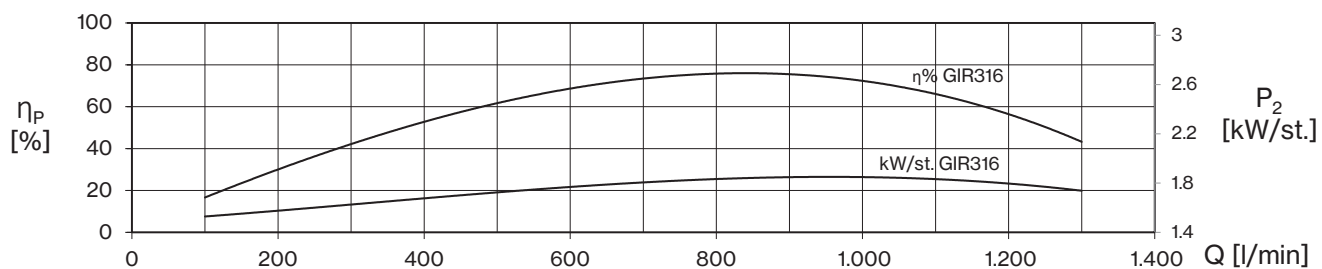
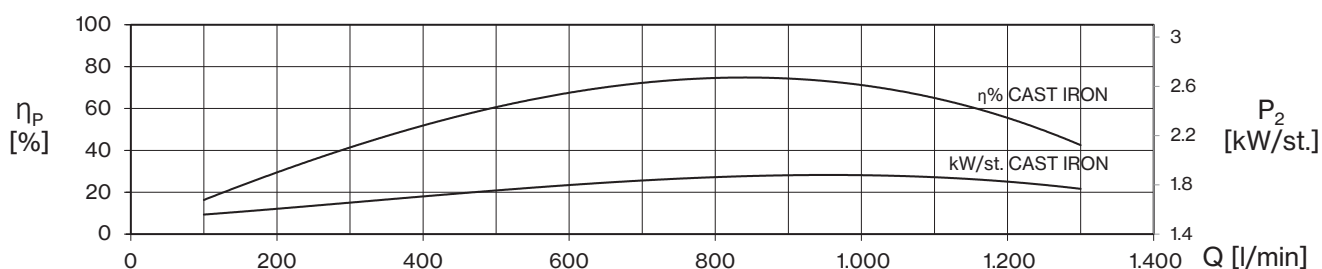
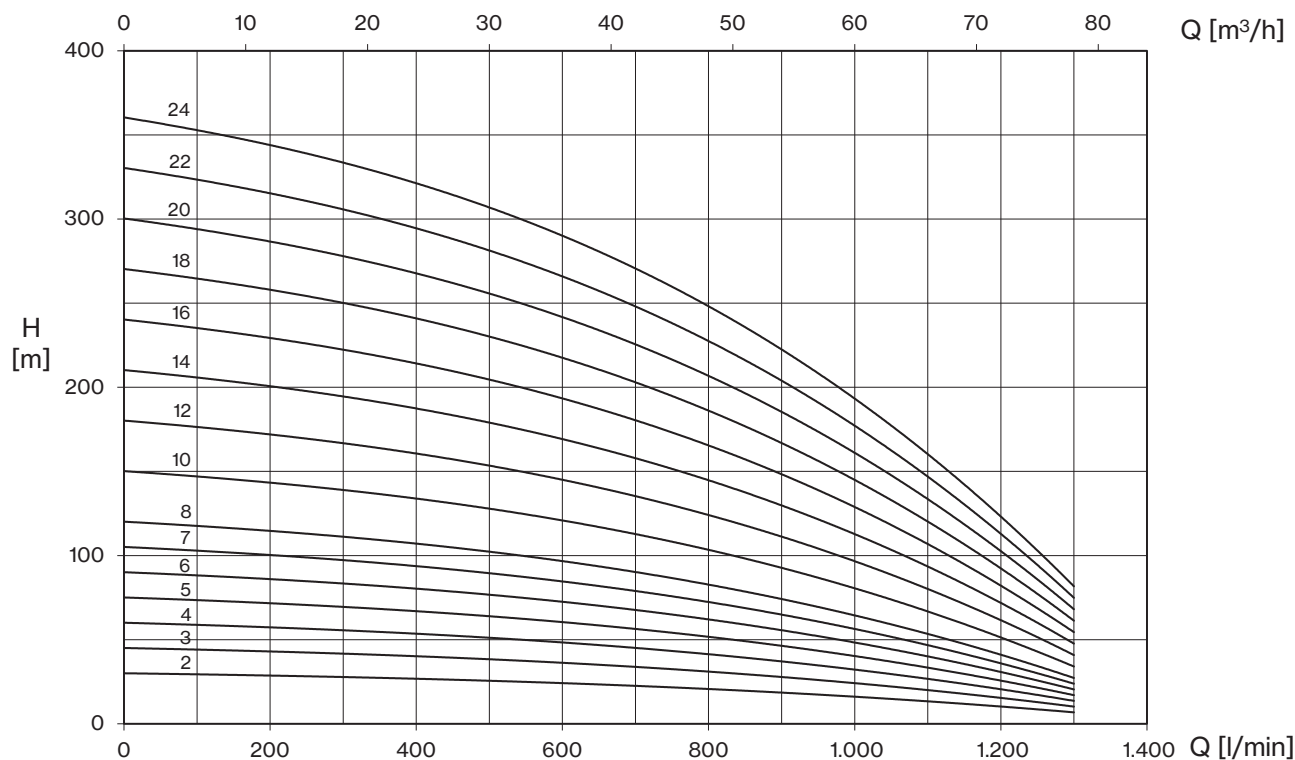
50 Hz - 2850 rpm							Q													
TYPE	WITH FME6 MOTOR		Ø	3- 400V	AXIAL LOAD	l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300
	P2					l/sec	0	1,67	3,33	5,0	6,67	8,33	10,0	11,67	13,33	15,0	16,67	18,33	20,0	21,67
	HP	kW	A	N	m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	
FX6 55/02-055	5,5	4	6"	11	1620	H (m)	30	29	29	28	27	26	24	22	21	19	16	13	10	7
FX6 55/03-075	7,5	5,5		14	2430		45	44	43	42	40	38	36	34	31	28	24	20	15	10
FX6 55/04-100	10	7,5		17	3240		60	59	57	56	54	51	48	45	41	37	32	27	20	14
FX6 55/05-125	12,5	9,3		21	4050		75	74	72	70	67	64	60	56	52	47	41	34	26	17
FX6 55/06-150	15	11		23	4860		90	88	86	84	80	77	72	67	62	56	49	40	31	20
FX6 55/07-175	17,5	13		28	5670		105	103	100	97	94	90	84	79	72	65	57	47	36	24
FX6 55/08-200	20	15		33	6480		120	118	115	111	107	102	96	90	83	74	65	54	41	27
FX6 55/10-250	25	18,5		41	8100		150	147	144	139	134	128	121	112	103	93	81	67	51	34
FX6 55/12-300	30	22		47	9720		180	176	172	167	161	154	145	135	124	112	97	80	61	41
FX6 55/14-350	35	26		58	11340		210	206	201	195	188	179	169	157	144	130	113	94	71	48
FX6 55/16-400	40	30		64	12960		240	235	230	223	214	205	193	180	165	149	130	107	82	54
FX6 55/18-500	50	37		82	14580		270	265	258	251	241	230	217	202	186	167	146	121	92	61
FX6 55/20-500	50	37		82	16200		300	294	287	278	268	256	241	224	206	186	162	134	102	68
FX6 55/22-600	60	45		98	17820		330	323	316	306	295	282	265	247	227	205	178	147	112	75
FX6 55/24-600	60	45		98	19440		360	353	344	334	322	307	289	269	248	223	194	161	122	82

MEI ≥ 0,4 (EU Regulation No. 547/2012)

	CAST IRON	GIR 316	AISI 316
Eff. max %	74	75	77
Max kW / St.	1,89	1,86	1,82

NPSH (m)	Q=25%	Q=50%	Q=75%	Q=100%
		3,3	3,4	3,8





FX6 65

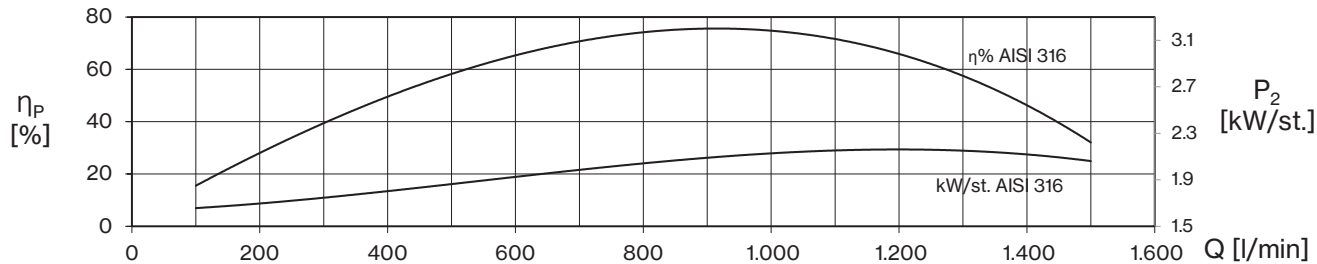
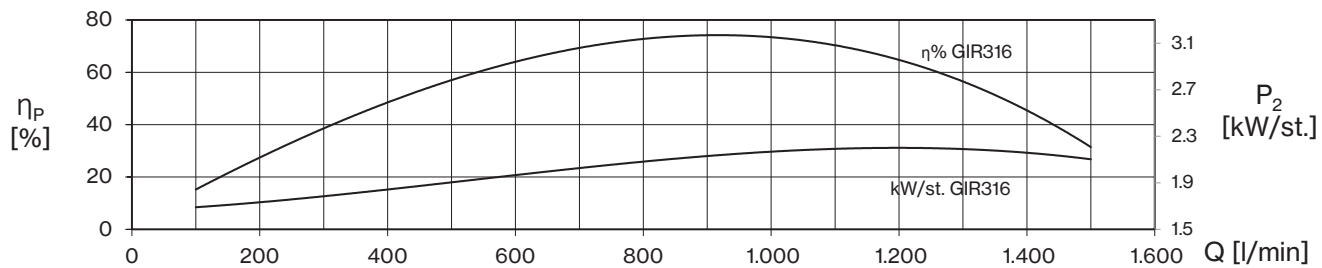
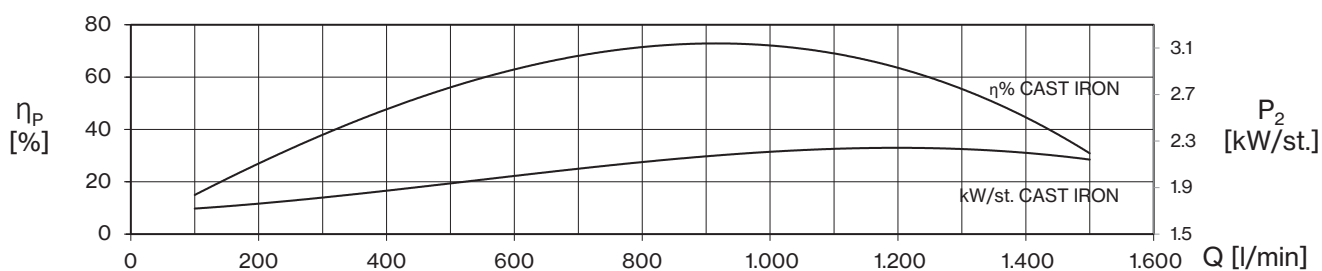
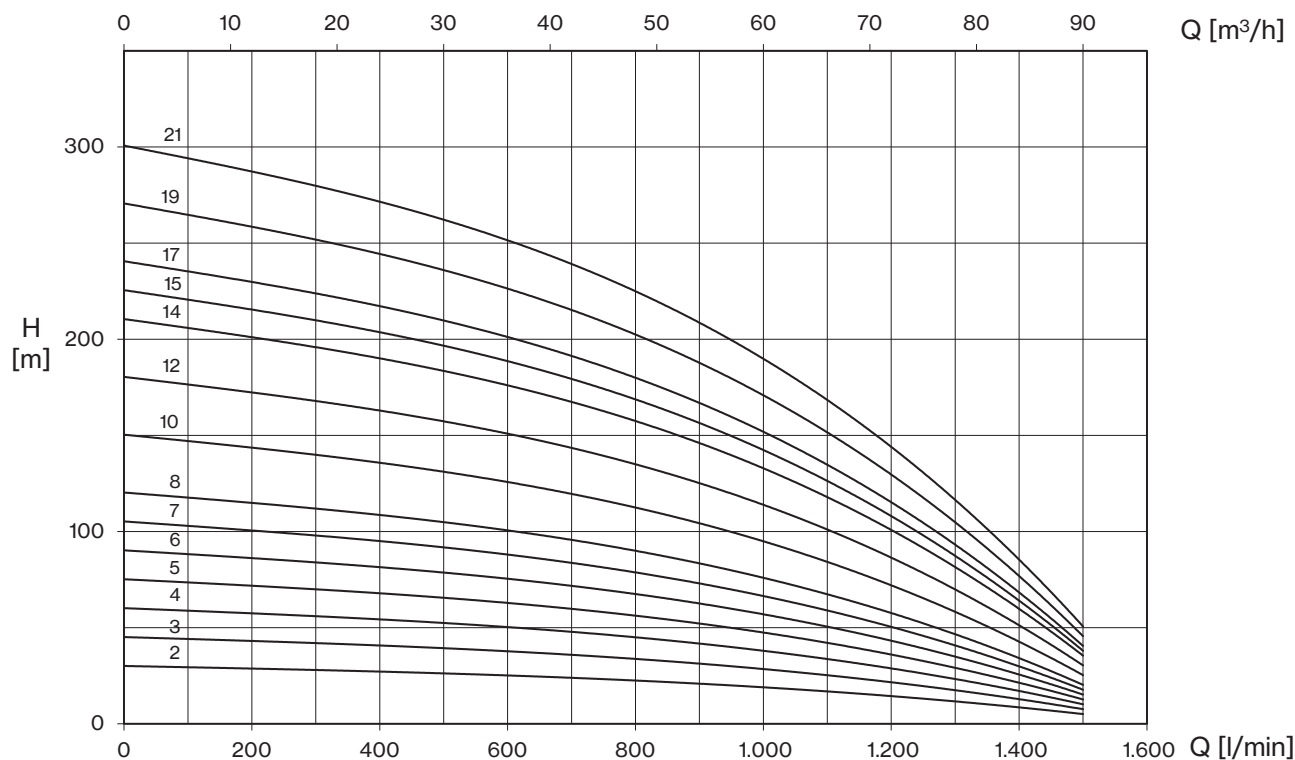
50 Hz - 2850 rpm						Q																	
TYPE	WITH FME6 MOTOR		3- 400V	AXIAL LOAD	l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500		
	P2				l/sec	0	1,67	3,33	5,0	6,67	8,33	10,0	11,67	13,33	15,0	16,67	18,33	20,0	21,67	23,33	25,0		
	HP	kW	Ø	A	N	m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	
FX6 65/02-055	5,5	4	6"	11	1620	H (m)	30	29	29	28	27	26	25	24	22	21	19	17	14	12	8	5	
FX6 65/03-100	10	7,5		17	2430		45	44	43	42	41	39	38	36	34	31	29	25	22	17	13	8	8
FX6 65/04-125	12,5	9,3		21	3240		60	59	58	56	54	52	50	48	45	42	38	34	29	23	17	10	10
FX6 65/05-150	15	11		23	4050		75	74	72	70	68	66	63	60	56	52	48	42	36	29	21	13	13
FX6 65/06-175	17,5	13		28	4860		90	88	86	84	82	79	75	71	67	63	57	51	43	35	25	15	15
FX6 65/07-200	20	15		33	5670		105	103	101	98	95	92	88	83	78	73	67	59	50	40	30	18	18
FX6 65/08-250	25	18,5		41	6480		120	118	115	112	109	105	100	95	90	84	77	68	58	46	34	20	20
FX6 65/10-300	30	22		47	8100		150	147	144	141	136	131	125	119	112	105	96	85	72	58	42	26	26
FX6 65/12-350	35	26		58	9720		180	176	173	169	163	157	150	143	134	125	115	102	87	69	51	31	31
FX6 65/14-400	40	30		64	11340		210	206	202	197	190	183	175	167	157	146	134	118	101	81	59	36	36
FX6 65/15-500	50	37		82	12150		225	221	216	211	204	197	188	179	168	157	144	127	108	87	64	38	38
FX6 65/17-500	50	37		82	13770		240	235	230	225	218	210	200	190	179	167	153	135	115	92	68	41	41
FX6 65/19-600	60	45		98	15390		270	265	259	253	245	236	225	214	202	188	172	152	130	104	76	46	46
FX6 65/21-600	60	45		98	17010		300	294	288	281	272	262	250	238	224	209	192	169	144	116	85	51	51

MEI ≥ 0,4 (EU Regulation No. 547/2012)

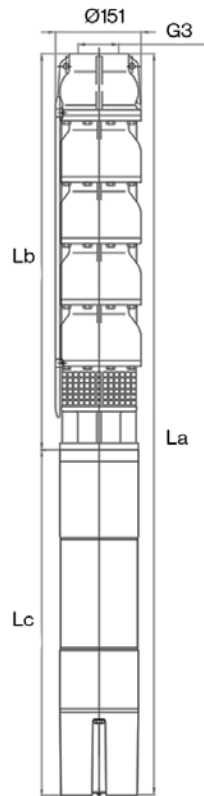
	CAST IRON	GIR 316	AISI 316
Eff. max %	72	73	74
Max kW / St.	2,24	2,2	2,16

NPSH (m)	Q=25%	Q=50%	Q=75%	Q=100%
		3,3	3,4	4





FX6



FX6 35

TYPE	MOTOR BRACKET	ST	DIMENSIONS (mm)			WEIGHT (kg)		
			La	Lb	Lc	La	Lb	Lc
3-								
FX6 35/03-055	6" NEMA	3	1290	590	700	75	29	46
FX6 35/04-075		4	1398	698	700	81	35	46
FX6 35/06-100		6	1674	914	760	98	47	51
FX6 35/07-125		7	1822	1022	800	108	53	55
FX6 35/09-150		9	2098	1238	860	127	65	62
FX6 35/10-175		10	2266	1346	920	137	71	66
FX6 35/12-200		12	2542	1562	980	158	83	75
FX6 35/15-250		15	2896	1886	1010	181	101	80
FX6 35/18-300		18	3320	2210	1110	209	119	90
FX6 35/21-350		21	3784	2534	1250	244	138	106
FX6 35/24-400		24	4108	2858	1250	262	156	106
FX6 35/27-500		27	4552	3182	1370	290	173	117
FX6 35/30-500		30	4876	3506	1370	308	191	117



FX6 45

TYPE	MOTOR BRACKET	ST	DIMENSIONS (mm)			WEIGHT (kg)		
			La	Lb	Lc	La	Lb	Lc
3-								
FX6 45/02-055	6" NEMA	2	1182	482	700	69	23	46
FX6 45/03-075		3	1290	590	700	75	29	46
FX6 45/04-100		4	1458	698	760	86	35	51
FX6 45/05-100		5	1566	806	760	92	41	51
FX6 45/06-125		6	1714	914	800	102	47	55
FX6 45/07-150		7	1882	1022	860	115	53	62
FX6 45/08-175		8	2050	1130	920	125	59	66
FX6 45/10-200		10	2326	1346	980	146	71	75
FX6 45/12-250		12	2572	1562	1010	163	83	80
FX6 45/14-300		14	2888	1778	1110	185	95	90
FX6 45/15-300		15	2996	1886	1110	191	101	90
FX6 45/16-350		16	3244	1994	1250	213	107	106
FX6 45/17-350		17	3352	2102	1250	220	114	106
FX6 45/18-400		18	3460	2210	1250	225	119	106
FX6 45/20-400		20	3676	2426	1250	237	131	106
FX6 45/22-500		22	4012	2642	1370	260	143	117
FX6 45/24-500		24	4228	2858	1370	273	156	117
FX6 45/26-600		26	4474	3074	1400	287	168	119
FX6 45/28-600	28	4690	3290	1400	298	179	119	

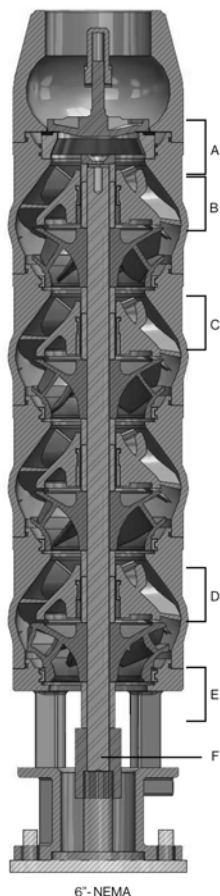
FX6 55

TYPE	MOTOR BRACKET	ST	DIMENSIONS (mm)			WEIGHT (kg)		
			La	Lb	Lc	La	Lb	Lc
3-								
FX6 55/02-055	6" NEMA	2	1182	482	700	69	23	46
FX6 55/03-075		3	1290	590	700	75	29	46
FX6 55/04-100		4	1458	698	760	86	35	51
FX6 55/05-125		5	1606	806	800	96	41	55
FX6 55/06-150		6	1774	914	860	109	47	62
FX6 55/07-175		7	1942	1022	920	119	53	66
FX6 55/08-200		8	2110	1130	980	134	59	75
FX6 55/10-250		10	2356	1346	1010	151	71	80
FX6 55/12-300		12	2672	1562	1110	173	83	90
FX6 55/14-350		14	3028	1778	1250	201	95	106
FX6 55/16-400		16	3244	1994	1250	213	107	106
FX6 55/18-500		18	3580	2210	1370	236	119	117
FX6 55/20-500		20	3796	2426	1370	248	131	117
FX6 55/22-600		22	4042	2642	1400	262	143	119
FX6 55/24-600		24	4258	2858	1400	275	156	119

FX6 65

TYPE	MOTOR BRACKET	ST	DIMENSIONS (mm)			WEIGHT (kg)		
			La	Lb	Lc	La	Lb	Lc
3-								
FX6 65/02-055	6" NEMA	2	1182	482	700	69	23	46
FX6 65/03-100		3	1350	590	760	80	29	51
FX6 65/04-125		4	1498	698	800	90	35	55
FX6 65/05-150		5	1666	806	860	103	41	62
FX6 65/06-175		6	1834	914	920	113	47	66
FX6 65/07-200		7	2002	1022	980	128	53	75
FX6 65/08-250		8	2140	1130	1010	139	59	80
FX6 65/10-300		10	2456	1346	1110	161	71	90
FX6 65/12-350		12	2812	1562	1250	189	83	106
FX6 65/14-400		14	3028	1778	1250	201	95	106
FX6 65/15-500		15	3256	1886	1370	218	101	117
FX6 65/17-500		17	3472	2102	1370	231	114	117
FX6 65/19-600		19	3718	2318	1400	245	126	119
FX6 65/21-600		21	3934	2534	1400	257	138	119





N. CODE	KIT	DESCRIPTION	MATERIAL		
			FX6	FX6 IS	FX6 SS
6310	KIT A <i>valve body</i>	THREADED VALVE BODY	CAST IRON GG25	CAST IRON GG25	AISI 316
6330		STOPPER WITH SPRING	AISI 316		
6340		STOPPER SUPPORT	CAST IRON GG25	CAST IRON GG25	AISI 316
2910		SHAFT HEAD SCREW AND WASHER	AISI 316		
1170	KIT B <i>upper diffuser</i>	DIFFUSER WITH BUSHING AND BRONZE SLEEVE	CAST IRON GG25	CAST IRON GG25	AISI 316
24710		DIFFUSER BUSHING	STAINLESS STEEL 316 + CERAMIC		
2460.3		SHAFT HEAD SPACER	STAINLESS STEEL AISI 316		
1170	KIT C <i>intermediate diffuser</i>	DIFFUSER WITH RUBBER BUSHING	CAST IRON GG25	CAST IRON GG25	AISI 316
2410		DIFFUSER BUSHING	AISI 316 + CERAMIC		
2460.2		DIFFUSER SPACER	STAINLESS STEEL AISI 316		
1500		IMPELLER WEAR RING	PU / RUBBER		
1170	KIT D <i>lower diffuser</i>	DIFFUSER WITH BUSHING AND BRONZE SLEEVE	CAST IRON GG25	CAST IRON GG25	AISI 316
2410		DIFFUSER BUSHING	STAINLESS STEEL 316 + CERAMIC		
2460.2		DIFFUSER SPACER	STAINLESS STEEL 316		
1500		IMPELLER WEAR RING	PU / RUBBER		
1130	KIT E <i>suction</i>	SUCTION BODY	CAST IRON GG25	CAST IRON GG25	AISI 316
2460.1		SUCTION SPACER	STAINLESS STEEL 316		
6531		STRAINER/GRID	STAINLESS STEEL 316		
1500		IMPELLER WEAR RING	PU / RUBBER		
2110	KIT F <i>shaft with coupling</i>	SHAFT	SS 431B	SS 431B	AISI 316
7000		COUPLING	STAINLESS STEEL 316		
8361		CABLE COVER AND ACCESSORIES	STAINLESS STEEL 316		
2261		IMPELLER	CAST IRON GG25	AISI 316	AISI 316



FX8 70

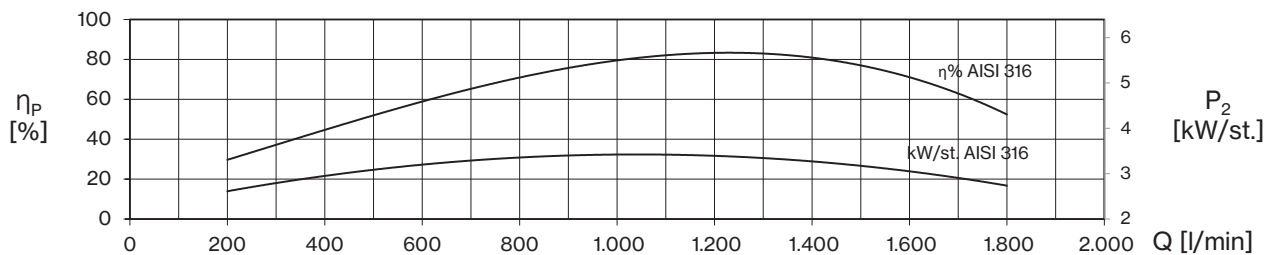
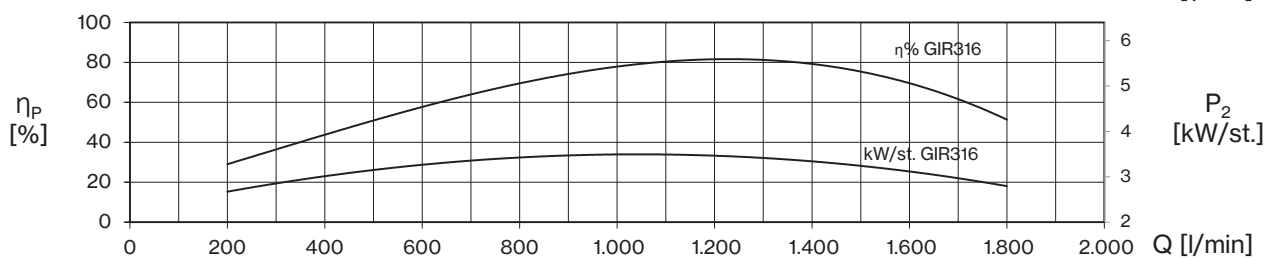
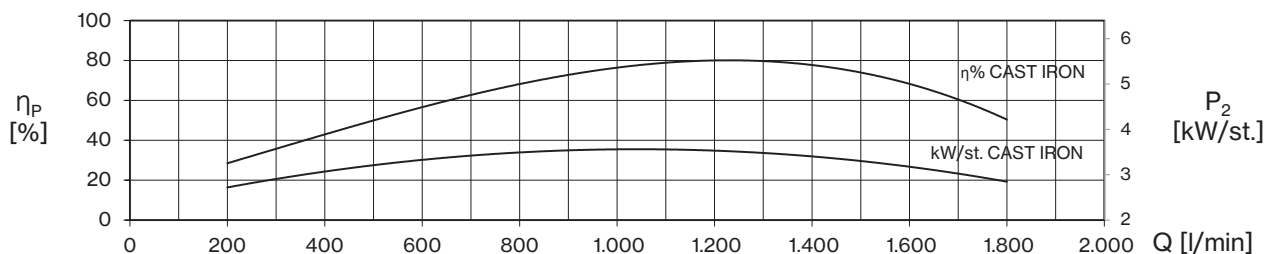
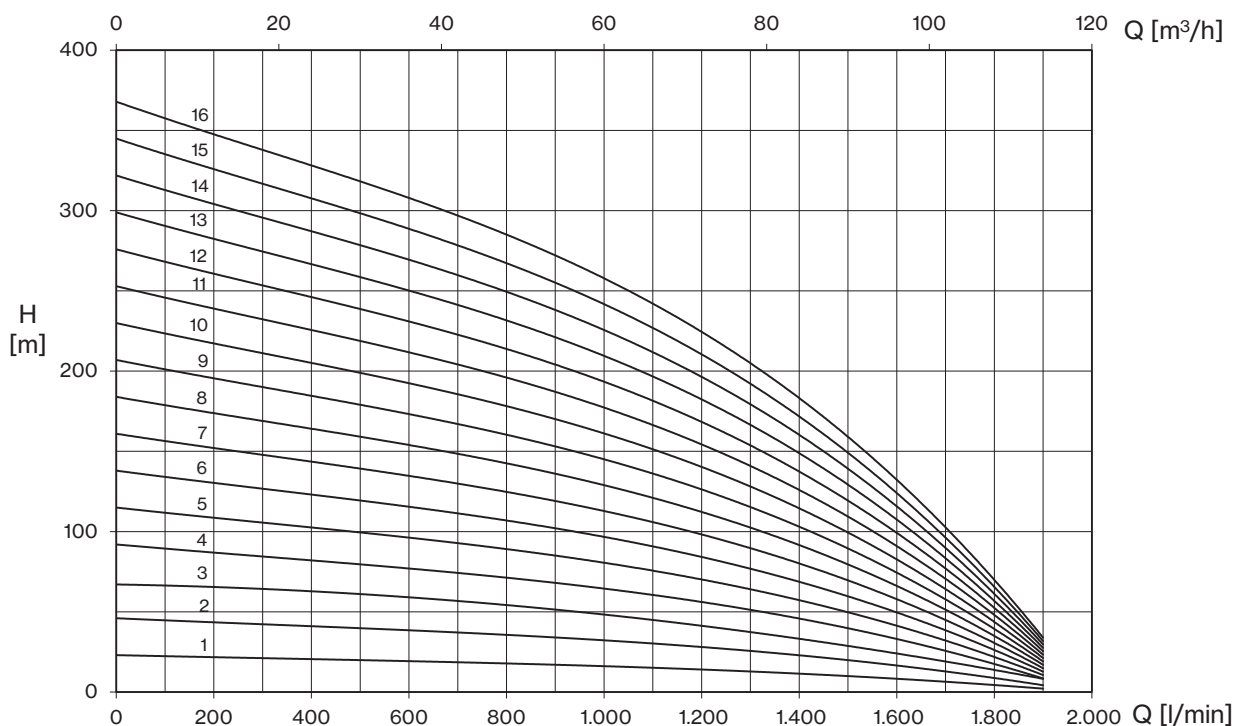
50 Hz - 2900 rpm						Q													
TYPE	WITH FME6-8 MOTOR		Ø	3- 400V	AXIAL LOAD	l/min	0	400	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
	P2						l/sec	0	6,67	10,0	11,67	13,33	15,0	16,67	18,33	20,0	21,67	23,33	25,0
	HP	kW	A	N	m³/h	0		24	36	42	48	54	60	66	72	78	84	90	96
FX8 70/01-005	5,5	4	6"	11	2292	H (m)	23	21	19	19	18	17	16	15	14	13	12	10	8
FX8 70/02-010	10	7,5		17	4583		46	41	39	37	36	34	32	30	28	26	23	20	16
FX8 70/03-015	15	11		23	6875		69	62	58	56	53	51	48	45	42	38	35	30	25
FX8 70/04-020	20	15		33	9167		92	82	77	74	71	68	64	60	56	51	46	40	33
FX8 70/05-025	25	18,5		41	11458		115	103	97	93	89	85	81	76	70	64	58	50	41
FX8 70/06-030	30	22		47	13750		138	123	116	112	107	102	97	91	84	77	69	59	49
FX8 70/07-035	35	26	58	16041	161		144	135	130	125	119	113	106	98	90	81	69	57	
FX8 70/08-040	40	30	61	18333	184		164	154	149	142	136	129	121	112	102	92	79	66	
FX8 70/09-050	50	37	76	20625	207		185	174	167	160	153	145	136	126	115	104	89	74	
FX8 70/10-050	50	37	76	22916	230		205	193	186	178	170	161	151	140	128	115	99	82	
FX8 70/11-060	60	45	90	25208	253		226	212	205	196	187	177	166	154	141	127	109	90	
FX8 70/12-060	60	45	8"	90	27500		276	246	232	223	214	204	193	181	168	154	138	119	98
FX8 70/13-070	70	52	102	29791	299		267	251	242	231	221	209	196	182	166	150	129	107	
FX8 70/14-070	70	52	102	32083	322		287	270	260	249	238	225	211	196	179	161	139	115	
FX8 70/15-075	75	55	102	34374	345		308	290	279	267	255	242	227	210	192	173	149	123	
FX8 70/16-080	80	60	118	36666	368		328	309	298	285	272	258	242	224	205	184	158	131	

MEI ≥ 0,7 (EU Regulation No. 547/2012)

	CAST IRON	GIR 316	AISI 316
Eff. max %	79	80	82
Max kW / St.	3,64	3,57	3,5

NPSH (m)	Q=25%	Q=50%	Q=75%	Q=100%
		3	3	3,5





FX8 90

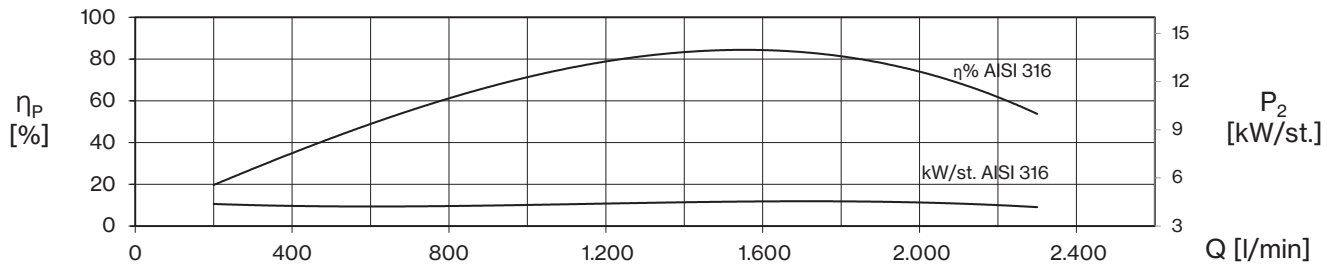
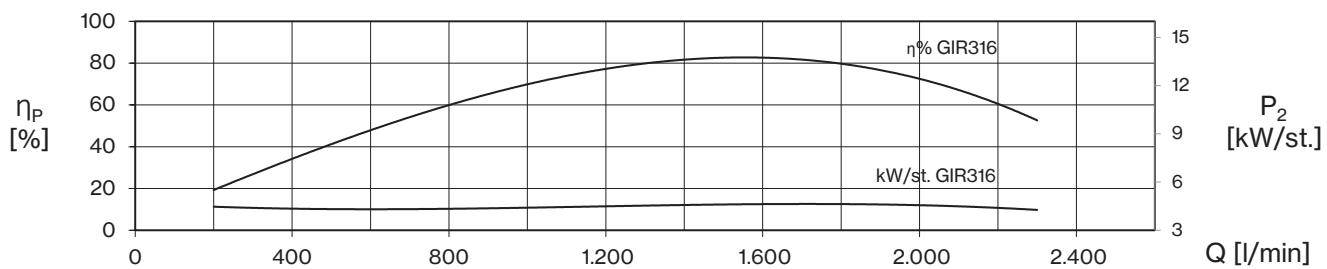
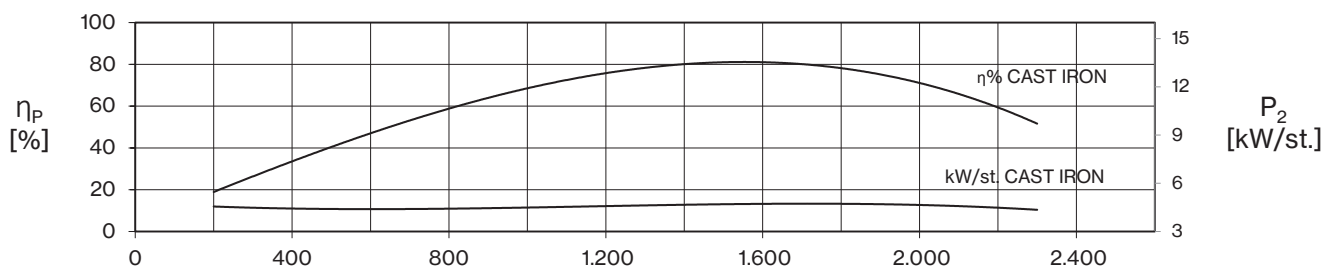
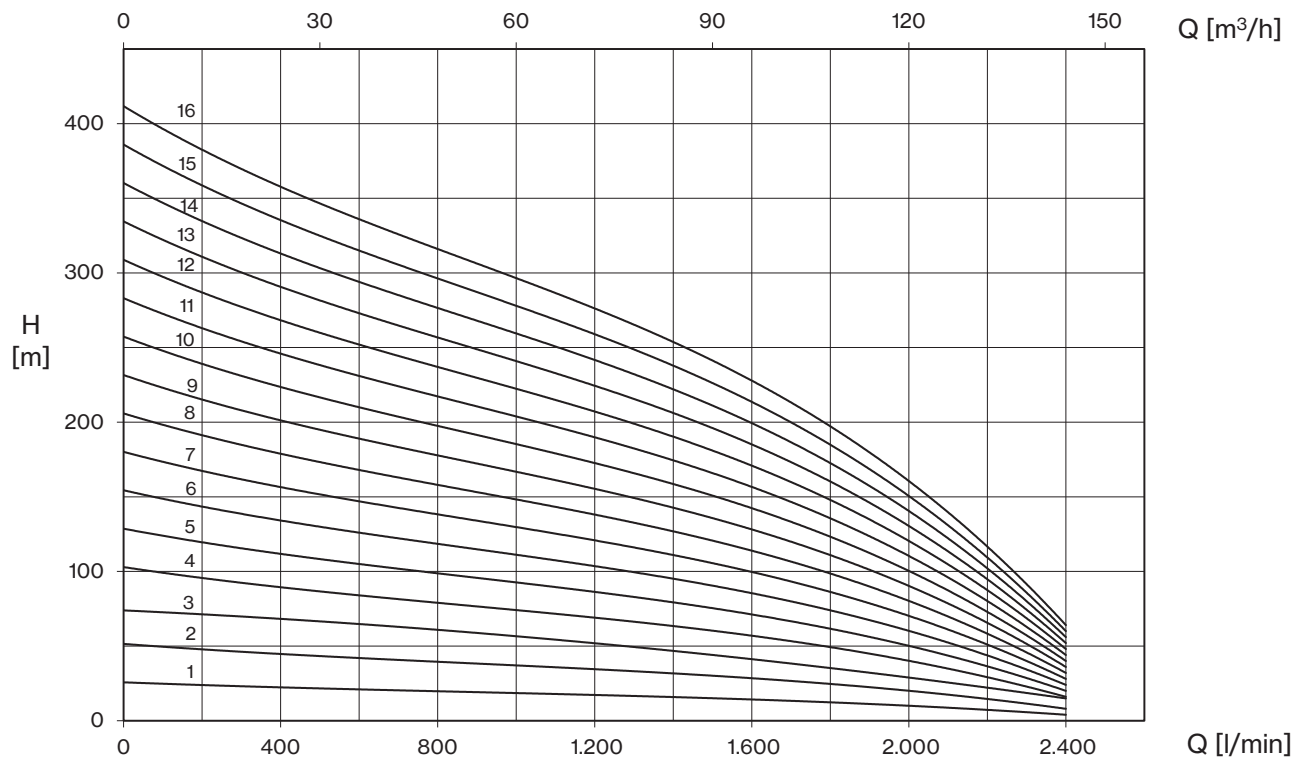
50 Hz - 2900 rpm						Q															
TYPE	WITH FME6-8 MOTOR		Ø	3- 400V	AXIAL LOAD	l/min	0	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200
	P2						A	N	l/sec	0	10,0	11,67	13,33	15,0	16,67	18,33	20,0	21,67	23,33	25,0	26,67
	HP	kW	H (m)	0	36	42				48	54	60	66	72	78	84	90	96	108	120	132
FX8 90/01-007	7,5	5,5		6"	14	2347	H (m)	26	21	20	20	19	19	18	17	17	16	15	14	12	10
FX8 90/02-012	12,5	9,3	21		4694	51		42	41	39	38	37	36	34	33	32	30	29	25	20	14
FX8 90/03-020	20	15	33		7041	77		63	61	59	57	56	54	52	50	47	45	43	37	30	22
FX8 90/04-025	25	18,5	41		9389	102		84	81	79	76	74	72	69	66	63	60	57	50	40	29
FX8 90/05-035	35	26	58		11736	128		105	102	99	96	93	90	86	83	79	76	72	62	51	36
FX8 90/06-040	40	30	8"	61	14083	153		126	122	118	115	111	107	103	99	95	91	86	74	61	43
FX8 90/07-050	50	37		76	16430	179		147	142	138	134	130	125	120	116	111	106	100	87	71	50
FX8 90/08-060	60	45		90	18777	204		168	162	158	153	148	143	138	132	126	121	114	99	81	58
FX8 90/09-060	60	45		90	21124	230		189	183	177	172	167	161	155	149	142	136	129	112	91	65
FX8 90/10-070	70	52		102	23471	255		210	203	197	191	185	179	172	165	158	151	143	124	101	72
FX8 90/11-075	75	55		102	25818	281		231	223	217	210	204	197	189	182	174	166	157	136	111	79
FX8 90/12-080	80	60		118	28166	306		252	244	236	229	222	215	206	198	190	181	172	149	121	86
FX8 90/13-090	90	67		129	30513	332		273	264	256	248	241	233	224	215	205	196	186	161	131	94
FX8 90/14-100	100	75		145	32860	357		294	284	276	267	259	251	241	231	221	211	200	174	141	101
FX8 90/15-100	100	75		145	35207	383		315	305	296	287	278	269	258	248	237	227	215	186	152	108
FX8 90/16-110	110	82		160	37554	408		336	325	315	306	296	286	275	264	253	242	229	198	162	115

MEI ≥ 0,7 (EU Regulation No. 547/2012)

	CAST IRON	GIR 316	AISI 316
Eff. max %	80	82	84
Max kW / St.	4,75	4,66	4,56

NPSH (m)	Q=25%	Q=50%	Q=75%	Q=100%
		3	3	3,5





FX8 110

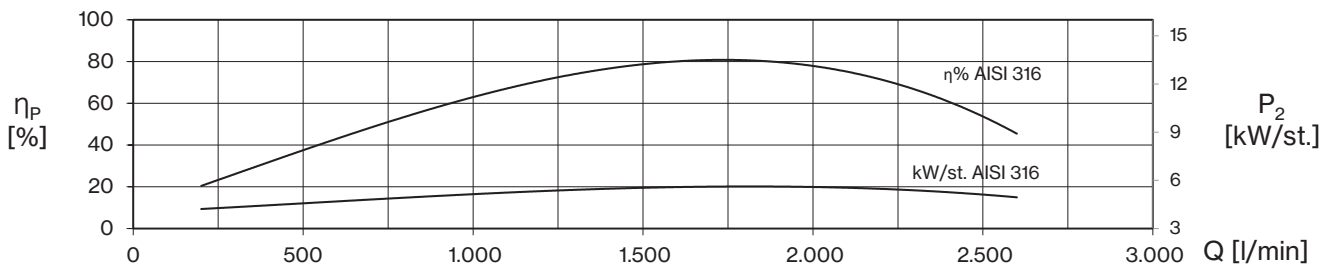
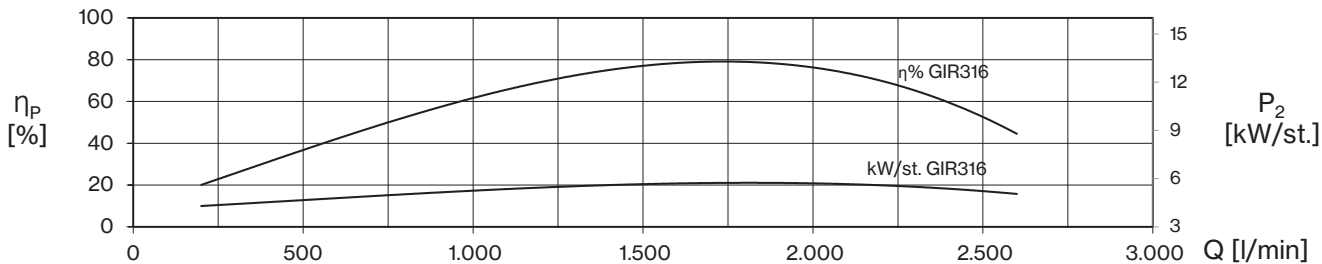
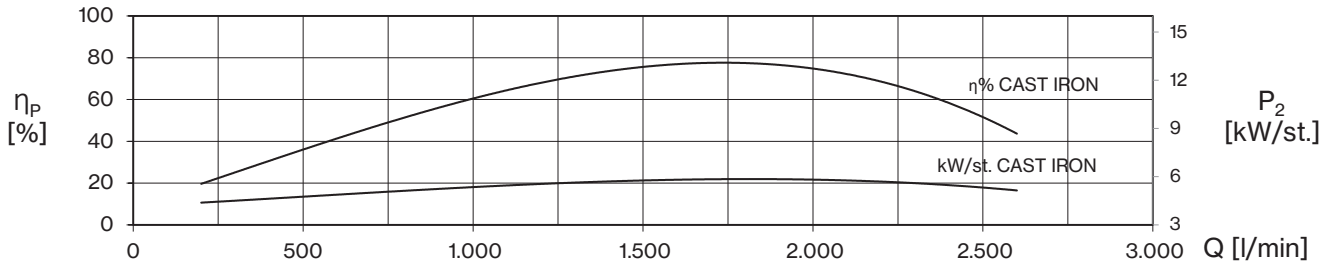
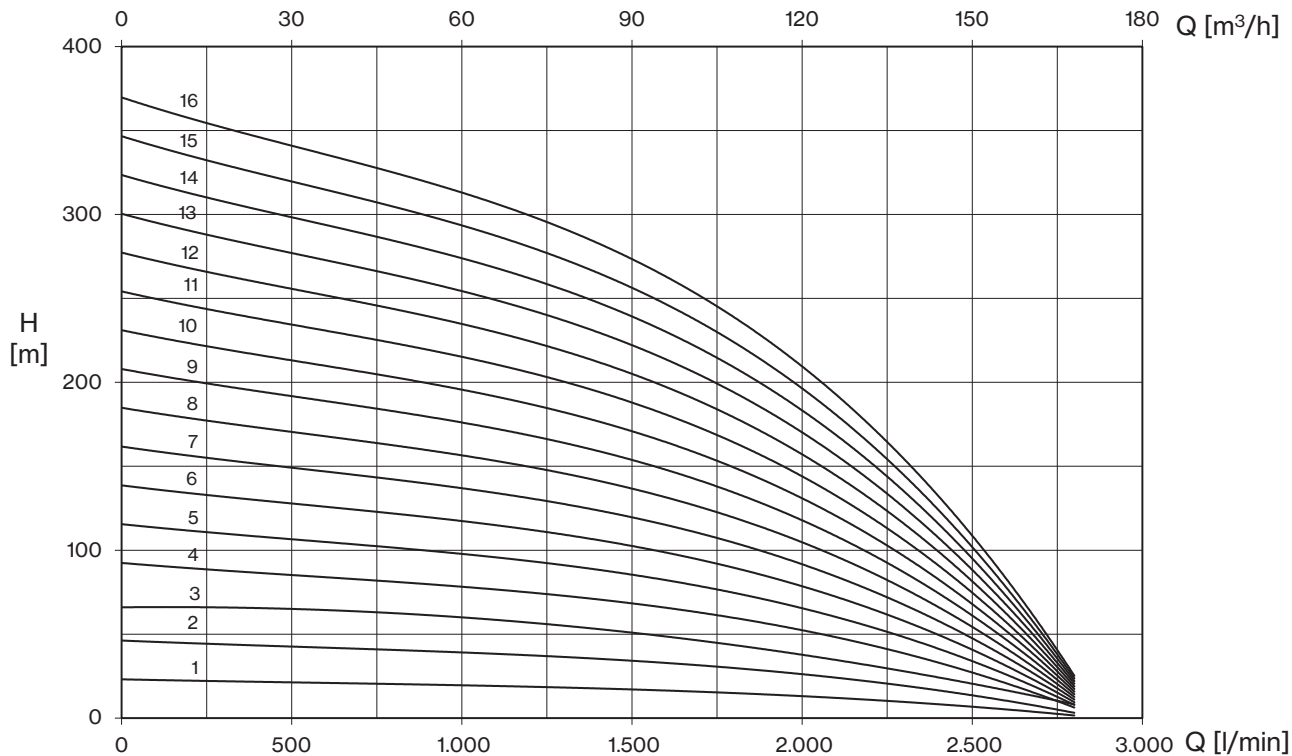
50 Hz - 2900 rpm						Q															
TYPE	WITH FME6-8 MOTOR		3- 400V	AXIAL LOAD	l/min	0	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	
	P2					Ø	A	N	l/sec	13,33	15,0	16,67	18,33	20,0	21,67	23,33	25	26,67	30,0	33,33	36,67
	HP	kW	m³/h	0	48				54	60	66	72	78	84	90	96	108	120	132	144	156
FX8 110/01-010	10	7,5	6"	17	2184	H (m)	23	20	20	19	19	19	18	18	17	17	15	13	11	8	5
FX8 110/02-017	17,5	13		28	4368		46	40	40	39	38	37	36	35	34	33	31	26	22	16	10
FX8 110/03-025	25	18,5		41	6552		69	61	59	58	57	56	55	53	51	50	46	40	32	24	15
FX8 110/04-035	35	26	58	8736	92		81	79	78	76	75	73	70	68	66	61	53	43	32	20	
FX8 110/05-040	40	30	8"	61	10920		115	101	99	97	96	94	91	88	85	83	77	66	54	40	25
FX8 110/06-050	50	37		76	13104		138	121	119	116	115	112	109	106	102	99	92	79	65	48	30
FX8 110/07-060	60	45		90	15288		161	141	139	136	134	131	127	123	119	116	107	92	76	56	35
FX8 110/08-070	70	52		102	17472		184	162	158	155	153	150	146	141	136	132	122	106	86	64	40
FX8 110/09-075	75	55		102	19656		207	182	178	175	172	168	164	158	153	149	138	119	97	72	45
FX8 110/10-080	80	60		118	21840		230	202	198	194	191	187	182	176	170	165	153	132	108	80	50
FX8 110/11-090	90	67		129	24024		253	222	218	213	210	206	200	194	187	182	168	145	119	88	55
FX8 110/12-100	100	75		145	26208		276	242	238	233	229	224	218	211	204	198	184	158	130	96	60
FX8 110/13-110	110	82		160	28392		299	263	257	252	248	243	237	229	221	215	199	172	140	104	65
FX8 110/14-125	125	93		181	30576		322	283	277	272	267	262	255	246	238	231	214	185	151	112	70
FX8 110/15-125	125	93	181	32760	345		303	297	291	287	281	273	264	255	248	230	198	162	120	75	
FX8 110/16-150	150	110	228	34944	368		323	317	310	306	299	291	282	272	264	245	211	173	128	80	

MEI ≥ 0,7 (EU Regulation No. 547/2012)

	CAST IRON	GIR 316	AISI 316
Eff. max %	79	80	82
Max kW / St.	5,89	5,77	5,66

NPSH (m)	Q=25%	Q=50%	Q=75%	Q=100%
		3,3	3,5	5





FX8 130

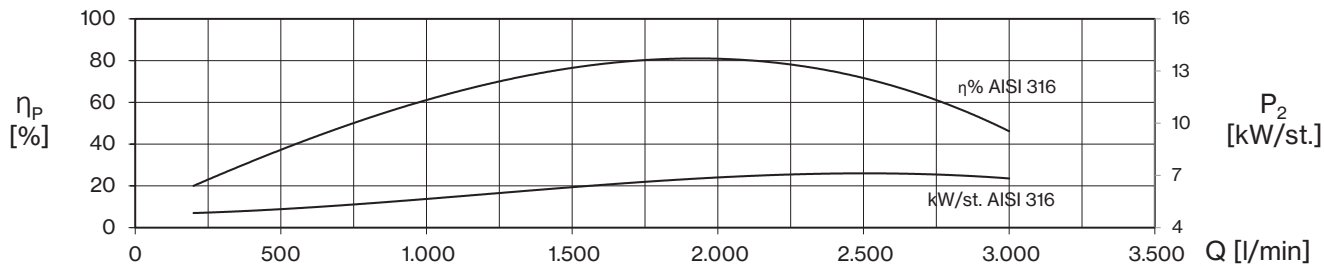
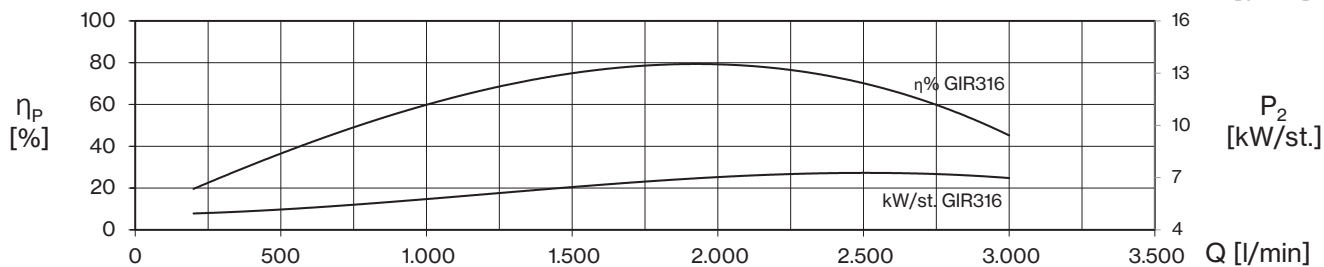
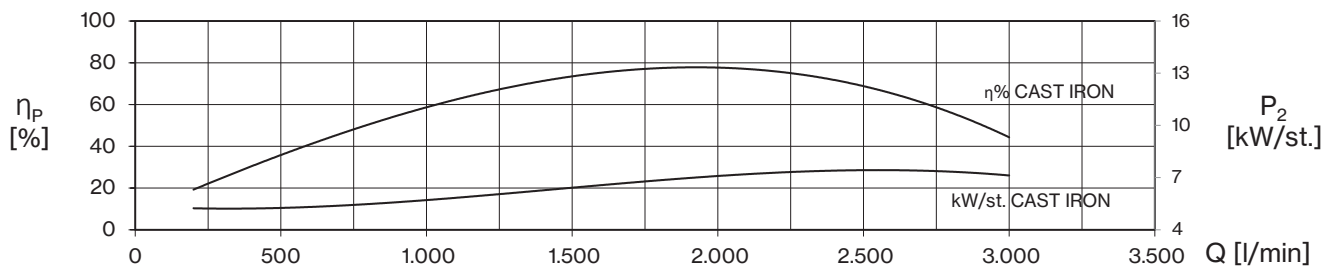
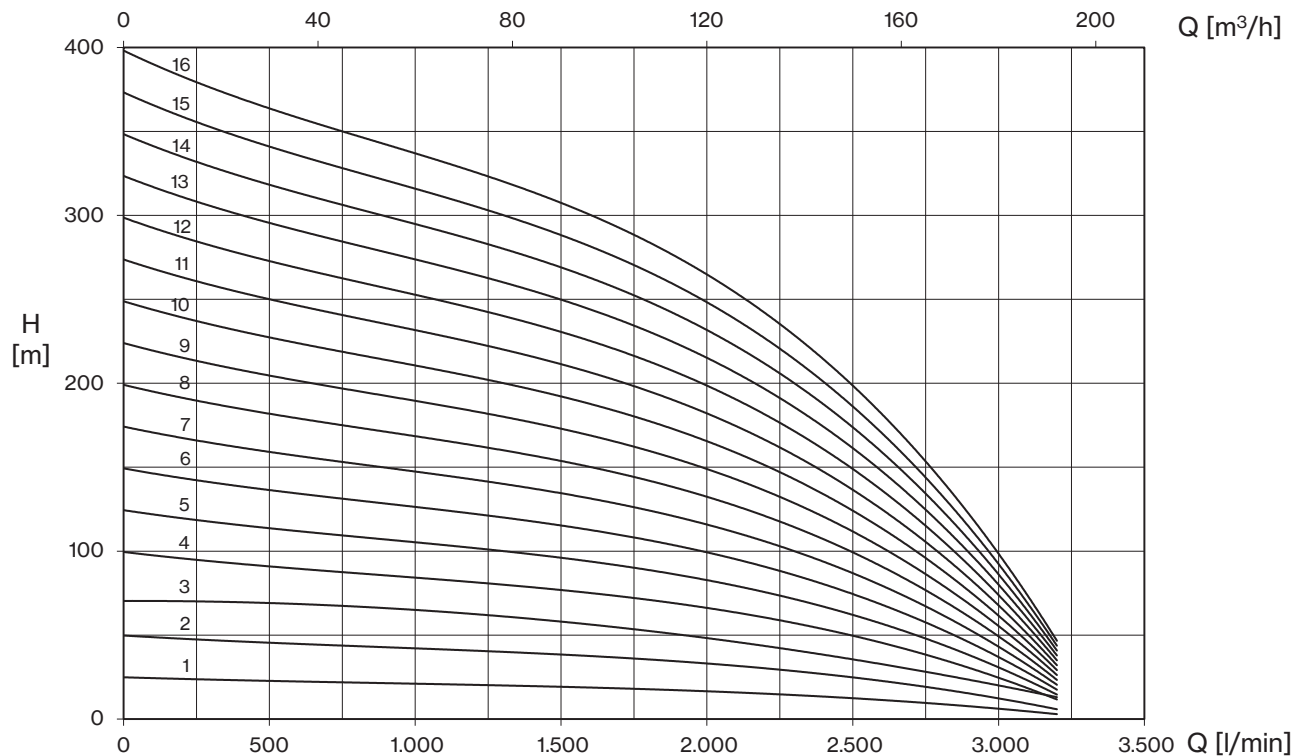
50 Hz - 2900 rpm						Q															
TYPE	WITH FME6-8 MOTOR		Ø	3- 400V	AXIAL LOAD	I/min	0	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000
	P2					I/sec	0	16,67	18,33	20,0	21,67	23,33	25,0	26,67	30,0	33,33	36,67	40,0	43,33	46,67	50,0
	HP	kW	A	N	m³/h	0	60	66	72	78	84	90	96	108	120	132	144	156	168	180	
FX8 130/01-010	10	7,5	6"	17	2273	H (m)	25	21	20	20	20	19	19	19	18	17	15	13	11	9	6
FX8 130/02-020	20	15		33	4546		49	42	41	40	40	39	38	37	36	34	31	27	22	18	12
FX8 130/03-030	30	22		47	6819		74	62	61	60	59	58	57	56	54	50	46	40	34	27	18
FX8 130/04-040	40	30		61	9092		98	83	82	80	79	78	76	75	72	67	61	53	45	36	24
FX8 130/05-050	50	37		76	11365		123	104	102	101	99	97	96	94	90	84	77	67	56	45	30
FX8 130/06-060	60	45		90	13638		147	125	122	121	119	117	115	112	107	101	92	80	67	54	36
FX8 130/07-070	70	52		102	15911		172	146	143	141	139	136	134	131	125	118	107	93	78	63	42
FX8 130/08-080	80	60		118	18184		196	166	163	161	158	156	153	150	143	134	122	106	90	72	48
FX8 130/09-090	90	67		129	20457		221	187	184	181	178	175	172	168	161	151	138	120	101	81	54
FX8 130/10-100	100	75		145	22730		245	208	204	201	198	195	191	187	179	168	153	133	112	90	60
FX8 130/11-110	110	82		160	25003		270	229	224	221	218	214	210	206	197	185	168	146	123	99	66
FX8 130/12-125	125	93		181	27275		294	250	245	241	238	233	229	224	215	202	184	160	134	108	72
FX8 130/13-125	125	93		181	29548		319	270	265	261	257	253	248	243	233	218	199	173	146	117	78
FX8 130/14-150	150	110		228	31821		343	291	286	281	277	272	267	262	251	235	214	186	157	126	84
FX8 130/15-150	150	110		228	34094		368	312	306	302	297	292	287	281	269	252	230	200	168	135	90
FX8 130/16-180	180	132	10"	-	36367	392	333	326	322	317	311	306	299	286	269	245	213	179	144	96	

MEI ≥ 0,7 (EU Regulation No. 547/2012)

	CAST IRON	GIR 316	AISI 316
Eff. max %	79	79	81
Max kW / St.	7,34	7,2	7,05

NPSH (m)	Q=25%	Q=50%	Q=75%	Q=100%
		3,3	3,5	5





FX8 160

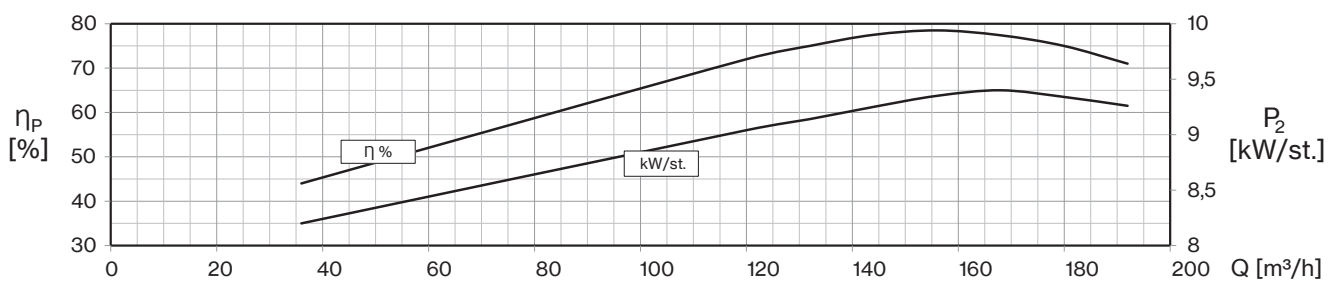
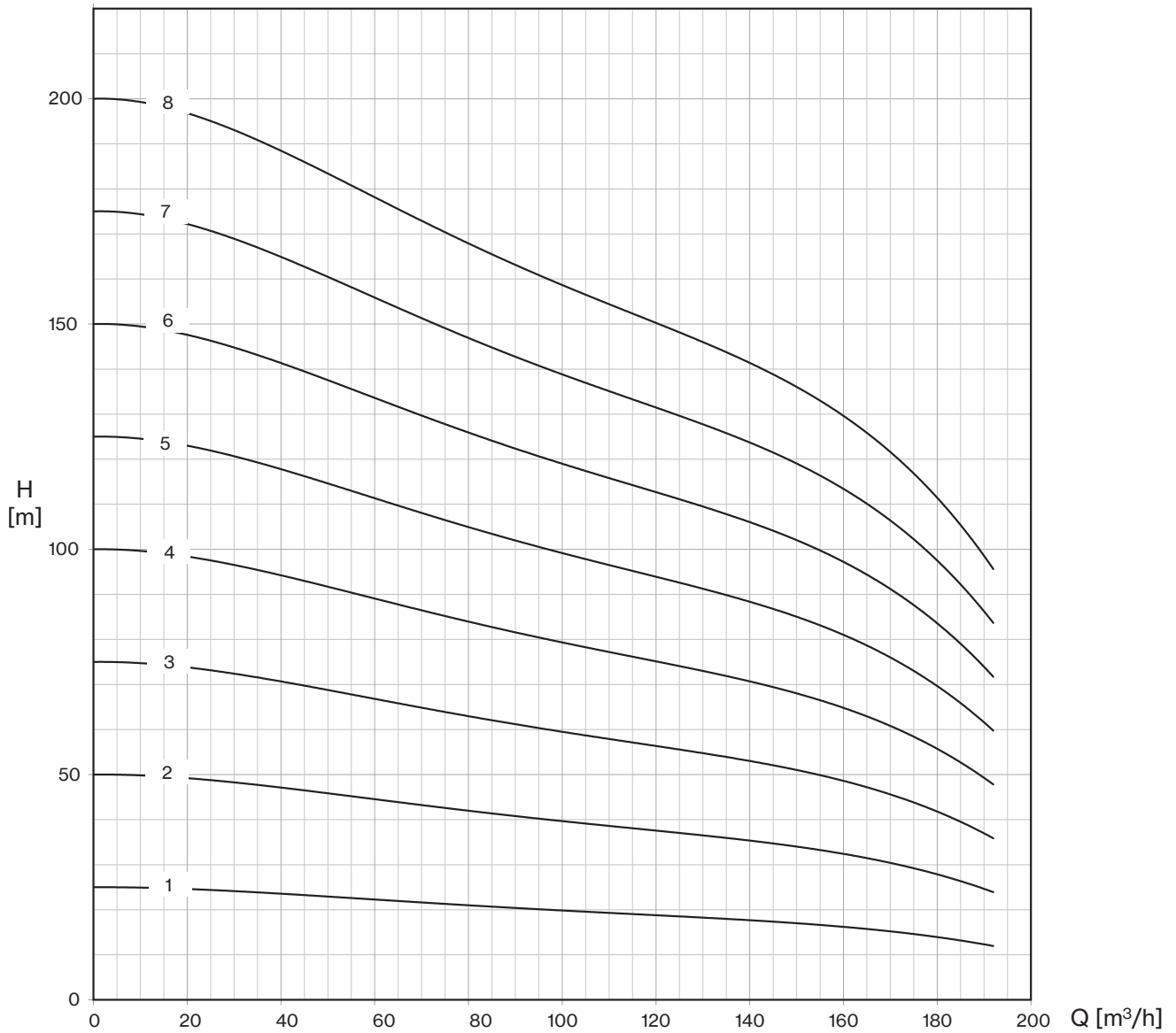
50 Hz - 2900 rpm						Q									
TYPE	WITH FME6-8 MOTOR			AXIAL LOAD	l/min	0	600	2000	2200	2400	2600	2800	3000	3200	
	P2		3- 400V Ø		l/sec	0	10,0	33,3	36,7	40,0	43,3	46,7	50,0	53,3	
	HP	kW		A	N	m ³ /h	0	36	120	132	144	156	168	180	192
FX8 160/01-015	15	11	6"	23	2100	H (m)	25	24	19	18	17	17	16	14	12
FX8 160/02-030	30	22		47	4200		50	48	38	36	35	33	31	28	24
FX8 160/03-040	40	30		64	6300		75	71	56	54	52	50	47	41	36
FX8 160/04-060	60	45	8"	90	8400		100	95	75	72	70	66	62	55	48
FX8 160/05-070	70	52		102	10500		125	119	94	91	87	83	78	69	60
FX8 160/06-090	90	67		129	12600		150	143	113	109	104	100	93	83	72
FX8 160/07-100	100	75		145	14700		175	167	132	127	122	116	109	97	84
FX8 160/08-125	125	93		181	16800		200	190	150	145	139	133	124	110	96
FX8 160/09-125	125	93		181	18900		225	214	169	163	157	149	140	124	108
FX8 160/10-150	150	110	10"	228	21000		250	238	188	181	174	166	155	138	120
FX8 160/11-150	150	110		228	23100		275	262	207	199	191	183	171	152	132
FX8 160/12-180	180	132		257	25200		300	286	226	217	209	199	186	166	144
FX8 160/13-180	180	132		257	27300		325	309	244	235	226	216	202	179	156
FX8 160/14-200	200	150		300	29400		350	333	263	253	244	232	217	193	168
FX8 160/15-200	200	150		300	31500		375	357	282	272	261	249	233	207	180
FX8 160/16-230	230	170		340	33600		400	381	301	290	278	266	248	221	192
FX8 160/17-230	230	170		340	35700		425	405	320	308	296	282	264	235	204
FX8 160/18-260	260	190	380	37800	450		428	338	326	313	299	279	248	216	

MEI ≥ 0,7 (EU Regulation No. 547/2012)

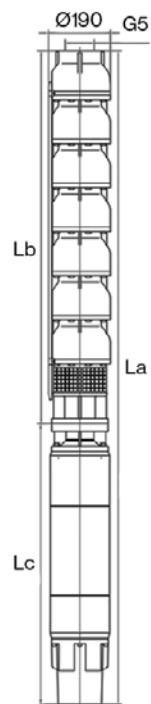
Eff. max %	78,5
Max kW / St.	10

NPSH (m)	Q=25%	Q=50%	Q=75%	Q=100%
	4	4,5	7	13





FX8



FX8 70

TYPE	MOTOR BRACKET	ST	DIMENSIONS (mm)			WEIGHT (kg)		
			La	Lb	Lc	La	Lb	Lc
3-								
FX8 70/01-005	6" NEMA	1	1158	458	700	78	32	46
FX8 70/02-010		2	1352	592	760	95	44	51
FX8 70/03-015		3	1586	726	860	117	55	62
FX8 70/04-020		4	1840	860	980	142	67	75
FX8 70/05-025		5	2004	994	1010	158	78	80
FX8 70/06-030		6	2238	1128	1110	180	90	90
FX8 70/07-035		7	2512	1262	1250	207	101	106
FX8 70/08-040	8" NEMA	8	2546	1396	1150	253	115	138
FX8 70/09-050		9	2730	1530	1200	264	126	138
FX8 70/10-050		10	2864	1664	1200	276	138	138
FX8 70/11-060		11	3098	1798	1300	294	149	145
FX8 70/12-060		12	3232	1932	1300	306	161	145
FX8 70/13-070		13	3446	2066	1380	339	172	167
FX8 70/14-070		14	3580	2200	1380	351	184	167
FX8 70/15-075		15	3714	2334	1380	362	195	167
FX8 70/16-080		16	3898	2468	1430	390	207	183



FX8 90

TYPE	MOTOR BRACKET	ST	DIMENSIONS (mm)			WEIGHT (kg)		
			La	Lb	Lc	La	Lb	Lc
3~								
FX8 90/01-007	6" NEMA	1	1158	458	700	78	32	46
FX8 90/02-012		2	1392	592	800	98,5	43,5	55
FX8 90/03-020		3	1706	726	980	130	55	75
FX8 90/04-025		4	1870	860	1010	146,5	66,5	80
FX8 90/05-035		5	2244	994	1250	184	78	106
FX8 90/06-040	8" NEMA	6	2278	1128	1150	227,5	89,5	138
FX8 90/07-050		7	2462	1262	1200	239	101	138
FX8 90/08-060		8	2696	1396	1300	259,5	114,5	145
FX8 90/09-060		9	2830	1530	1300	271	126	145
FX8 90/10-070		10	3044	1664	1380	304,5	137,5	167
FX8 90/11-075		11	3178	1798	1380	316	149	167
FX8 90/12-080		12	3362	1932	1430	343,5	160,5	183
FX8 90/13-090		13	3526	2066	1460	365	172	193
FX8 90/14-100		14	3680	2200	1480	383,5	183,5	200
FX8 90/15-100		15	3814	2334	1480	395	195	200
FX8 90/16-110		16	4248	2468	1780	457,5	206,5	251

FX8 110

TYPE	MOTOR BRACKET	ST	DIMENSIONS (mm)			WEIGHT (kg)		
			La	Lb	Lc	La	Lb	Lc
3~								
FX8 110/01-010	6" NEMA	1	1218	458	760	83	32	51
FX8 110/02-017		2	1512	592	920	109,5	43,5	66
FX8 110/03-025		3	1736	726	1010	135	55	80
FX8 110/04-035		4	2110	860	1250	172,5	66,5	106
FX8 110/05-040	8" NEMA	5	2144	994	1150	216	78	138
FX8 110/06-050		6	2328	1128	1200	227,5	89,5	138
FX8 110/07-060		7	2562	1262	1300	246	101	145
FX8 110/08-070		8	2776	1396	1380	281,5	114,5	167
FX8 110/09-075		9	2910	1530	1380	293	126	167
FX8 110/10-080		10	3094	1664	1430	320,5	137,5	183
FX8 110/11-090		11	3258	1798	1460	342	149	193
FX8 110/12-100		12	3412	1932	1480	360,5	160,5	200
FX8 110/13-110		13	3846	2066	1780	423	172	251
FX8 110/14-125		14	3980	2200	1780	434,5	183,5	251
FX8 110/15-125		15	4114	2334	1780	446	195	251
FX8 110/16-150		16	4358	2468	1890	473,5	206,5	267

FX8 130

TYPE	MOTOR BRACKET	ST	DIMENSIONS (mm)			WEIGHT (kg)		
			La	Lb	Lc	La	Lb	Lc
3~								
FX8 130/01-010	6" NEMA	1	1218	458	760	83	32	51
FX8 130/02-020		2	1572	592	980	118,5	43,5	75
FX8 130/03-030		3	1836	726	1110	145	55	90
FX8 130/04-040	8" NEMA	4	2010	860	1150	204,5	66,5	138
FX8 130/05-050		5	2194	994	1200	216	78	138
FX8 130/06-060		6	2428	1128	1300	234,5	89,5	145
FX8 130/07-070		7	2642	1262	1380	268	101	167
FX8 130/08-080		8	2826	1396	1430	297,5	114,5	183
FX8 130/09-090		9	2990	1530	1460	319	126	193
FX8 130/10-100		10	3144	1664	1480	337,5	137,5	200
FX8 130/11-110		11	3578	1798	1780	400	149	251
FX8 130/12-125		12	3712	1932	1780	411,5	160,5	251
FX8 130/13-125		13	3846	2066	1780	423	172	251
FX8 130/14-150		14	4090	2200	1890	450,5	183,5	267
FX8 130/15-150		15	4224	2334	1890	462	195	267
FX8 130/16-180	10"	16	-	2468	-	-	206,5	-

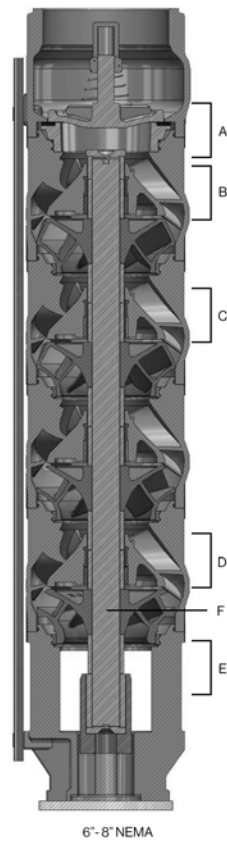


FX8

FX8 160

TYPE	MOTOR BRACKET	ST	DIMENSIONS (mm)			WEIGHT (kg)		
			La	Lb	Lc	La	Lb	Lc
3-								
FX8 160/01-015	6" NEMA	1	1348	488	860	82	20	62
FX8 160/02-030		2	1748	638	1110	117	27	90
FX8 160/03-040		3	1938	788	1150	173	35	138
FX8 160/04-060	8" NEMA	4	2238	938	1300	187	42	145
FX8 160/05-070		5	2530	1150	1380	217	50	167
FX8 160/06-090		6	2760	1300	1460	251	58	193
FX8 160/07-100		7	2930	1450	1480	265	65	200
FX8 160/08-125		8	3380	1600	1780	324	73	251
FX8 160/09-125		9	3530	1750	1780	331	80	251
FX8 160/10-150		10	3820	1900	1920	473	88	385
FX8 160/11-150		11	3970	2050	1920	480	95	385
FX8 160/12-180	10"	12	4220	2200	2020	538	103	435
FX8 160/13-180		13	4370	2350	2020	549	114	435
FX8 160/14-200		14	4640	2500	2140	621	121	500
FX8 160/15-200		15	4790	2650	2140	629	129	500
FX8 160/16-230		16	5040	2800	2240	676	136	540
FX8 160/17-230		17	5190	2950	2240	684	144	540
FX8 160/18-260		18	5440	3100	2340	731	151	580





N. CODE	KIT	DESCRIPTION	MATERIAL		
			FX8	FX8 IS	FX8 SS
6310	KIT A <i>valve body</i>	THREADED VALVE BODY	CAST IRON GG25	CAST IRON GG25	AISI 316
6330		STOPPER WITH SPRING	AISI 316		
6340		STOPPER SUPPORT	CAST IRON GG25	CAST IRON GG25	AISI 316
2910		SHAFT HEAD SCREW AND WASHER	AISI 316		
1170	KIT B <i>upper diffuser</i>	DIFFUSER WITH BUSHING AND BRONZE SLEEVE	CAST IRON GG25	CAST IRON GG25	AISI 316
24710		DIFFUSER BUSHING	STAINLESS STEEL 316 + CERAMIC		
2460.3		SHAFT HEAD SPACER	STAINLESS STEEL 316		
1170	KIT C <i>intermediate diffuser</i>	DIFFUSER WITH RUBBER BUSHING	CAST IRON GG25	CAST IRON GG25	AISI 316
2410		DIFFUSER BUSHING	AISI 316 + CERAMICA		
2460.2		DIFFUSER SPACER	STAINLESS STEEL AISI 316		
1500		IMPELLER WEAR RING	PU / RUBBER		
1170	KIT D <i>lower diffuser</i>	DIFFUSER WITH BUSHING AND BRONZE SLEEVE	CAST IRON GG25	CAST IRON GG25	AISI 316
2410		DIFFUSER BUSHING	STAINLESS STEEL 316 + CERAMIC		
2460.2		DIFFUSER SPACER	STAINLESS STEEL 316		
1500		IMPELLER WEAR RING	PU / RUBBER		
1130	KIT E <i>suction</i>	SUCTION BODY	CAST IRON GG25	CAST IRON GG25	AISI 316
2460.1		SUCTION SPACER	STAINLESS STEEL 316		
6531		STRAINER/GRID	STAINLESS STEEL 316		
1500		IMPELLER WEAR RING	PU / RUBBER		
2110	KIT F <i>shaft with coupling</i>	SHAFT	SS 431B	SS 431B	AISI 316
7000		COUPLING	STAINLESS STEEL 316		
8361		CABLE COVER AND ACCESSORIES	STAINLESS STEEL 316		
2261		IMPELLER	CAST IRON GG25	AISI 316	AISI 316