

FPS



50 HZ FS SERIES

Submersible Turbine Pumps
8", 10", 12", 14", 16"

50 Hz FS SERIES SUBMERSIBLE TURBINE PUMPS

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SPECIFICATIONS

The FS Series pumps have been engineered in all AISI 316 stainless steel for efficient and reliable pumping of liquids in marine, residential, municipal, industrial, and agricultural applications.

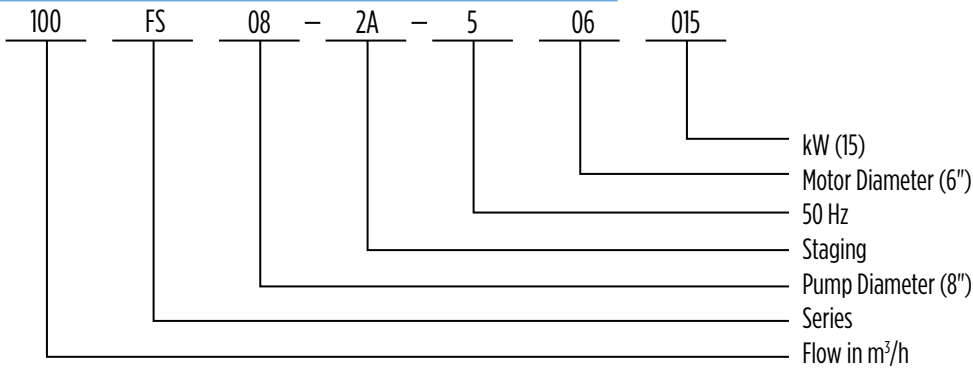
- 8": 100, 110, 130, and 140 m³/h
- 10": 180, 200, 260, and 295 m³/h
- 12": 300 and 400 m³/h
- 14": 600 m³/h
- 16": 1000 m³/h

FEATURES

- 100% factory tested
- Stainless steel AISI 316 discharge and suction bracket
- Stainless steel AISI 316 bowls
- 8", 10", 12", 14", and 16" sizes
- Stainless steel impellers and diffusers
- Impellers locked onto shaft with keys
- Rubber bearings
- Integrated non-return valve on all models
- Stainless steel 329 duplex pump shaft for increased durability
- All pumps suit Franklin Electric motors
- Flanged and BSPP discharges
- Maximum running time at zero delivery is two minutes

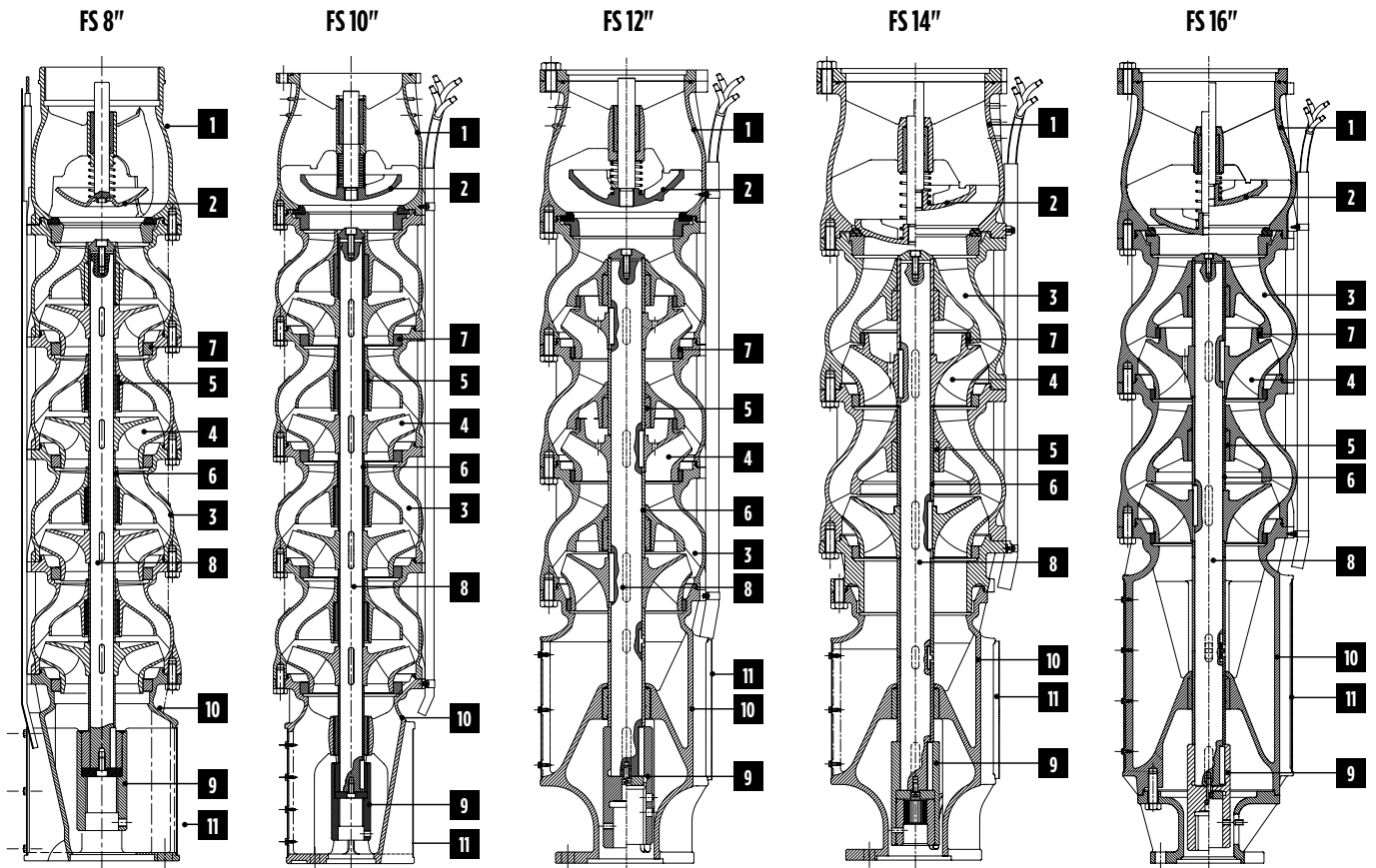


MODEL NOMENCLATURE



PARTS & MATERIALS

Item	Part Name	Material	FS 8"	FS 10"	FS 12"	FS 14"	FS 16"
1	Delivery Bowl	AISI 316 Stainless Steel					
2	Retaining Valve	AISI 316 Stainless Steel					
3	Diffuser	AISI 316 Stainless Steel					
4	Impeller	AISI 316 Stainless Steel					
5	Journal Bearing	VITON					
5	Journal Bearing	PTFE					
6	Spacer Bush	AISI 316 Stainless Steel					
7	Wear Ring	POM					
8	Pump Shaft	AISI 329 DUPLEX Stainless Steel					
9	Coupling	AISI 329 DUPLEX Stainless Steel					
10	Suction Bowl	AISI 316 Stainless Steel					
11	Suction Grid	AISI 316 Stainless Steel					



8" 100 M³/H - ORDERING INFORMATION

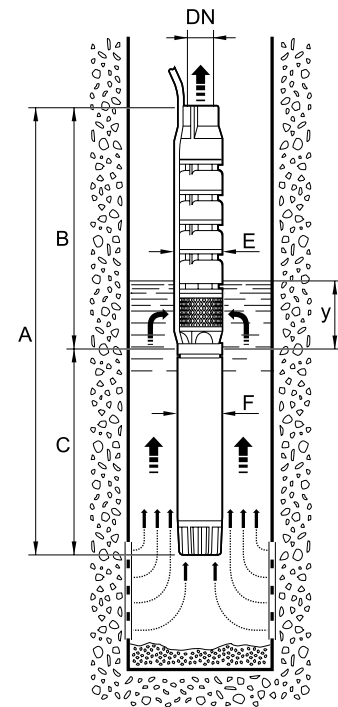
Model	Order No.	kW	HP	Stages	Trim	Motor Size
100FS08-2A-506015	96508100605	15	20	2	A	6"
100FS08-3B-506018	96508100610	18.5	25	3	B	6"
100FS08-3A-506022	96508100615	22	30	3	A	6"
100FS08-5C-506030	96508100620	30	40	5	C	6"
100FS08-6C-508037	96508100625	37	50	6	C	8"
100FS08-7B-508045	96508100630	45	60	7	B	8"
100FS08-9C-508055	96508100635	55	75	9	C	8"
100FS08-12C-508075	96508100640	75	100	12	C	8"
100FS08-15D-508093	96508100645	93	125	15	D	8"
100FS08-16C-508110	96508100655	110	150	16	C	8"

8" 100 M³/H - HYDRAULIC PERFORMANCE

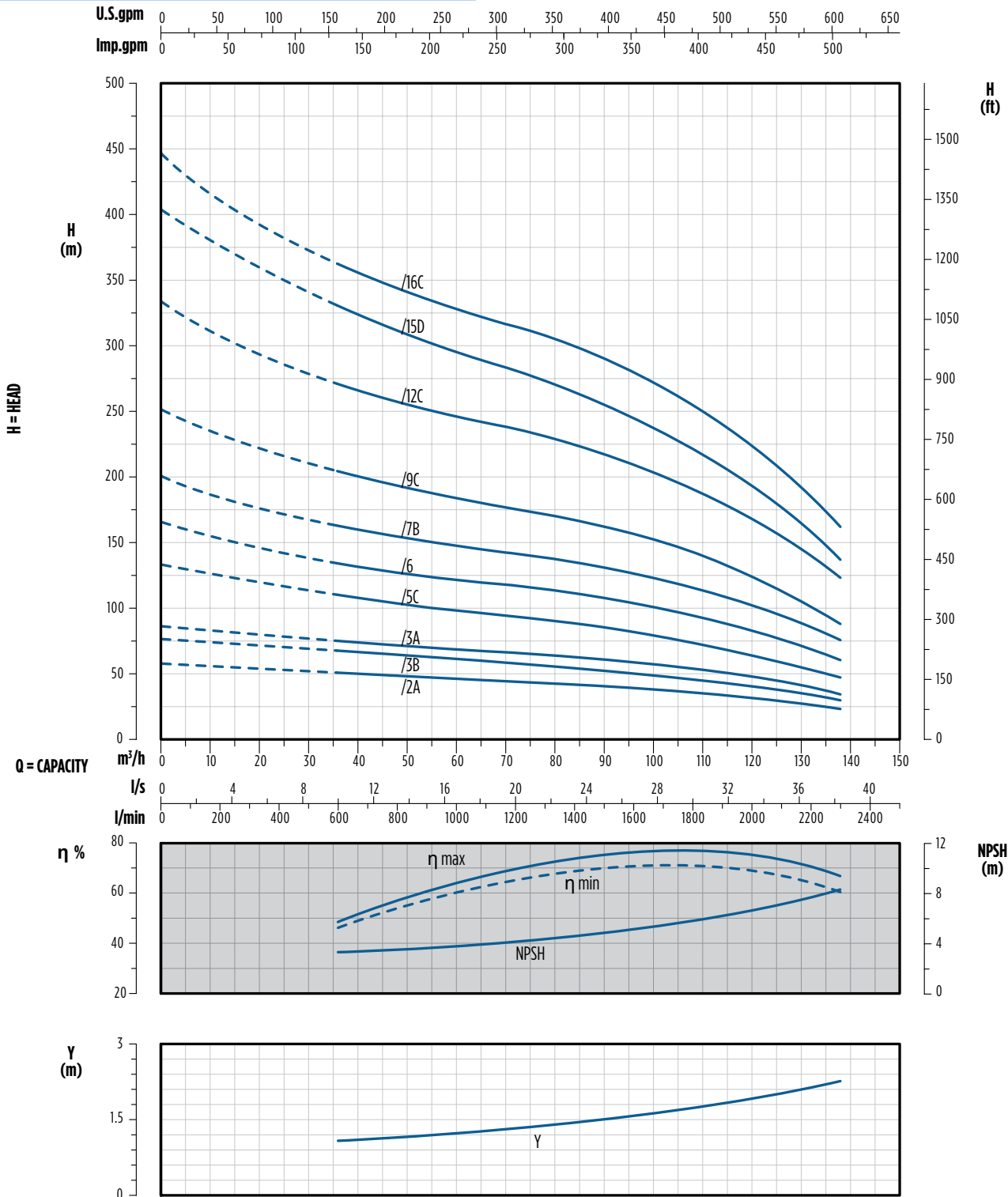
Model	Rated Power		Capacity												
			l/min	0	600	1300	1500	1600	1700	1800	1900	2000	2100	2200	2300
	kW	HP	m ³ /h	0	36	78	90	96	102	108	114	120	126	132	138
			l/s	0	10	21.7	25	26.7	28.3	30	31.7	33.3	35	36.7	38.3
100FS08-2A-506015	15	20	Head in Meters (m)	58	49.5	42.5	40.5	39	37.5	35.5	33.5	31	28.5	26	23
100FS08-3B-506018	18.5	25		77	67	56	53	51	48.5	46	43	40.5	37	33.5	29.5
100FS08-3A-506022	22	30		86	75	64	61	59	56	53	50	46.5	43	38.5	34.5
100FS08-5C-506030	30	40		134	109	91	85	82	79	74	70	65	60	54	47
100FS08-6C-508037	37	50		166	135	113	106.5	103	99	94	89	83	76	69	60
100FS08-7B-508045	45	60		200	162	138	130	126	121	116	109	102	94	85	76
100FS08-9C-508055	55	75		251	204	173	163	157	151	143	134	125	114	102	88
100FS08-12C-508075	75	100		335	272	230	217	210	202	192	181	168	155	139	123
100FS08-15D-508093	93	125		405	331	273	256	246	235	222	208	192	175	157	137
100FS08-16C-508110	110	150		446	362	307	290	280	269	256	241	224	206	186	163

8" 100 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					GAS	Ø MAX
100FS08-2A-506015	*	687	*	5"	198	142	1200	30	*
100FS08-3B-506018	*	823	*	5"	198	142	1200	38	*
100FS08-3A-506022	*	823	*	5"	198	142	1200	38	*
100FS08-5C-506030	*	1095	*	5"	198	142	1200	54	*
100FS08-6C-508037	*	1231	*	5"	198	190	1200	63	*
100FS08-7B-508045	*	1367	*	5"	198	190	1200	71	*
100FS08-9C-508055	*	1639	*	5"	198	190	1200	86	*
100FS08-12C-508075	*	2047	*	5"	198	190	1200	110	*
100FS08-15D-508093	*	2455	*	5"	198	190	1200	133	*
100FS08-16C-508110	*	2591	*	5"	198	190	1200	140	*



8" 100 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction /1 = -3 /2 = -2 /3 = -1

8" 110 M³/H - ORDERING INFORMATION

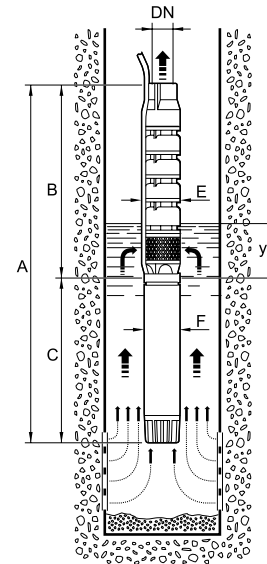
Model	Order No.	kW	HP	Stages	Trim	Motor Size
110FS08-2H-506013	96508110605	13	17.5	2	H	6"
110FS08-3G-506018	96508110610	18.5	25	3	G	6"
110FS08-3B-506022	96508110615	22	30	3	B	6"
110FS08-4F-506026	96508110620	26	35	4	F	6"
110FS08-5I-506030	96508110625	30	40	5	I	6"
110FS08-5F-506033	96508110630	33	45	5	F	6"
110FS08-5G-508033	96508110635	33	45	5	G	8"
110FS08-6H-506037	96508110640	37	50	6	H	6"
110FS08-6L-508037	96508110645	37	50	6	L	8"
110FS08-6F-508040	96508110650	40	55	6	F	8"
110FS08-6B-508045	96508110655	45	60	6	B	8"
110FS08-7C-508051	96508110660	51.5	70	7	C	8"
110FS08-9L-508055	96508110665	55	75	9	L	8"
110FS08-9G-508059	96508110670	59	80	9	G	8"
110FS08-9B-508066	96508110675	66	90	9	B	8"
110FS08-10B-508075	96508110680	75	100	10	B	8"
110FS08-11B-508092	96508110685	92	125	11	B	8"
110FS08-13E-508092	96508110690	92	125	13	E	8"
110FS08-14C-508110	96508110695	110	150	14	C	8"
110FS08-15C-508110	96508110700	110	150	15	C	8"

8" 110 M³/H - HYDRAULIC PERFORMANCE

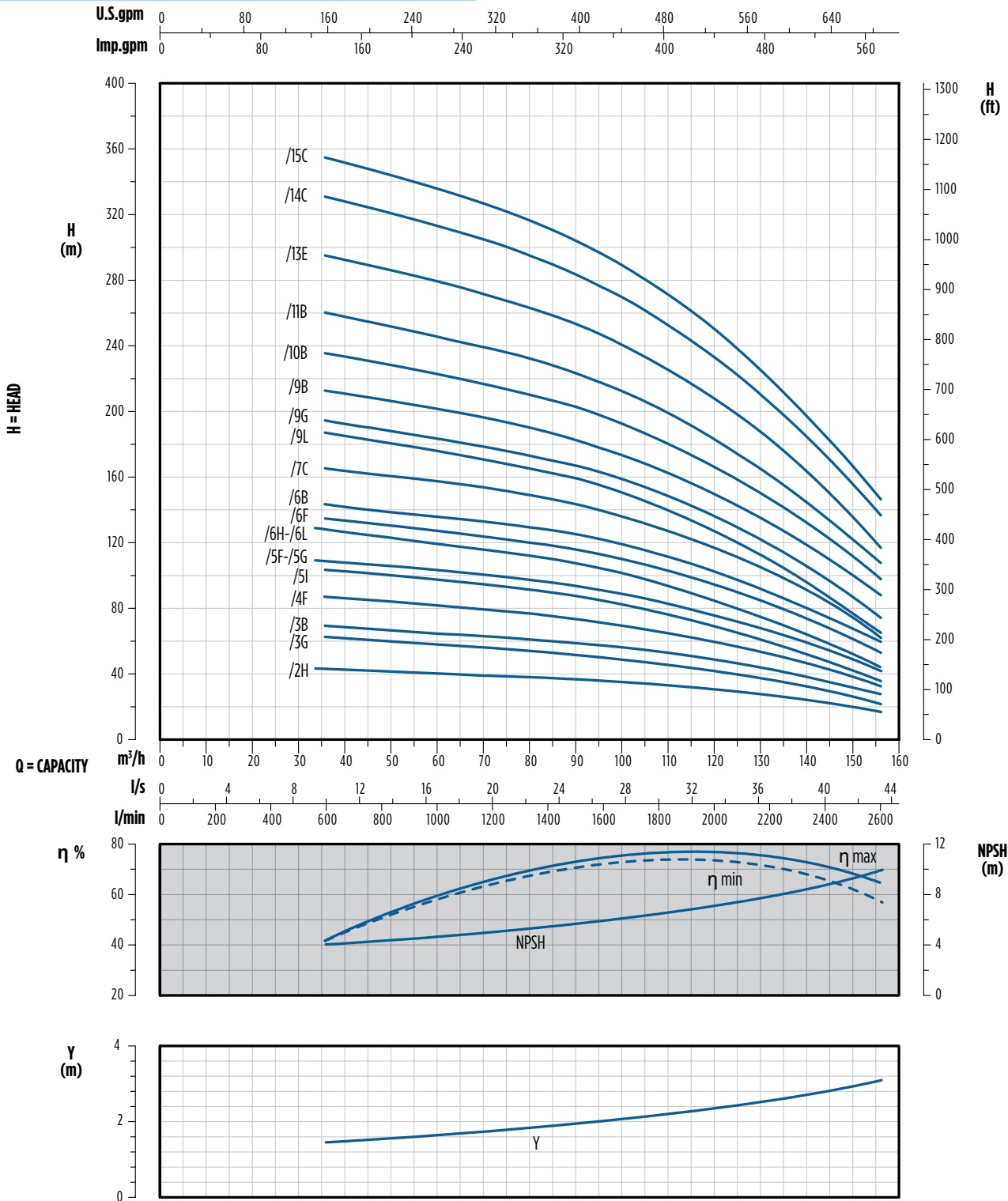
Model	Rated Power		Head in Meters (m)	Capacity												
	kW	HP		l/min	0	600	1100	1400	1600	1700	1800	1900	2000	2100	2300	2600
				m ³ /h	0	36	66	84	96	102	108	114	120	126	138	156
			l/s	0	10	18.3	23.3	26.7	28.3	30	31.7	33.3	35	38.3	43.3	
110FS08-2H-506013	13	17.5	47.5	42.5	39.5	37	35.5	34.5	33.5	32	30.5	28.5	24.5	17		
110FS08-3G-506018	18.5	25	69.5	63	57.5	53	50.5	49	47	45	42	39.5	33	22		
110FS08-3B-506022	22	30	76	69	64	60.5	57.5	56	54	51.5	49	46	39	27.5		
110FS08-4F-506026	26	35	95	87.5	80.5	75.5	72	69.5	67	63.5	60	56	47.5	32.5		
110FS08-5I-506030	30	40	112.5	103.5	95	89	84	81.5	78	74	69.5	64.5	53.5	35.5		
110FS08-5F-506033	33	45	118	109.5	101.5	95.5	91	88	85	80.5	76	71	60.5	41.5		
110FS08-5G-508033	33	45	118	109.5	101.5	95.5	91	88	85	80.5	76	71	60.5	41.5		
110FS08-6H-506037	37	50	137.5	126	117	109.5	103.5	100	96	90.5	85	79	66	45		
110FS08-6L-508037	37	50	137.5	126	117	109.5	103.5	100	96	90.5	85	79	66	45		
110FS08-6F-508040	40	55	144.5	134	124.5	117.5	112	109	105.5	100.5	95	89	76	53.5		
110FS08-6B-508045	45	60	155.5	144	134.5	127	121	117.5	113.5	108.5	102.5	96.5	83	59.5		
110FS08-7C-508051	51.5	70	178.5	165.5	154	146	139	135	130.5	124.5	117.5	110	92.5	63.5		
110FS08-9L-508055	55	75	200.5	186	171.5	161.5	154	149	143	136	127.5	118.5	98.5	66		
110FS08-9G-508059	59	80	209	194.5	180	170	162	157	152	146	137.5	128.5	108.5	74.5		
110FS08-9B-508066	66	90	225.5	212	196.5	185.5	176.5	171.5	165.5	159	150.5	141	121	88		
110FS08-10B-508075	75	100	251	235.5	218	206	196	190.5	184	177	167.5	157	134.5	97.5		
110FS08-11B-508092	92	125	276	259	240	226.5	215.5	209.5	202.5	194.5	184	172.5	147.5	107.5		
110FS08-13E-508092	92	125	313	294	272	257	244.5	238	230	221	209	196.5	167.5	117.5		
110FS08-14C-508110	110	150	351	329.5	305.5	288.5	274.5	266.5	257.5	247.5	234	219.5	188	137		
110FS08-15C-508110	110	150	376	353	327.5	309	294	285.5	276	265.5	251	235.5	201.5	146.5		

8" 110 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					Pump	Motor
110FS08-2H-506013	*	729	*	5"	196	142	1200	36	*
110FS08-3G-506018	*	886	*	5"	196	142	1200	46	*
110FS08-3B-506022	*	886	*	5"	196	142	1200	46	*
110FS08-4F-506026	*	1043	*	5"	196	142	1200	56	*
110FS08-5I-506030	*	1200	*	5"	196	142	1200	66	*
110FS08-5F-506033	*	1200	*	5"	198	142	1200	66	*
110FS08-5G-508033	*	1200	*	5"	198	190	1200	66	*
110FS08-6H-506037	*	1357	*	5"	198	142	1200	76	*
110FS08-6L-508037	*	1357	*	5"	198	190	1200	76	*
110FS08-6F-508040	*	1357	*	5"	198	190	1200	76	*
110FS08-6B-508045	*	1357	*	5"	198	190	1200	76	*
110FS08-7C-508051	*	1514	*	5"	198	190	1200	86	*
110FS08-9L-508055	*	1828	*	5"	198	190	1200	106	*
110FS08-9G-508059	*	1828	*	5"	198	190	1200	106	*
110FS08-9B-508066	*	1828	*	5"	200	190	1200	106	*
110FS08-10B-508075	*	1985	*	5"	200	190	1200	116	*
110FS08-11B-508092	*	2142	*	5"	202	190	1200	126	*
110FS08-13E-508092	*	2456	*	5"	202	190	1200	146	*
110FS08-14C-508110	*	2613	*	5"	202	190	1200	156	*
110FS08-15C-508110	*	2770	*	5"	202	190	1200	166	*



8" 110 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction /2 = -2 /3 = -1 /4 = -

8" 130 M³/H - ORDERING INFORMATION

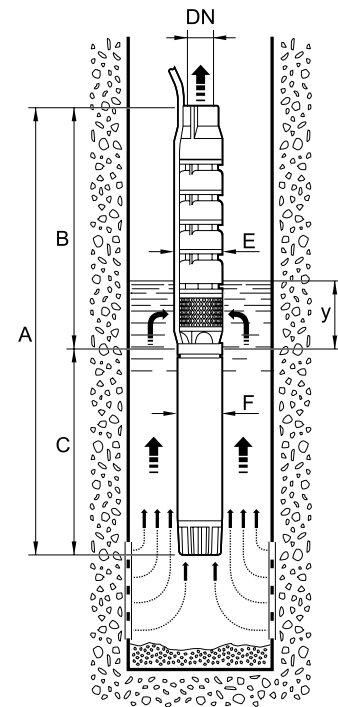
Model	Order No.	kW	HP	Stages	Trim	Motor Size
130FS08-2E-506015	96508130605	15	20	2	E	6"
130FS08-2A-506018	96508130610	18.5	25	2	A	6"
130FS08-3E-506022	96508130615	22	30	3	E	6"
130FS08-4E-506030	96508130620	30	40	4	E	6"
130FS08-4C-508037	96508130625	37	50	4	C	8"
130FS08-5C-508045	96508130630	45	60	5	C	8"
130FS08-6A-508055	96508130635	55	75	6	A	8"
130FS08-8A-508075	96508130640	75	100	8	A	8"
130FS08-10C-508093	96508130645	93	125	10	C	8"
130FS08-12A-508110	96508130650	110	150	12	A	8"

8" 130 M³/H - HYDRAULIC PERFORMANCE

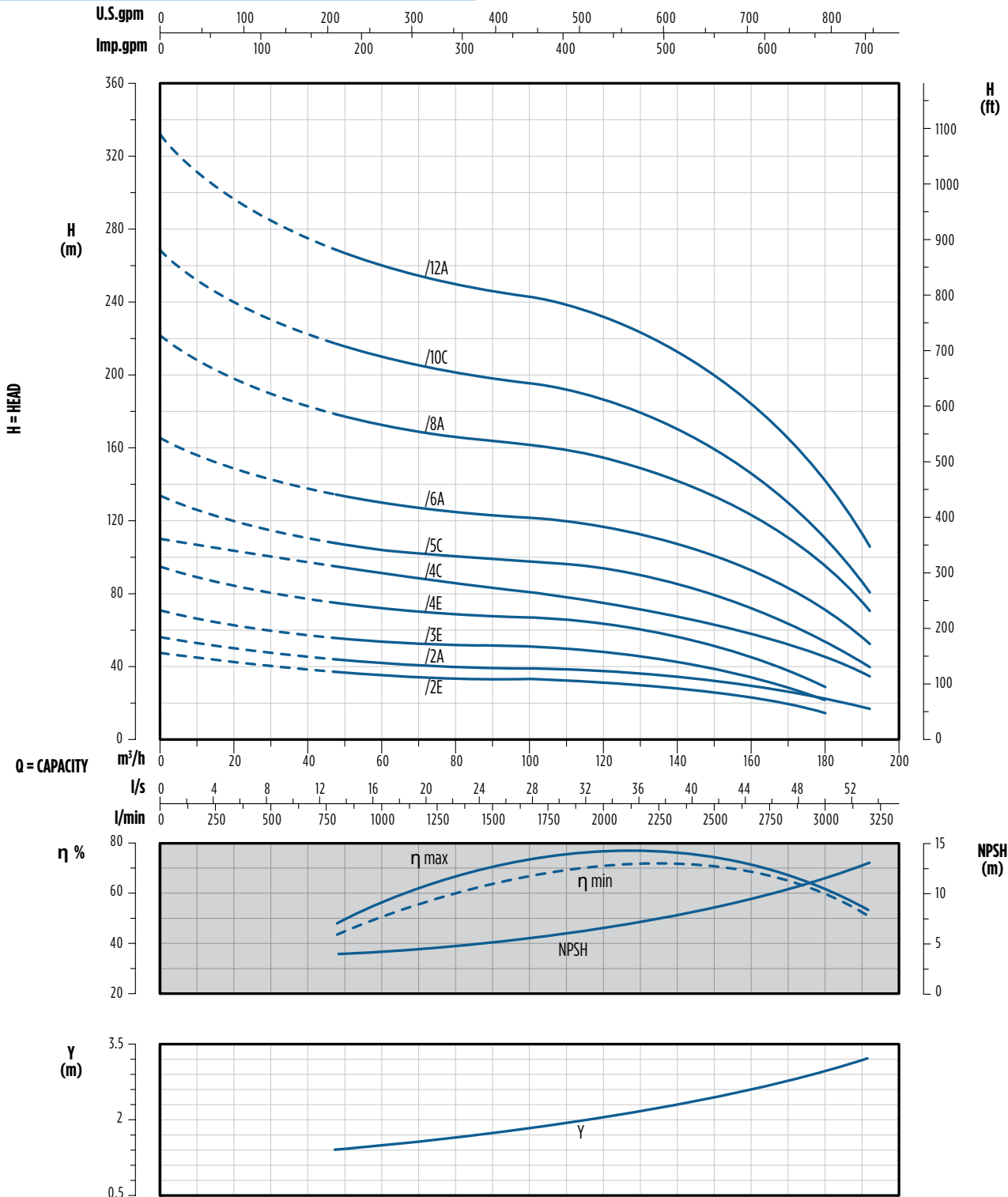
Model	Rated Power		Capacity												
	kW	HP	l/min	0	800	1700	1800	1900	2000	2200	2400	2600	2800	3000	3200
			m ³ /h	0	48	102	108	114	120	132	144	156	168	180	192
			l/s	0	13.3	28.3	30	31.7	33.3	36.7	40	43.3	46.7	50	53.3
			Head in Meters (m)	48	41	35	34	33	32	30	27	23.5	19.5	15	—
130FS08-2E-506015	15	20		57	47.5	40.5	40	39	38	36	33	30	26.5	22	17.5
130FS08-2A-506018	18.5	25		72	62	53	51	49.5	48	44.5	40.5	35	29.5	23	—
130FS08-3E-506022	22	30		96	82	70	68	66	64	60	54	47	39	30.5	—
130FS08-4E-506030	30	40		111	94	81	80	78	76	72	66	60	53	44	34.5
130FS08-4C-508037	37	50		136	118	102	100	97	95	89	82	74	65	55	42.5
130FS08-5C-508045	45	60		168	145	126	124	120.5	117.5	111	102.5	93	82.5	70	56
130FS08-6A-508055	55	75		224	194	168	165	161	157	148	137	125	110	94	75
130FS08-8A-508075	75	100		272	235	203	199	194	189	178	164	148	130	109	85
130FS08-10C-508093	93	125		335	290	252	247	241	235	222	206	187	165	140	112
130FS08-12A-508110	110	150													

8" 130 M³/H - DIMENSIONS

Model	A	B	C	DN	E	F	y	Wt. (kg)	
				GAS	Ø MAX			Pump	Motor
130FS08-2E-506015	*	687	*	5"	198	142	1200	30	*
130FS08-2A-506018	*	687	*	5"	198	142	1200	30	*
130FS08-3E-506022	*	823	*	5"	198	142	1200	37	*
130FS08-4E-506030	*	959	*	5"	198	142	1200	44	*
130FS08-4C-508037	*	959	*	5"	198	190	1200	46	*
130FS08-5C-508045	*	1095	*	5"	198	190	1200	53	*
130FS08-6A-508055	*	1231	*	5"	198	190	1200	61	*
130FS08-8A-508075	*	1503	*	5"	198	190	1200	75	*
130FS08-10C-508093	*	1775	*	5"	198	190	1200	90	*
130FS08-12A-508110	*	2047	*	5"	198	190	1200	105	*



8" 130 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction /1 = -3 /2 = -2 /3 = -1

8" 140 M³/H - ORDERING INFORMATION

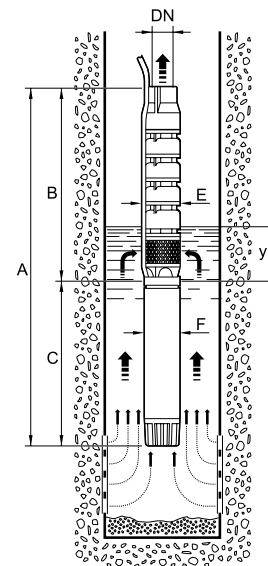
Model	Order No.	kW	HP	Stages	Trim	Motor Size
140FS08-2M-506013	96508140605	13	17.5	2	M	6"
140FS08-2F-506015	96508140610	15	20	2	F	6"
140FS08-2C-506016	96508140615	16.5	22.5	2	C	6"
140FS08-3N-506018	96508140620	18.5	25	3	N	6"
140FS08-3L-506020	96508140625	20	27.5	3	L	6"
140FS08-3B-506026	96508140630	26	35	3	B	6"
140FS08-4E-506030	96508140635	30	40	4	E	6"
140FS08-4C-506033	96508140640	33	45	4	C	6"
140FS08-4D-508033	96508140645	33	45	4	D	8"
140FS08-5F-506037	96508140650	37	50	5	F	6"
140FS08-5G-508037	96508140655	37	50	5	G	8"
140FS08-5E-508040	96508140660	40	55	5	E	8"
140FS08-6F-508045	96508140665	45	60	6	F	8"
140FS08-7G-508051	96508140670	51.5	70	7	G	8"
140FS08-7E-508055	96508140675	55	75	7	E	8"
140FS08-8G-508059	96508140680	59	80	8	G	8"
140FS08-9G-508066	96508140685	66	90	9	G	8"
140FS08-9C-508075	96508140690	75	100	9	C	8"
140FS08-11C-508092	96508140695	92	125	11	C	8"
140FS08-13C-508110	96508140700	110	150	13	C	8"

8" 140 M³/H - HYDRAULIC PERFORMANCE

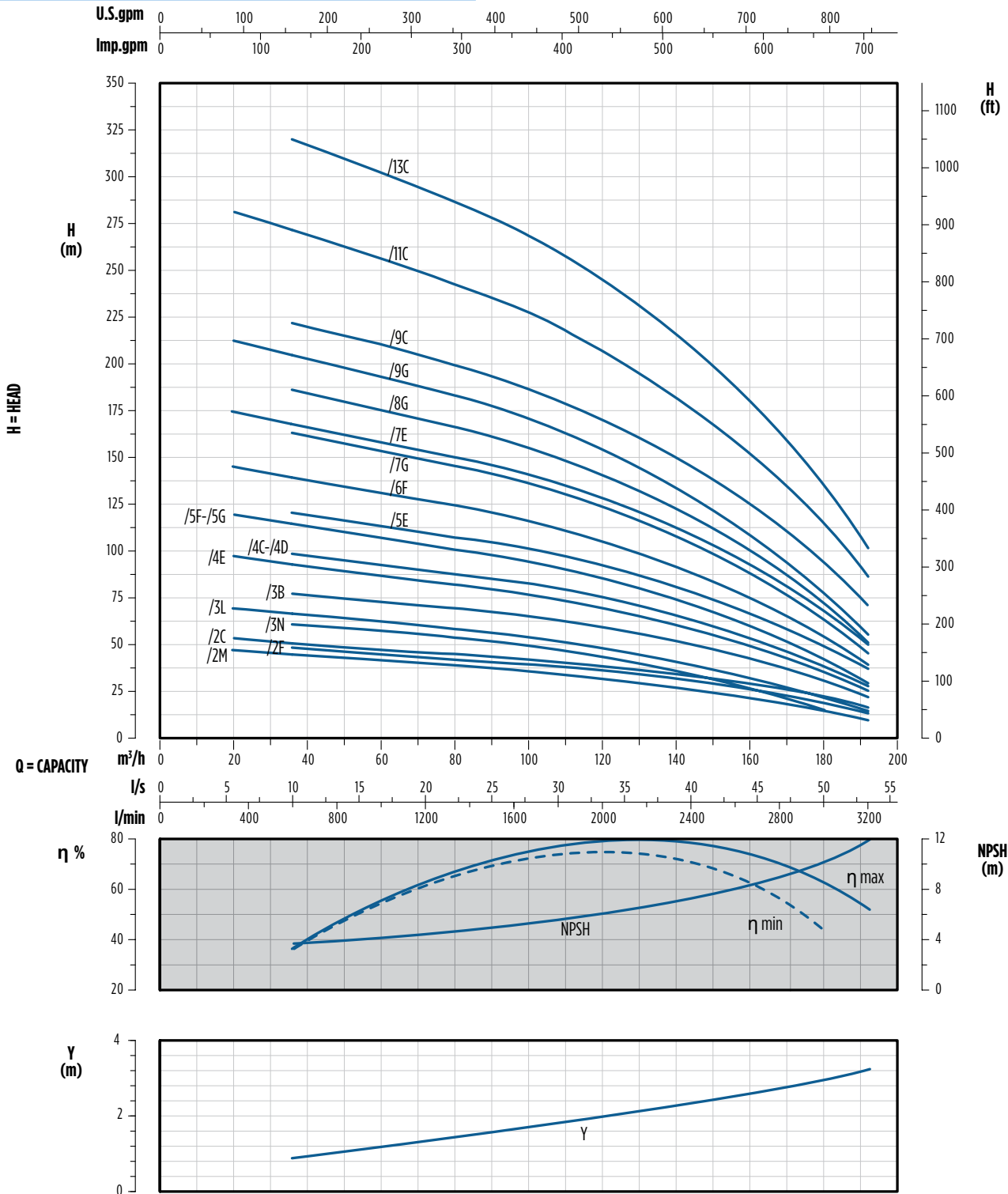
Model	Rated Power		Capacity													
	kW	HP	l/min	0	600	1200	1600	1800	2000	2200	2400	2600	2800	3000	3200	
			m ³ /h	0	36	72	96	108	120	132	144	156	168	180	192	
			l/s	0	10	20	26.7	30	33.3	36.7	40	43.3	46.7	50	53.3	
			Head in Meters (m)	47.5	42	37.5	34.5	33	30.5	28	24.5	20.5	16	12	8.5	
140FS08-2M-506013	13	17.5	52	46	41	38.5	36.5	34.5	32	29	25	21	16.5	12		
140FS08-2F-506015	15	20	55	48.5	43.5	41	39	37	34.5	31	27	23	19	15.5		
140FS08-2C-506016	16.5	22.5	63.5	58.5	53.5	49	45.5	42	37	32	26	20	14	—		
140FS08-3N-506018	18.5	25	70	64	57.5	53	50.5	47	42.5	37.5	31.5	25	19	13.5		
140FS08-3L-506020	20	27.5	82.5	75	68.5	64	61	58	54.5	49.5	43	36	29.5	22		
140FS08-3B-506026	26	35	101	90	82	76.5	72.5	68.5	63	56.5	49.5	41.5	33	24		
140FS08-4E-506030	30	40	106	95	88	82	78	73.5	68	61.5	54	45.5	36.5	26.5		
140FS08-4C-506033	33	45	106	95	88	82	78	73.5	68	61.5	54	45.5	36.5	26.5		
140FS08-4D-508033	33	45	121.5	111	101.5	94	89	84	77.5	69	60	50	39.5	28		
140FS08-5F-506037	37	50	121.5	111	101.5	94	89	84	77.5	69	60	50	39.5	28		
140FS08-5G-508037	37	50	128.5	118	108	100	95.5	90.5	84.5	77	68	58.5	47.5	35.5		
140FS08-5E-508040	40	55	151	135.5	125	116	110.5	104	96.5	86.5	76	64	51.5	38		
140FS08-6F-508045	45	60	176	159.5	147	137	130.5	123	114	102	89	75	60	44.5		
140FS08-7E-508055	55	75	181	164	151.5	141.5	135.5	128	119	107	94	80	65	49.5		
140FS08-8G-508059	59	80	201.5	182	168	156.5	149.5	140.5	130	117	102	85.5	68.5	51		
140FS08-9G-508066	66	90	220	200.5	185	171.5	163	153.5	141.5	127	110.5	93	74	54		
140FS08-9C-508075	75	100	238	219.5	201.5	187	178.5	169	158	143.5	128	110.5	91	69.5		
140FS08-11C-508092	92	125	291	268.5	246.5	228.5	218	206.5	193	175.5	156.5	135	111	85		
140FS08-13C-508110	110	150	343.5	317	291	270	258	244	228	207.5	185	159.5	131.5	100.5		

8" 140 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					GAS	Ø MAX
140FS08-2M-506013	*	729	*	5"	196	142	1200	36	*
140FS08-2F-506015	*	729	*	5"	196	142	1200	36	*
140FS08-2C-506016	*	729	*	5"	196	142	1200	36	*
140FS08-3N-506018	*	886	*	5"	196	142	1200	46	*
140FS08-3L-506020	*	886	*	5"	196	142	1200	46	*
140FS08-3B-506026	*	886	*	5"	196	142	1200	46	*
140FS08-4E-506030	*	1043	*	5"	196	142	1200	56	*
140FS08-4C-506033	*	1043	*	5"	198	142	1200	56	*
140FS08-4D-508033	*	1043	*	5"	198	190	1200	56	*
140FS08-5F-506037	*	1200	*	5"	198	142	1200	66	*
140FS08-5G-508037	*	1200	*	5"	198	190	1200	66	*
140FS08-5E-508040	*	1200	*	5"	198	190	1200	66	*
140FS08-6F-508045	*	1357	*	5"	198	190	1200	76	*
140FS08-7E-508051	*	1514	*	5"	198	190	1200	86	*
140FS08-7E-508055	*	1514	*	5"	198	190	1200	86	*
140FS08-8G-508059	*	1671	*	5"	198	190	1200	96	*
140FS08-9G-508066	*	1828	*	5"	200	190	1200	106	*
140FS08-9C-508075	*	1828	*	5"	200	190	1200	106	*
140FS08-11C-508092	*	2142	*	5"	202	190	1200	126	*
140FS08-13C-508110	*	2456	*	5"	202	190	1200	146	*



8" 140 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Efficiency reduction /2 = -2 /3 = -1 /4 = -
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C

10" 180 M³/H - ORDERING INFORMATION

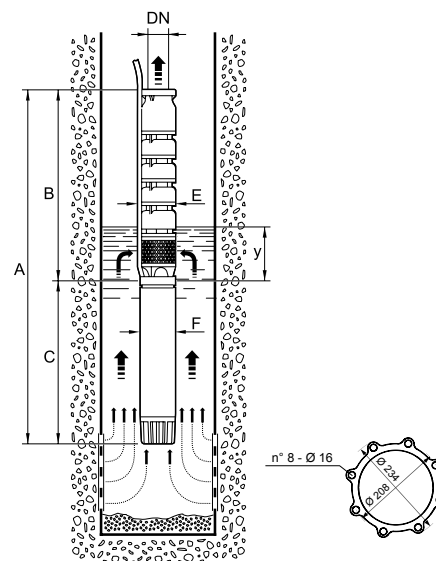
Model	Order No.	kW	HP	Stages	Trim	Motor Size
180FS10-1I-506018	96510180605	18.5	25	1	I	6"
180FS10-1D-506022	96510180610	22	30	1	D	6"
180FS10-2O-506030	96510180612	30	40	2	O	6"
180FS10-2H-508037	96510180615	37	50	2	H	8"
180FS10-2C-508045	96510180620	45	60	2	C	8"
180FS10-3H-508055	96510180630	55	75	3	H	8"
180FS10-4G-508075	96510180635	75	100	4	G	8"
180FS10-4B-508093	96510180640	93	125	4	B	8"
180FS10-5D-510110	96510180645	110	150	5	D	10"
180FS10-6D-510130	96510180650	130	175	6	D	10"
180FS10-7E-510150	96510180655	150	200	7	E	10"
180FS10-9F-510185	96510180660	185	250	9	F	10"

10" 180 M³/H - HYDRAULIC PERFORMANCE

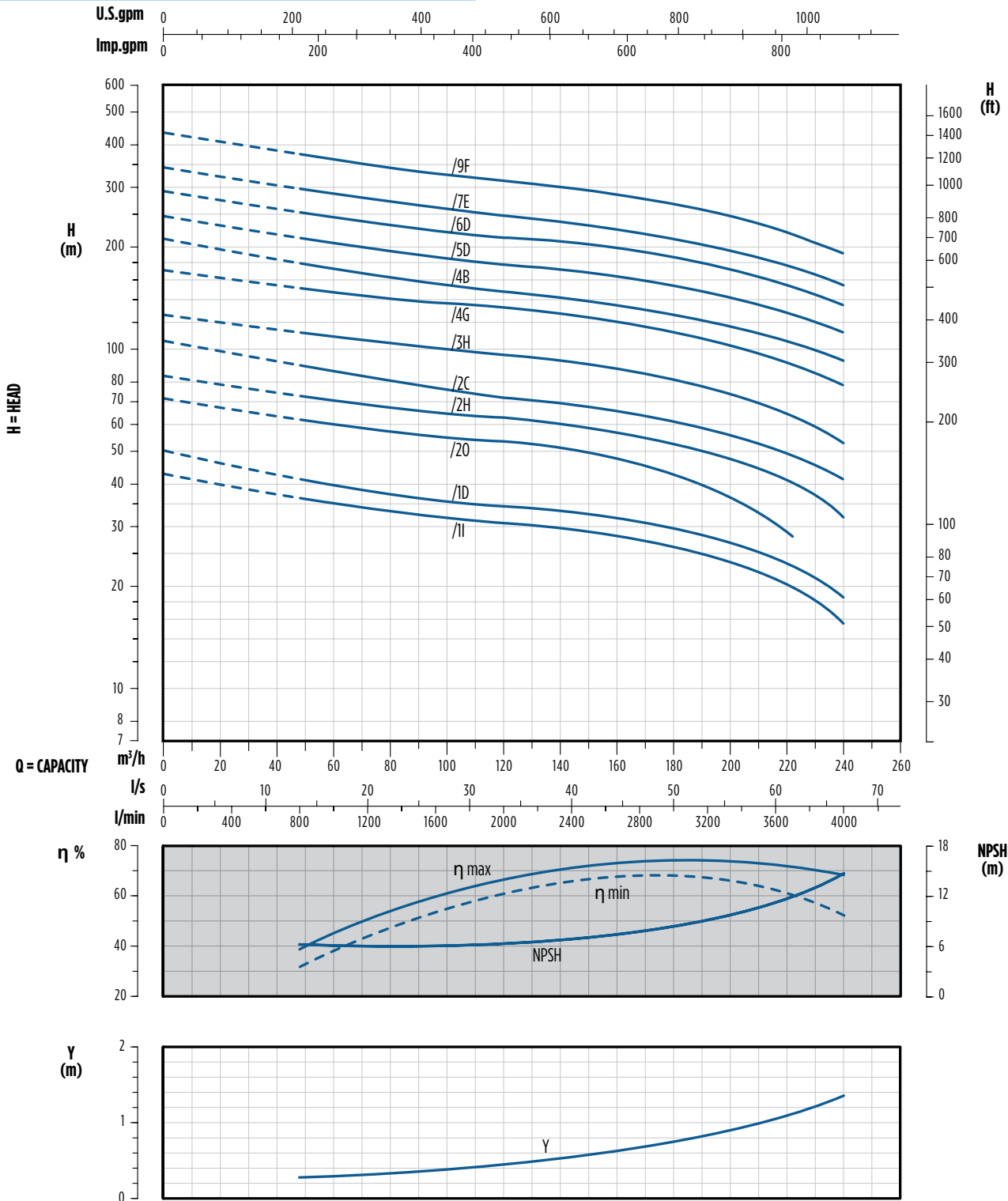
Model	Rated Power		Capacity												
	kW	HP	l/min	0	800	1700	1800	1900	2000	2200	2400	2600	2800	3000	3200
			m ³ /h	0	48	102	108	114	120	132	144	156	168	180	192
			l/s	0	13.3	28.3	30	31.7	33.3	36.7	40	43.3	46.7	50	53.3
			Head in Meters (m)	43	36	34	32	31	30	29	27.5	26	23	20	15.5
180FS10-1I-506018	18.5	25		50	40.5	38	36	35	33.5	32.5	31	30	26.5	23	18.5
180FS10-1D-506022	22	30		73	62	59	56	55	52	49.5	46	43.5	35.5	28	—
180FS10-2O-506030	30	40		84	73	69	66	64	62	59	56	53	46.5	40	32
180FS10-2H-508037	37	50		106	88	82	77	74	70	67	64	62	56	49	41
180FS10-2C-508045	45	60		127	111	106	101	98	95	91	86	83	73	64	53
180FS10-3H-508055	55	75		173	151	144	138	134	129	124	117	113	101	91	79
180FS10-4G-508075	75	100		213	180	168	159	152	146	140	133	129	117	107	95
180FS10-4B-508093	93	125		249	212	200	189	182	176	169	161	156	141	128	113
180FS10-5D-510110	110	150		300	255	240	227	219	211	203	193	187	169	154	136
180FS10-6D-510130	130	175		345	294	277	262	252	243	233	223	215	195	176	155
180FS10-7E-510150	150	200		435	369	347	329	317	305	292	279	269	242	219	191
180FS10-9F-510185	185	250													

10" 180 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					Pump	Motor
180FS10-1I-506018	*	687	*	6"	243	142	6000	47	*
180FS10-1D-506022	*	687	*	6"	243	142	6000	47	*
180FS10-2O-506030	*	867	*	6"	243	142	6000	64	*
180FS10-2H-508037	*	867	*	6"	243	190	6000	64	*
180FS10-2C-508045	*	867	*	6"	243	190	6000	64	*
180FS10-3H-508055	*	1047	*	6"	243	190	6000	80	*
180FS10-4G-508075	*	1227	*	6"	243	190	6000	96	*
180FS10-4B-508093	*	1227	*	6"	243	190	6000	96	*
180FS10-5D-510110	*	1490	*	6"	243	237	6000	121	*
180FS10-6D-510130	*	1670	*	6"	243	237	6000	137	*
180FS10-7E-510150	*	1850	*	6"	243	237	6000	153	*
180FS10-9F-510185	*	2210	*	6"	243	237	6000	185	*



10" 180 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction
/1 = -3 /2 = -2 /3 = -1

10" 200 M³/H - ORDERING INFORMATION

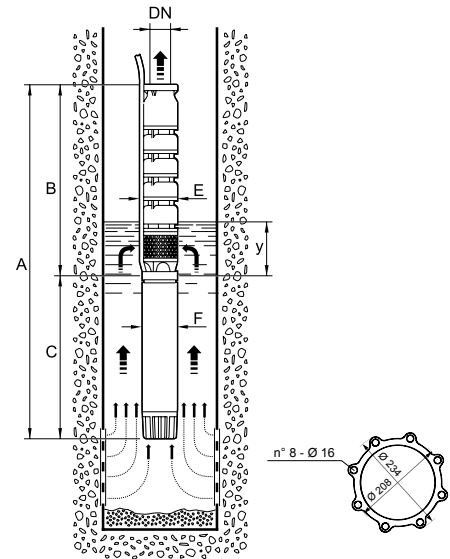
Model	Order No.	kW	HP	Stages	Trim	Motor Size
200FS10-1D-506018	96510200605	18.5	25	1	D	6"
200FS10-2H-508030	96510200610	30	40	2	H	8"
200FS10-2D-508037	96510200615	37	50	2	D	8"
200FS10-3I-508045	96510200620	45	60	3	I	8"
200FS10-3D-508055	96510200625	55	75	3	D	8"
200FS10-4C-508075	96510200630	75	100	4	C	8"
200FS10-5E-508093	96510200635	93	125	5	E	8"
200FS10-6D-510110	96510200640	110	150	6	D	10"
200FS10-7C-510130	96510200645	130	175	7	C	10"
200FS10-8C-510150	96510200650	150	200	8	C	10"
200FS10-10C-510185	96510200655	185	250	10	C	10"

10" 200 M³/H - HYDRAULIC PERFORMANCE

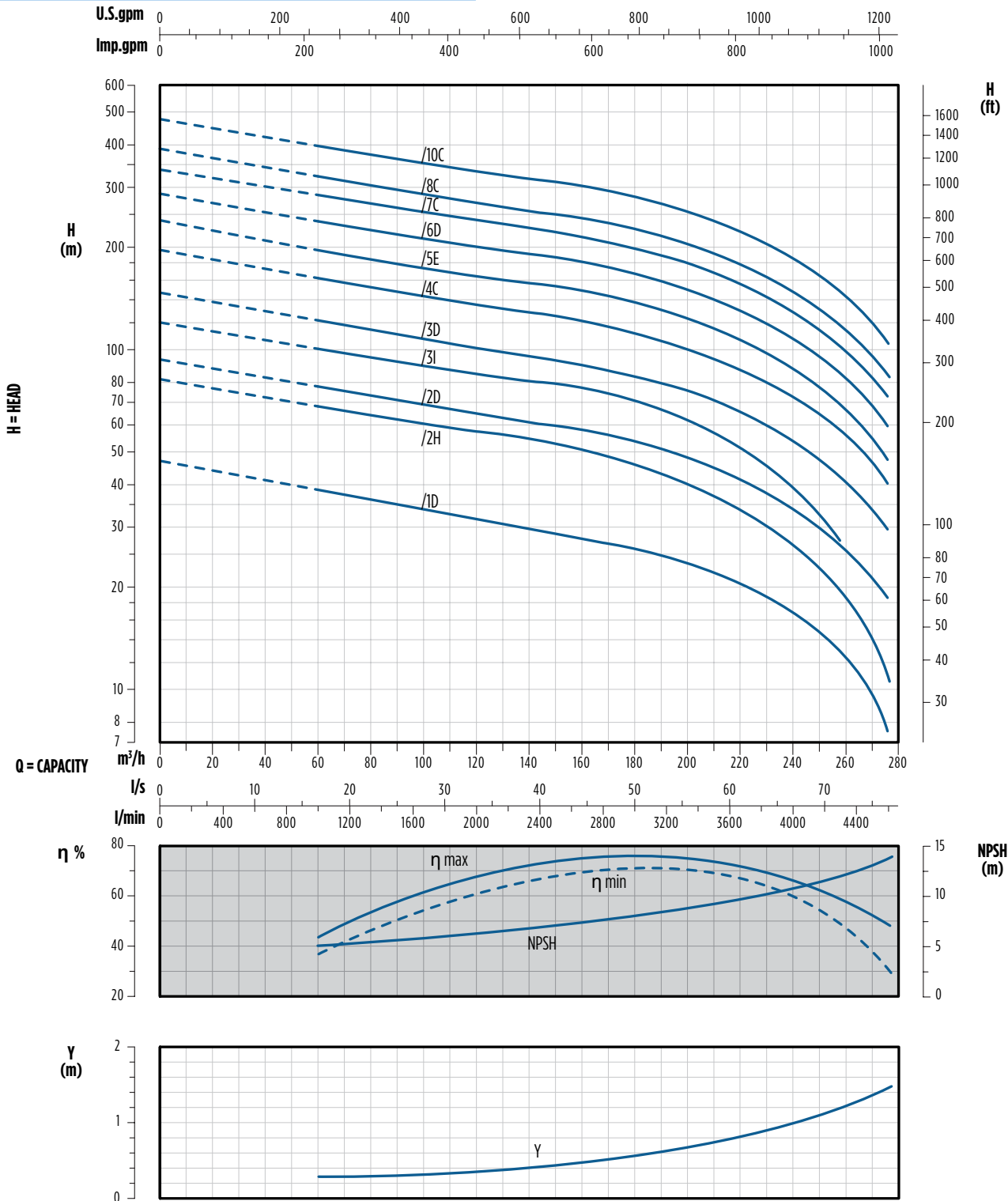
Model	Rated Power		Capacity													
			l/min	0	1000	1800	2200	2500	2800	3100	3300	3500	3700	4000	4300	4600
	m ³ /h	0		60	108	132	150	168	186	198	210	222	240	258	276	
	l/s	0		16.6	30	36.6	41.6	46.6	51.6	55	58.3	61.6	66.6	71.6	76.6	
200FS10-1D-506018	18.5	25	Head in Meters (m)	47	38	32.5	30	28.5	26.5	25	23.5	22	20	17	13	7.5
200FS10-2H-508030	30	40		82	68	60	56	53	49	45	41.5	38	33.5	27	19	10.5
200FS10-2D-508037	37	50		96	78	67	63	60	56	52	49	45	41	34	26.5	18.5
200FS10-3I-508045	45	60		120	101	89	84	79	74	68	63	57	51	39.5	27.5	—
200FS10-3D-508055	55	75		145	119	104	97	93	88	82	77	71	65	55	42.5	29.5
200FS10-4C-508075	75	100		195	160	140	132	125	118	110	104	97	89	75	58	40
200FS10-5E-508093	93	125		238	196	170	160	152	144	134	126	117	106	89	69	47
200FS10-6D-510110	110	150		289	238	207	195	185	175	163	154	143	130	109	85	59
200FS10-7C-510130	130	175		340	281	244	230	219	207	193	182	169	155	130	103	72
200FS10-8C-510150	150	200		389	321	279	263	250	236	221	208	193	177	149	117	83
200FS10-10C-510185	185	250		486	393	349	328	312	295	276	260	242	221	186	147	103

10" 200 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					Ø	Ø MAX
200FS10-1D-506018	*	687	*	6"	243	142	4000	47	*
200FS10-2H-508030	*	867	*	6"	243	142	4000	63	*
200FS10-2D-508037	*	867	*	6"	243	190	4000	64	*
200FS10-3I-508045	*	1047	*	6"	243	190	4000	80	*
200FS10-3D-508055	*	1047	*	6"	243	190	4000	80	*
200FS10-4C-508075	*	1227	*	6"	243	190	4000	96	*
200FS10-5E-508093	*	1407	*	6"	243	190	4000	112	*
200FS10-6D-510110	*	1670	*	6"	243	237	4000	137	*
200FS10-7C-510130	*	1850	*	6"	243	237	4000	153	*
200FS10-8C-510150	*	2030	*	6"	243	237	4000	169	*
200FS10-10C-510185	*	2390	*	6"	243	237	4000	201	*



10" 200 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction /1 = -3 /2 = -2 /3 = -1

10" 260 M³/H - ORDERING INFORMATION

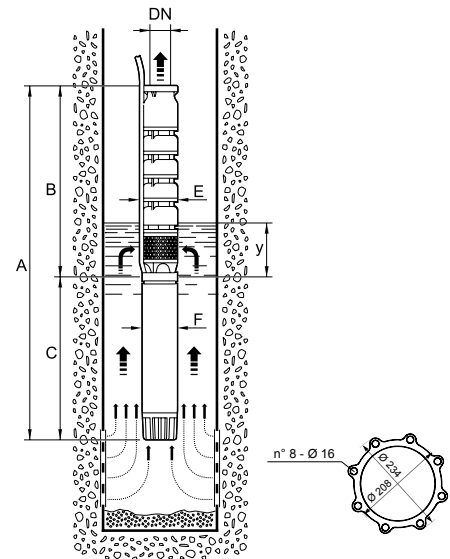
Model	Order No.	kW	HP	Stages	Trim	Motor Size
260FS10-1B-506030	96510260605	30	40	1	B	6"
260FS10-2P-508037	96510260610	37	50	2	P	8"
260FS10-2I-508045	96510260615	45	60	2	I	8"
260FS10-2C-508055	96510260620	55	75	2	C	8"
260FS10-3E-508075	96510260625	75	100	3	E	8"
260FS10-4G-508093	96510260630	93	125	4	G	8"
260FS10-4C-510110	96510260635	110	150	4	C	10"
260FS10-5D-510130	96510260640	130	175	5	D	10"
260FS10-6D-510150	96510260645	150	200	6	D	10"
260FS10-7D-510185	96510260650	185	250	7	D	10"

10" 260 M³/H - HYDRAULIC PERFORMANCE

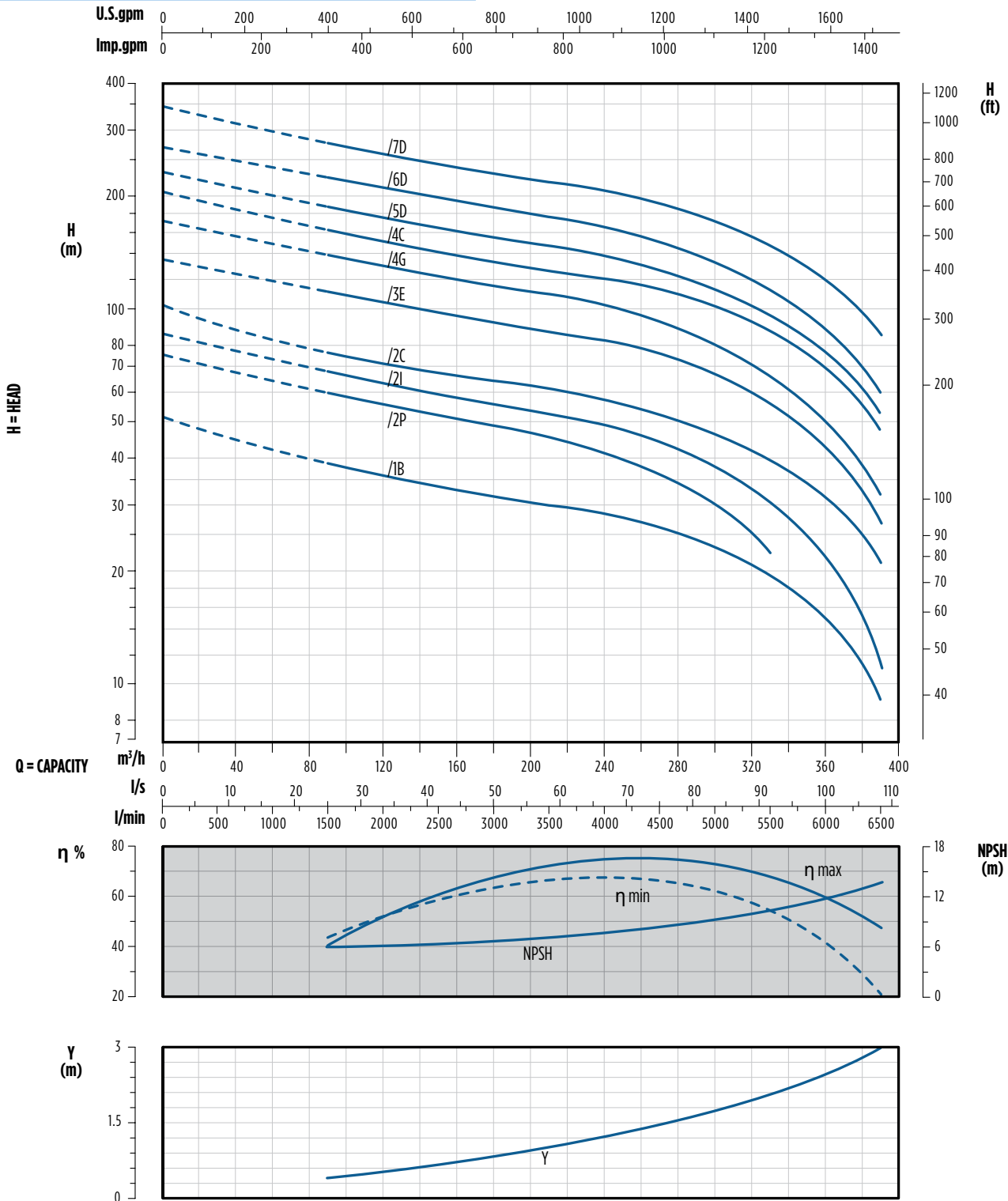
Model	Rated Power		Capacity													
			l/min	0	1500	2000	2500	3000	3500	4000	4500	4750	5000	5500	6000	6500
	kW	HP	m ³ /h	0	90	120	150	180	210	240	270	285	300	330	360	390
			l/s	0	25	33.3	41.6	50	58.3	66.6	75	79.1	83.3	91.6	100	108.3
260FS10-1B-506030	30	40	Head in Meters (m)	52	38	35.5	33.5	31.5	29.5	28	26	24.5	23	19.5	15	9
260FS10-2P-508037	37	50		76	59	55	52	48.5	45	41	36.5	33.5	30	22	—	—
260FS10-2I-508045	45	60		85	67	63	59	56	53	48.5	43.5	41	37.5	30.5	21.5	11
260FS10-2C-508055	55	75		101	77	72	68	64	61	57	53	50	47	40	31.5	21
260FS10-3E-508075	75	100		135	109	103	98	93	88	83	76	72	67	57	43	27
260FS10-4G-508093	93	125		171	137	130	123	117	110	103	93	88	82	67	50	32
260FS10-4C-510110	110	150		204	160	150	142	135	128	121	112	107	101	88	70	48
260FS10-5D-510130	130	175		228	184	174	166	157	149	140	128	122	114	97	75	53
260FS10-6D-510150	150	200		274	221	209	199	189	179	168	154	146	137	116	90	60
260FS10-7D-510185	185	250		349	273	257	243	230	218	205	190	181	171	148	119	84

10" 260 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					Pump	Motor
260FS10-1B-506030	*	687	*	6"	243	142	4000	47	*
260FS10-2P-508037	*	867	*	6"	243	190	4000	64	*
260FS10-2I-508045	*	867	*	6"	243	190	4000	64	*
260FS10-2C-508055	*	867	*	6"	243	190	4000	64	*
260FS10-3E-508075	*	1047	*	6"	243	190	4000	80	*
260FS10-4G-508093	*	1227	*	6"	243	190	4000	96	*
260FS10-4C-510110	*	1310	*	6"	243	237	4000	105	*
260FS10-5D-510130	*	1490	*	6"	243	237	4000	121	*
260FS10-6D-510150	*	1670	*	6"	243	237	4000	137	*
260FS10-7D-510185	*	1850	*	6"	243	237	4000	153	*



10" 260 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction /1 = -3 /2 = -2 /3 = -1

10" 295 M³/H - ORDERING INFORMATION

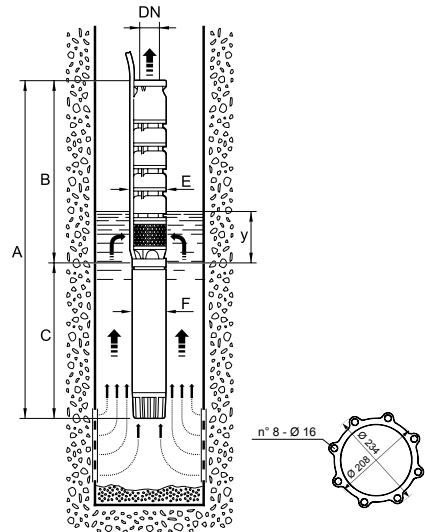
Model	Order No.	kW	HP	Stages	Trim	Motor Size
295FS10-10-506022	96510295605	22	30	1	O	6"
295FS10-1M-506026	96510295610	26	35	1	M	6"
295FS10-1F-506030	96510295615	30	40	1	F	6"
295FS10-1D-506033	96510295620	33	45	1	D	6"
295FS10-1B-508037	96510295625	37	50	1	B	8"
295FS10-2P-508040	96510295630	40	55	2	P	8"
295FS10-2N-508045	96510295635	45	60	2	N	8"
295FS10-2M-508052	96510295640	52	70	2	M	8"
295FS10-2H-508055	96510295645	55	75	2	H	8"
295FS10-2D-508059	96510295650	59	80	2	D	8"
295FS10-3I-508075	96510295655	75	100	3	I	8"
295FS10-3C-508092	96510295660	92	125	3	C	8"
295FS10-4G-510110	96510295665	110	150	4	G	10"
295FS10-4B-510130	96510295670	130	175	4	B	10"
295FS10-5L-510130	96510295675	130	175	5	L	10"
295FS10-5E-510150	96510295680	150	200	5	E	10"
295FS10-6G-510170	96510295685	170	230	6	G	10"
295FS10-7L-510185	96510295690	185	250	7	L	10"

10" 295 M³/H - HYDRAULIC PERFORMANCE

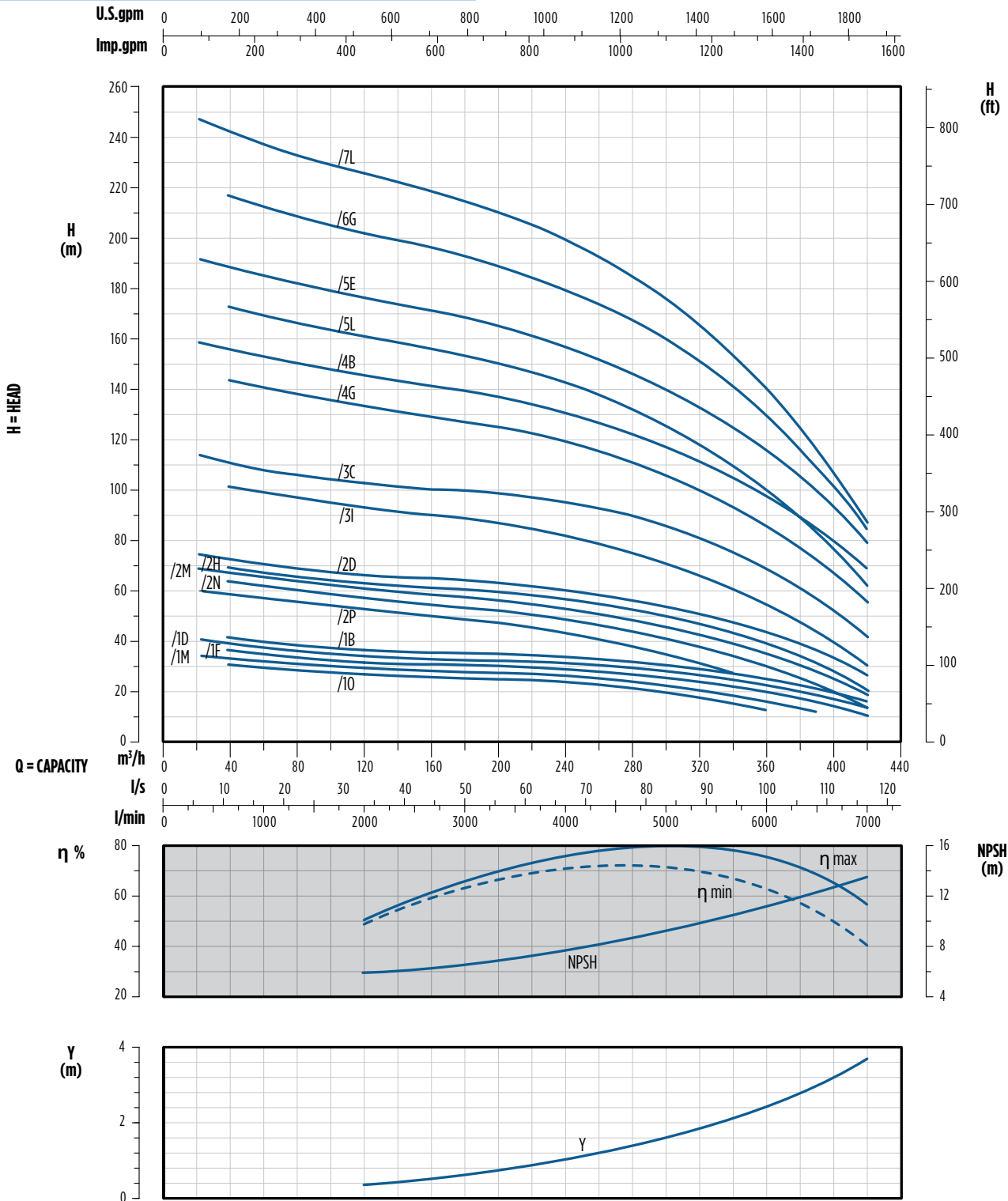
Model	Rated Power		Capacity												
	kW	HP	l/min	0	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
			m ³ /h	0	120	150	180	210	240	270	300	330	360	390	420
			l/s	0	33.3	41.6	50	58.3	66.6	75	83.3	91.6	100	108.3	116.6
			Head in Meters (m)	34	27.5	26.5	25.5	24.5	23.5	22	20	16.5	12.5	—	—
295FS10-10-506022	22	30	34	27.5	26.5	25.5	24.5	23.5	22	20	16.5	12.5	—	—	
295FS10-1M-506026	26	35	36	29.5	28.5	27.5	27	26	25	22.5	19.5	16	12.5	—	
295FS10-1F-506030	30	40	40	32.5	31	30	29.5	28.5	27.5	26	23	19.5	15.5	10.5	
295FS10-1D-506033	33	45	43.5	34.5	33	32	31.5	31	30.5	29	26	22.5	18.5	14	
295FS10-1B-508037	37	50	46	37	35	34.5	33.5	33	32.5	31	28.5	25	21	16.5	
295FS10-2P-508040	40	55	62	52	50.5	49	47	44	40.5	35.5	29	22	—	—	
295FS10-2N-508045	45	60	67.5	57.5	55.5	53.5	51.5	49	45.5	41.5	36	29.5	22.5	14	
295FS10-2M-508052	52	70	71	61	59	57.5	55.5	53.5	50.5	46.5	41	34	27	19.5	
295FS10-2H-508055	55	75	72	64	61.5	60	58.5	56.5	54	50.5	45.5	38.5	31	21	
295FS10-2D-508059	59	80	77	67	65	63.5	62	60.5	58	54.5	49.5	43	35.5	27	
295FS10-3I-508075	75	100	106	93.5	90.5	88	85.5	82	77.5	71.5	63	53.5	42.5	31.5	
295FS10-3C-508092	92	125	117.5	104.5	102	99	96	94	91	86	79.5	70	57	41	
295FS10-4G-510110	110	150	150	134.5	130	126.5	123	119	113.5	106.5	96.5	84.5	71	56	
295FS10-4B-510130	130	175	162	147	142.5	138.5	135	130.5	125.5	118.5	108.5	96.5	84.5	69.5	
295FS10-5L-510130	130	175	181	162	157	152.5	148	142.5	136	127	114.5	99	81.5	63	
295FS10-5E-510150	150	200	196	177.5	172	167	162.5	157	150.5	141.5	129	114.5	98	79.5	
295FS10-6G-510170	170	230	225	201.5	195.5	190	184.5	178	170	160	145	127	106	83.5	
295FS10-7L-510185	185	250	253.5	227	219.5	213.5	207	199.5	190	178	160	138.5	114.5	88.5	

10" 295 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					Pump	Motor
295FS10-10-506022	*	703	*	6"	247	142	2000	49	*
295FS10-1M-506026	*	703	*	6"	247	142	2000	49	*
295FS10-1F-506030	*	703	*	6"	247	142	2000	49	*
295FS10-1D-506033	*	703	*	6"	247	142	2000	49	*
295FS10-1B-508037	*	703	*	6"	249	190	2000	49	*
295FS10-2P-508040	*	898	*	6"	249	190	2000	68	*
295FS10-2N-508045	*	898	*	6"	249	190	2000	68	*
295FS10-2M-508052	*	898	*	6"	249	190	2000	68	*
295FS10-2H-508055	*	898	*	6"	249	190	2000	68	*
295FS10-2D-508059	*	898	*	6"	249	190	2000	68	*
295FS10-3I-508075	*	1177	*	6"	249	190	2000	88	*
295FS10-3C-508092	*	1177	*	6"	249	190	2000	88	*
295FS10-4G-510110	*	1372	*	6"	249	237	2000	117	*
295FS10-4B-510130	*	1372	*	6"	249	237	2000	117	*
295FS10-5L-510130	*	1568	*	6"	249	237	2000	137	*
295FS10-5E-510150	*	1568	*	6"	249	237	2000	137	*
295FS10-6G-510170	*	1763	*	6"	249	237	2000	157	*
295FS10-7L-510185	*	1959	*	6"	249	237	2000	177	*



10" 295 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction
/1 = -3 /2 = -2 /3 = -1

12" 300 M³/H - ORDERING INFORMATION

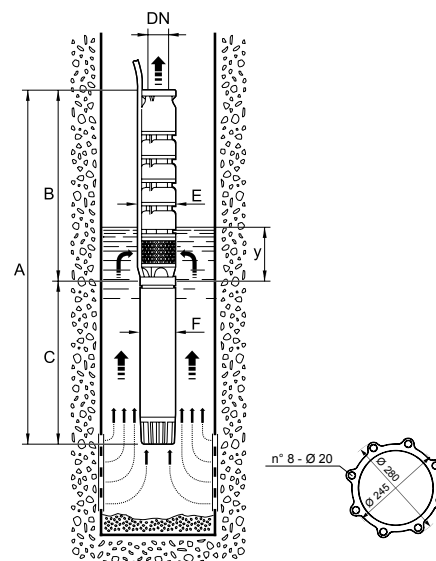
Model	Order No.	kW	HP	Stages	Trim	Motor Size
300FS12-1B-508045	96512300605	45	60	1	B	8"
300FS12-1A-508055	96512300610	55	75	1	A	8"
300FS12-2C-508075	96512300615	75	100	2	C	8"
300FS12-2B-508093	96512300620	93	125	2	B	8"
300FS12-2A-510110	96512300625	110	150	2	A	10"
300FS12-3B-510130	96512300630	130	175	3	B	10"
300FS12-3A-510150	96512300635	150	200	3	A	10"
300FS12-4A-510185	96512300640	185	250	4	A	10"
300FS12-5B-512220	96512300645	220	300	5	B	12"
300FS12-5A-512250	96512300650	250	335	5	A	12"

12" 300 M³/H - HYDRAULIC PERFORMANCE

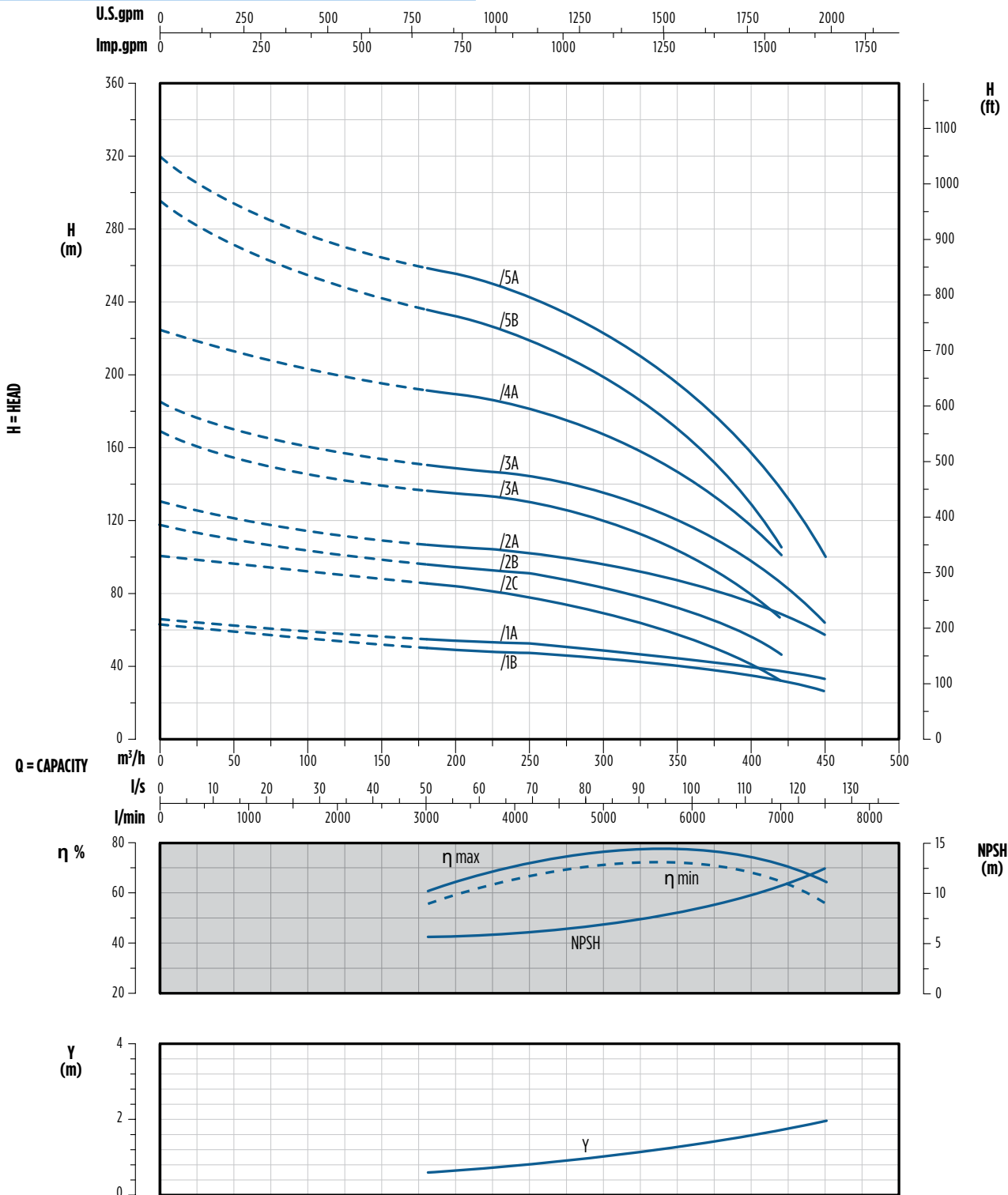
Model	Rated Power		Head in Meters (m)	Capacity													
	kW	HP		l/min	0	3000	3500	4000	4500	4750	5000	5250	5500	6000	6500	7000	7500
				m ³ /h	0	180	210	240	270	285	300	315	330	360	390	420	450
			l/s	0	50	58.3	66.6	75	79.1	83.3	87.5	91.6	100	108.3	116.6	125	
300FS12-1B-508045	45	60	56	46	44.5	43	41.5	40.5	39.5	38	36.5	33.5	29.5	25	20		
300FS12-1A-508055	55	75	63	51	49.5	48	46.5	46	45	44	42.5	39	35.5	31	26		
300FS12-2C-508075	75	100	101	85	83	79	75	73	70	67	63	54	43.5	33	—		
300FS12-2B-508093	93	125	118	98	95	92	89	87	84	81	78	69	59	47	—		
300FS12-2A-510110	110	150	131	108	105	103	100	98	97	95	92	86	78	69	58		
300FS12-3B-510130	130	175	169	139	134	130	125	122	120	117	112	102	87	65	—		
300FS12-3A-510150	150	200	185	154	149	144	140	137	134	131	127	118	105	87	62		
300FS12-4A-510185	185	250	225	193	188	183	176	172	167	162	156	140	123	102	—		
300FS12-5B-512220	220	300	296	238	230	222	214	20	202	193	184	164	138	105	—		
300FS12-5A-512250	250	335	320	259	252	245	236	231	225	218	208	188	167	138	100		

12" 300 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					Pump	Motor
260FS10-1B-506030	*	876	*	7"	298	190	2500	99	*
260FS10-2P-508037	*	876	*	7"	298	190	2500	99	*
260FS10-2I-508045	*	1076	*	7"	298	190	2500	129	*
260FS10-2C-508055	*	1076	*	7"	298	190	2500	129	*
260FS10-3E-508075	*	1076	*	7"	298	237	2500	129	*
260FS10-4G-508093	*	1276	*	7"	298	237	2500	158	*
260FS10-4C-510110	*	1276	*	7"	298	237	2500	158	*
260FS10-5D-510130	*	1476	*	7"	298	237	2500	188	*
260FS10-6D-510150	*	1676	*	7"	298	286	2500	217	*
260FS10-7D-510185	*	1676	*	7"	298	286	2500	217	*



12" 300 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction /1 = -3 /2 = -2 /3 = -1

12" 400 M³/H - ORDERING INFORMATION

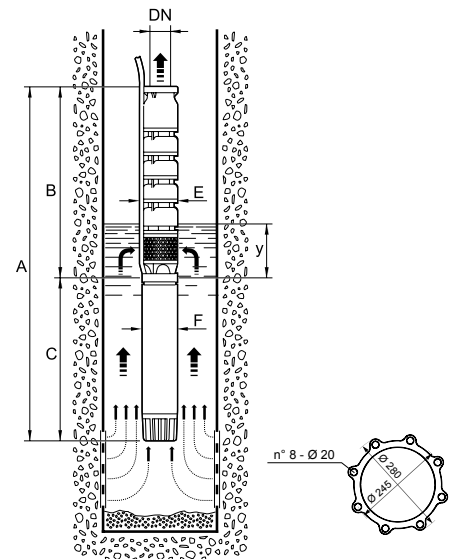
Model	Order No.	kW	HP	Stages	Trim	Motor Size
400FS12-1B-508045	96512400605	45	60	1	B	8"
400FS12-1A-508055	96512400610	55	75	1	A	8"
400FS12-2B-508093	96512400615	93	125	2	B	8"
400FS12-2A-510110	96512400620	110	150	2	A	10"
400FS12-3B-510130	96512400625	130	175	3	B	10"
400FS12-3A-510150	96512400630	150	200	3	A	10"
400FS12-4B-510185	96512400635	185	250	4	B	10"
400FS12-4A-512220	96512400640	220	300	4	A	12"
400FS12-5A-512250	96512400645	250	335	5	A	12"

12" 400 M³/H - HYDRAULIC PERFORMANCE

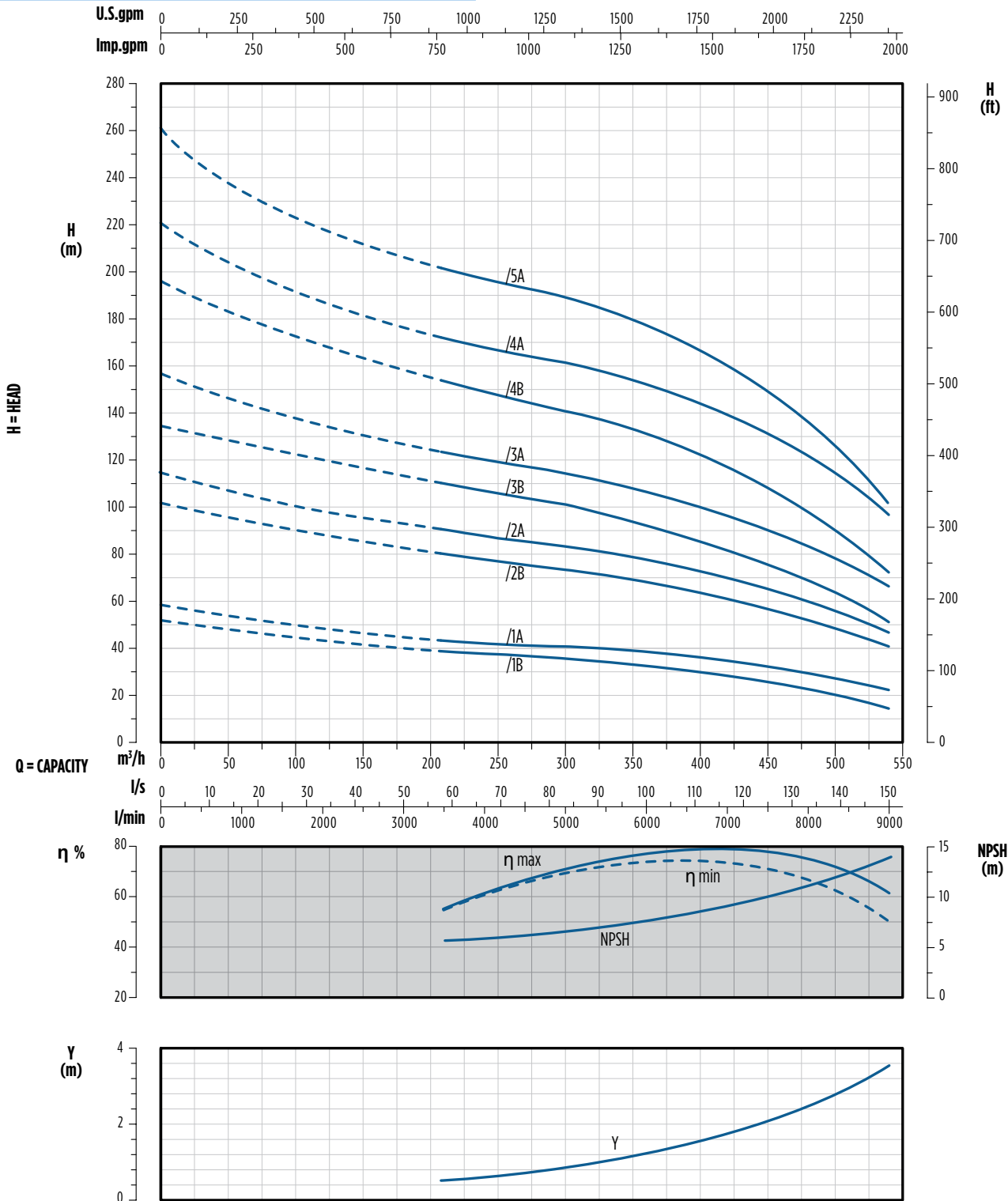
Model	Rated Power		Capacity													
			l/min m ³ /h l/s	0	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000
	kW	HP		0	210	240	270	300	330	360	390	420	450	480	510	540
	Head in Meters (m)	0		58.3	66.6	75	83.3	91.6	100	108.3	116.6	125	133.3	141.6	150	
400FS12-1B-508045	45	60	52	39.5	38	36.5	35	34	32.5	30.5	28.5	26	22.5	19	14	
400FS12-1A-508055	55	75	59	44.5	43	41.5	40	39	38	36.5	35	32.5	30	26.5	22	
400FS12-2B-508093	93	125	102	81	78	76	73	71	68	65	61	56	52	46	40.5	
400FS12-2A-510110	110	150	115	91	88	86	83	81	78	75	71	66	61	54	46	
400FS12-3B-510130	130	175	134	111	108	104	101	97	93	88	82	76	68	60	51	
400FS12-3A-510150	150	200	157	124	121	117	114	110	107	103	97	91	84	76	67	
400FS12-4B-510185	185	250	196	154	150	145	141	136	130	124	117	108	97	86	72	
400FS12-4A-512220	220	300	221	174	169	165	161	157	152	147	140	131	122	111	96	
400FS12-5A-512250	250	335	261	204	198	193	187	182	177	171	162	152	139	122	100	

12" 400 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN Ø	E Ø MAX	F	y	Wt. (kg)	
	A	B	C					Pump	Motor
400FS12-1B-508045	*	876	*	7"	298	190	2500	96	*
400FS12-1A-508055	*	876	*	7"	298	190	2500	96	*
400FS12-2B-508093	*	1076	*	7"	298	190	2500	123	*
400FS12-2A-510110	*	1076	*	7"	298	237	2500	123	*
400FS12-3B-510130	*	1276	*	7"	298	237	2500	149	*
400FS12-3A-510150	*	1276	*	7"	298	237	2500	149	*
400FS12-4B-510185	*	1476	*	7"	298	237	2500	176	*
400FS12-4A-512220	*	1476	*	7"	298	286	2500	176	*
400FS12-5A-512250	*	1676	*	7"	298	286	2500	203	*



12" 400 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction /1 = -2 /2 = -1 /3 = -

14" 600 M³/H - ORDERING INFORMATION

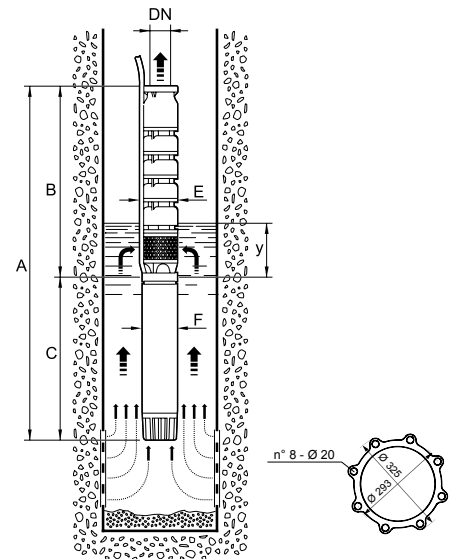
Model	Order No.	kW	HP	Stages	Trim	Motor Size
600FS14-1D-508075	96514600605	75	100	1	D	8"
600FS14-1C-508093	96514600610	93	125	1	C	8"
600FS14-1B-510110	96514600615	110	150	1	B	10"
600FS14-1A-510130	96514600620	130	175	1	A	10"
600FS14-2C-510150	96514600625	150	200	2	C	10"
600FS14-2B-510185	96514600630	185	250	2	B	10"
600FS14-2A-510185	96514600635	185	250	2	A	10"
600FS14-3C-512220	96514600640	220	300	3	C	12"
600FS14-3B-512250	96514600645	250	340	3	B	12"
600FS14-3A-512300	96514600650	300	400	3	A	12"

14" 600 M³/H - HYDRAULIC PERFORMANCE

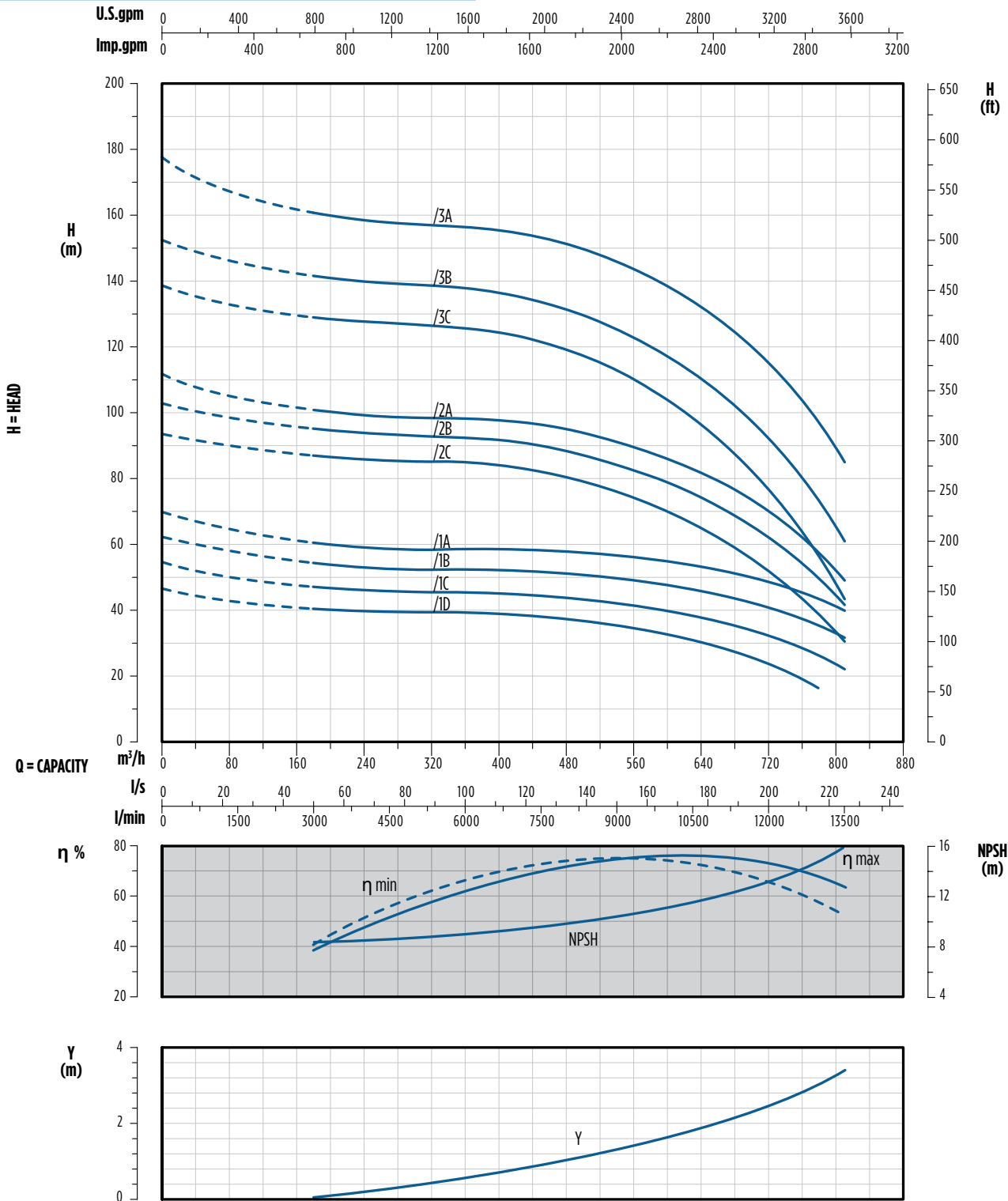
Model	Rated Power		Capacity												
	kW	HP	l/min	0	3000	5000	6000	7000	8000	9000	10000	11000	12000	13000	13500
			m ³ /h	0	180	300	360	420	480	540	600	660	720	780	810
			l/s	0	50	83.3	100	116.6	133.3	150	166.6	183.3	200	216.6	225
			Head in Meters (m)	54	45	41	39.5	38.5	37	35	32	28	23	17.5	—
600FS14-1D-508075	75	100		61	51.5	47	45.5	44	43	41.5	39.5	36	32	26	22.5
600FS14-1C-508093	93	125		68.5	59	54	52.5	51	50	48.5	47	45	41	35.5	31.5
600FS14-1B-510110	110	150		76	66	60.5	58.5	57	56.5	55.5	54	52.5	49	43.5	39.5
600FS14-1A-510130	130	175		105.5	95	88	85.5	82.5	79.5	75	69.5	61.5	51.5	39	31
600FS14-2C-510150	150	200		115	102	96	93.5	91	88	84	78.5	70.5	61	49.5	43
600FS14-2B-510185	185	250		124	108	101.5	99.5	97	94.5	90.5	85.5	78	68.5	57	50.5
600FS14-2A-510185	185	250		157.5	139.5	131.5	128	123.5	118.5	111.5	102	90	74.5	56.5	45.5
600FS14-3C-512220	220	300		171	151.5	143	139.5	135.5	130.5	124	116	104	90	73	63
600FS14-3B-512250	250	340		196	171	161.5	158	154.5	150	144.5	137.5	126.5	113	97	86.5
600FS14-3A-512300	300	400													

14" 600 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					Pump	Motor
600FS14-1D-508075	*	1043	*	9"	340	190	6000	140	*
600FS14-1C-508093	*	1043	*	9"	340	190	6000	140	*
600FS14-1B-510110	*	1043	*	9"	340	237	6000	140	*
600FS14-1A-510130	*	1043	*	9"	340	237	6000	140	*
600FS14-2C-510150	*	1295	*	9"	340	237	6000	183	*
600FS14-2B-510185	*	1295	*	9"	340	237	6000	183	*
600FS14-2A-510185	*	1295	*	9"	340	237	6000	183	*
600FS14-3C-512220	*	1547	*	9"	340	286	6000	226	*
600FS14-3B-512250	*	1547	*	9"	340	286	6000	226	*
600FS14-3A-512300	*	1547	*	9"	340	286	6000	226	*



14" 600 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction /1 = -3 /2 = -2 /3 = -1

16" 1000 M³/H - ORDERING INFORMATION

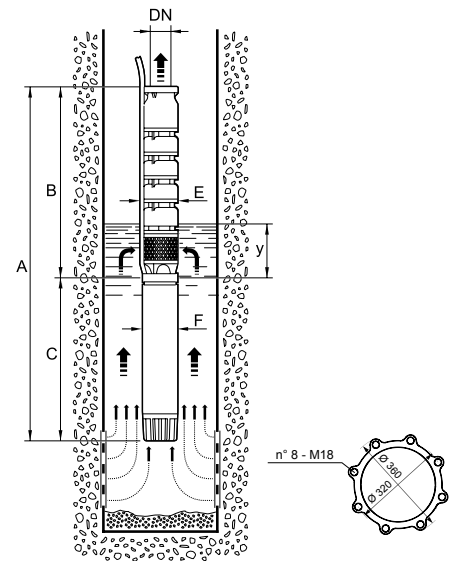
Model	Order No.	kW	HP	Stages	Trim	Motor Size
1000FS16-1E-510130	96516990605	130	175	1	E	10"
1000FS16-1D-510150	96516990610	150	200	1	D	10"
1000FS16-1C-510170	96516990615	170	230	1	C	10"
1000FS16-1B-510185	96516990620	185	250	1	B	10"
1000FS16-1A-512220	96516990625	220	300	1	A	12"
1000FS16-2D-512250	96516990630	250	340	2	D	12"
1000FS16-2C-512300	96516990635	300	400	2	C	12"
1000FS16-2B-512350	96516990640	350	475	2	B	12"
1000FS16-2A-512400	96516990645	400	540	2	A	12"

16" 1000 M³/H - HYDRAULIC PERFORMANCE

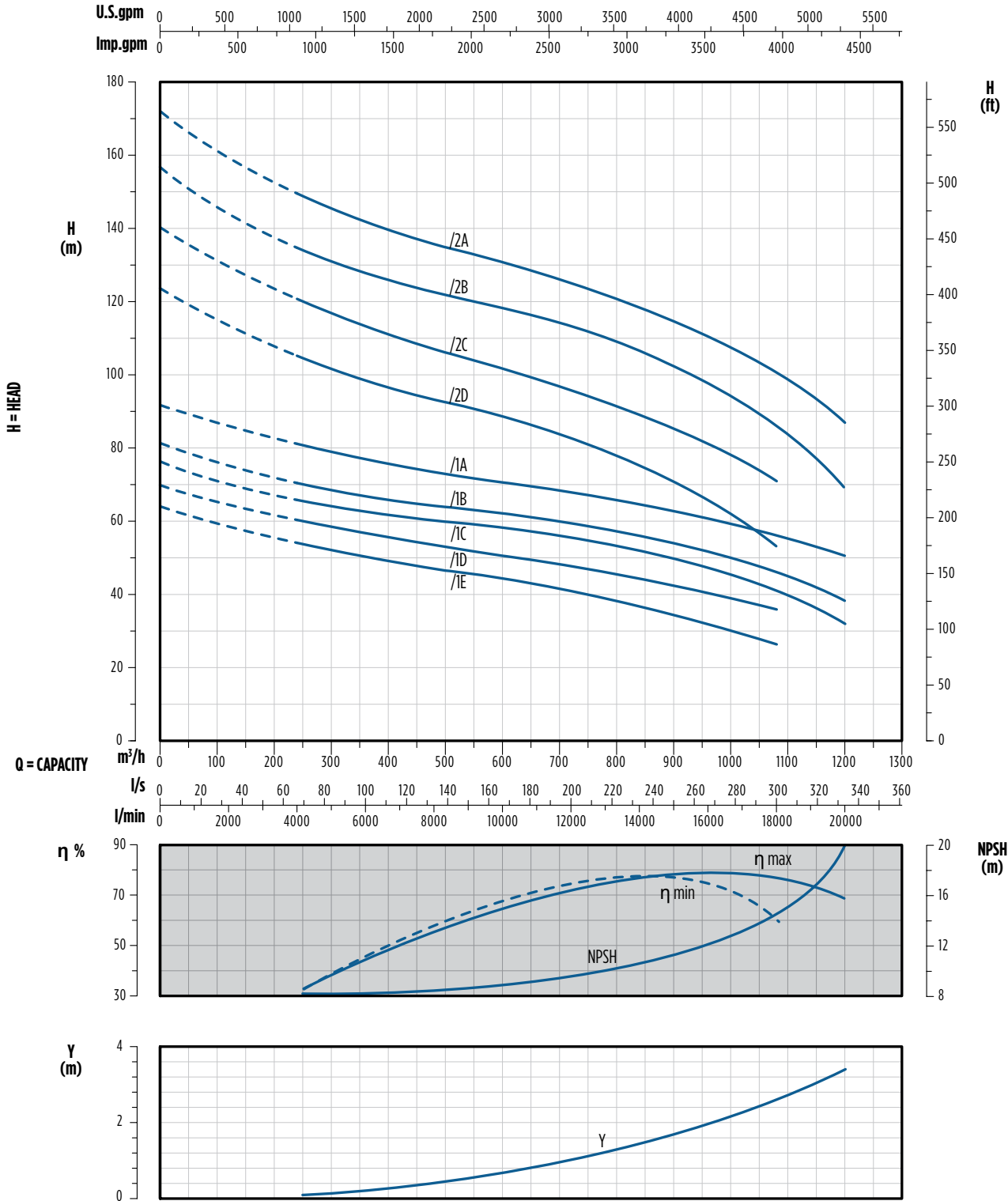
Model	Rated Power		Capacity												
			l/min	0	4000	6000	8000	10000	12000	14000	15000	16000	17000	18000	20000
	kW	HP	m ³ /h	0	240	360	480	600	720	840	900	960	1020	1080	1200
1000FS16-1E-510130	130	175	l/s	0	66.6	100	133.3	166.6	200	233.3	250	266.6	283.3	300	333.3
1000FS16-1D-510150	150	200	Head in Meters (m)	63.5	55.5	50.5	46	43	40.5	38	36	33	29.5	25.5	—
1000FS16-1C-510170	170	230		69.5	61.5	57	53	49.5	47	45	43.5	41.5	38.5	35	—
1000FS16-1B-510185	185	250		75.5	68	63	59.5	56.5	54	52	50.5	48.5	45.5	42	30.5
1000FS16-1A-512220	220	300		80.5	72.5	67.5	63.5	60.5	58	56	54.5	53	50	47	37
1000FS16-2D-512250	250	340		91	83	77.5	73	69	66	64	63	62	59.5	57	49
1000FS16-2C-512300	300	400		122.5	108.5	99.5	91.5	85.5	81	77	73.5	68	60.5	50.5	—
1000FS16-2B-512350	350	475		139.5	123	114	106	99.5	94.5	90.5	87.5	83	76.5	69	—
1000FS16-2A-512400	400	540		155	139	129.5	121.5	114.5	110	105.5	104	100.5	95	87.5	66
				170	153.5	143.5	134.5	127.5	122	117.5	116.5	113.5	108.5	102.5	84

16" 1000 M³/H - DIMENSIONS

Model	Dimensions (mm)			DN	E	F	y	Wt. (kg)	
	A	B	C					Pump	Motor
1000FS16-1E-510130	*	1260	*	10"	381	286	10000	220	*
1000FS16-1D-510150	*	1260	*	10"	381	286	10000	220	*
1000FS16-1C-510170	*	1260	*	10"	381	286	10000	220	*
1000FS16-1B-510185	*	1260	*	10"	381	286	10000	220	*
1000FS16-1A-512220	*	1260	*	10"	381	286	10000	220	*
1000FS16-2D-512250	*	1545	*	10"	381	286	10000	300	*
1000FS16-2C-512300	*	1545	*	10"	381	286	10000	300	*
1000FS16-2B-512350	*	1545	*	10"	381	286	10000	300	*
1000FS16-2A-512400	*	1545	*	10"	381	286	10000	300	*



16" 1000 M³/H - PERFORMANCE CURVE



NOTES:

- η % = Pump efficiency, NPSH (meters), Y = Non return valve loss
- Curves established for liquid density 1000 kg/m³, viscosity 1 mm²/s, temperature 20°C
- Efficiency reduction
/1 = -3 /2 = -2 /3 = -1

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