

FPS



50 HZ SSI SERIES

Submersible Stainless Steel Pumps
6", 8", 10"



50 HZ SSI SERIES SUBMERSIBLE PUMPS

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FEATURES

- Stainless steel impellers and diffusers
- High quality die cut for the most demanding applications
- 50 Hz range of operation
- Mixed flow impellers (12SSI pump uses radial flow impellers)
- NEMA Standard connection
- 50 g/m³ maximum allowable solid quantity
- 2 mm maximum solids dimension

APPLICATIONS

- Industrial
- Agriculture

SPECIFICATIONS

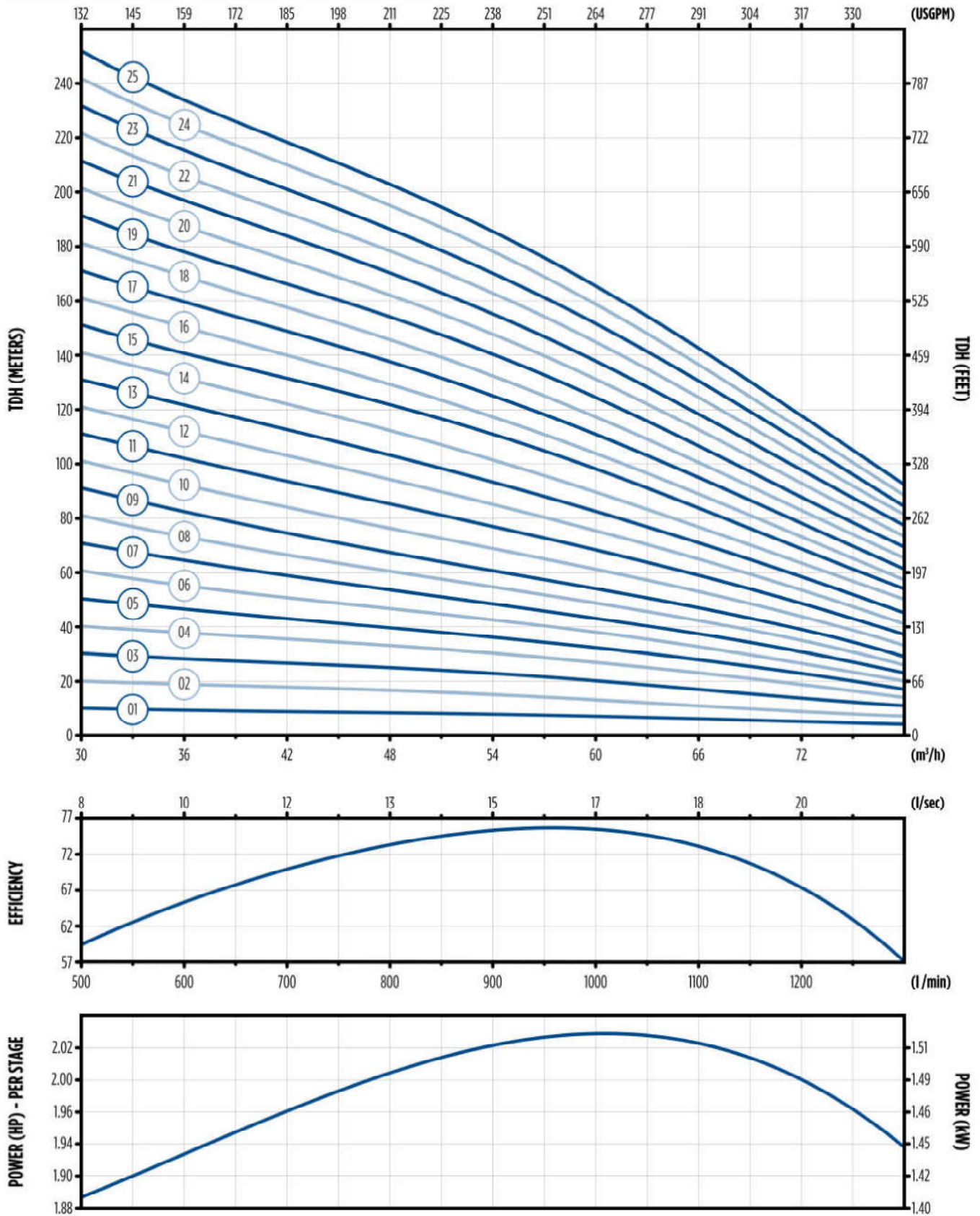
- TS 11146:1993
- TS EN 809:2000 98/37/EC
- TS EN ISO 12100-1:2007
- TS EN ISO 12100-2:2006

MODEL NO. EXPLANATION

- Example: 108SSI30F105-0486
- 108 = Flow series m³/h
- SSI = Series
- 30 = Motor kW
- F = 304 stainless steel
- 10 = 10" diameter pump
- 5 = 50 Hz
- 04 = Number of stages
- 8 = Motor size (8")
- 6 = 6" discharge BSP



6" 60 M³/H - PERFORMANCE





6" 60 M³/H - PERFORMANCE

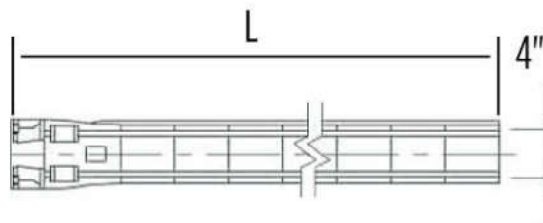
Model No.	Model Description	Stages	LPS	0	8.33	10	11.67	13.33	15	16.67	18.33	20	21.67
			USGPM	0	132	159	185	211	238	264	291	317	343
			M ³ /H	0	30	36	42	48	54	60	66	72	78
			Flow Rate	Shut-Off	Recommended Operating Range								
9730650603001	60SSI015F065-0144	1	Total Dynamic Head (TDH) - meters	11	10	9	9	8	8	7	6	5	4
9730650603002	60SSI03F065-0244	2		22	20	19	18	17	15	13	11	9	7
9730650603003	60SSI05F065-0344	3		33	30	28	27	25	23	20	17	14	11
9730650603103	60SSI05F065-0364	3		33	30	28	27	25	23	20	17	14	11
9730650603004	60SSI07F065-0444	4		44	40	37	36	33	30	27	23	19	14
9730650603104	60SSI07F065-0464	4		44	40	37	36	33	30	27	23	19	14
9730650603005	60SSI07F065-0544	5		55	51	47	43	40	36	32	28	23	17
9730650603105	60SSI07F065-0564	5		55	51	47	43	40	36	32	28	23	17
9730650603106	60SSI09F065-0664	6		65	61	56	50	47	43	38	32	27	20
9730650603107	60SSI11F065-0764	7		76	71	65	58	54	49	43	37	31	23
9730650603108	60SSI11F065-0864	8		87	81	74	65	61	55	49	42	35	26
9730650603109	60SSI13F065-0964	9		98	91	84	73	68	61	54	47	39	29
9730650603110	60SSI15F065-1064	10		109	101	93	83	77	69	61	53	44	33
9730650603111	60SSI18F065-1164	11		120	111	102	93	86	77	68	59	49	37
9730650603112	60SSI18F065-1264	12		131	121	112	103	95	85	75	65	54	41
9730650603113	60SSI18F065-1364	13		142	131	121	113	104	93	82	71	59	45
9730650603114	60SSI22F065-1464	14		153	141	130	123	113	101	89	77	64	50
9730650603214	60SSI22F065-1484	14		153	141	130	123	113	101	89	77	64	50
9730650603115	60SSI22F065-1564	15		164	152	140	133	122	109	100	83	69	54
9730650603215	60SSI22F065-1584	15		164	152	140	133	122	109	100	83	69	54
9730650603116	60SSI25F065-1664	16		174	162	149	141	130	117	103	89	74	57
9730650603216	60SSI25F065-1684	16		174	162	149	141	130	117	103	89	74	57
9730650603117	60SSI25F065-1764	17		185	172	158	150	138	125	110	95	79	61
9730650603217	60SSI25F065-1784	17		185	172	158	150	138	125	110	95	79	61
9730650603118	60SSI25F065-1864	18		196	182	167	159	146	132	117	100	84	65
9730650603218	60SSI25F065-1884	18		196	182	167	159	146	132	117	100	84	65
9730650603119	60SSI30F065-1964	19		207	192	177	167	155	140	124	106	89	69
9730650603219	60SSI30F065-1984	19		207	192	177	167	155	140	124	106	89	69
9730650603120	60SSI30F065-2064	20		218	202	186	176	163	147	131	112	94	73
9730650603220	60SSI30F065-2084	20		218	202	186	176	163	147	131	112	94	73
9730650603121	60SSI30F065-2164	21		229	212	195	185	171	155	137	118	99	77
9730650603221	60SSI30F065-2184	21		229	212	195	185	171	155	137	118	99	77
9730650603122	60SSI37F065-2264	22		240	222	205	193	179	163	144	124	104	81
9730650603222	60SSI37F065-2284	22		240	222	205	193	179	163	144	124	104	81
9730650603123	60SSI37F065-2364	23		251	232	214	202	187	170	151	130	109	84
9730650603223	60SSI37F065-2384	23		251	232	214	202	187	170	151	130	109	84
9730650603124	60SSI37F065-2464	24		262	242	223	211	196	178	158	136	114	88
9730650603224	60SSI37F065-2484	24		262	242	223	211	196	178	158	136	114	88
9730650603125	60SSI37F065-2564	25		273	253	233	219	204	185	165	142	119	92
9730650603225	60SSI37F065-2584	25		273	253	233	219	204	185	165	142	119	92

NOTE: 800 mm minimum liquid level (NPSH) from bottom of suction grid

6" 60 M³/H - DIMENSIONS

Model No.	Model Description	kW	HP	Motor Size	Discharge	Stages	Length (L)		Weight	
							mm	in	kg	lbs
9730650603001	60SSI015F065-0144	1.5	2	4	4"	1	385	15.2	7	15
9730650603002	60SSI03F065-0244	3	4	4		2	498	19.6	9	20
9730650603003	60SSI05F065-0344	5.5	7.5	4		3	611	24.1	12	26
9730650603103	60SSI05F065-0364	5.5	7.5	6		3	611	24.1	12	26
9730650603004	60SSI07F065-0444	7.5	10	4		4	724	28.5	14	31
9730650603104	60SSI07F065-0464	7.5	10	6		4	724	28.5	14	31
9730650603005	60SSI07F065-0544	7.5	10	4		5	837	33	16	35
9730650603105	60SSI07F065-0564	7.5	10	6		5	837	33	16	35
9730650603106	60SSI09F065-0664	9.2	12.5	6		6	950	37.4	18	40
9730650603107	60SSI11F065-0764	11	15	6		7	1063	41.9	20	44
9730650603108	60SSI11F065-0864	11	15	6		8	1176	46.3	22	49
9730650603109	60SSI13F065-0964	13	17.5	6		9	1289	50.7	24	53
9730650603110	60SSI15F065-1064	15	20	6		10	1402	55.2	26	57
9730650603111	60SSI18F065-1164	18.5	25	6		11	1515	59.6	28	62
9730650603112	60SSI18F065-1264	18.5	25	6		12	1628	64.1	30	66
9730650603113	60SSI18F065-1364	18.5	25	6		13	1741	68.5	32	71
9730650603114	60SSI22F065-1464	22	30	6		14	1854	73	34	75
9730650603214	60SSI22F065-1484	22	30	8		14	1883	74.1	37	82
9730650603115	60SSI22F065-1564	22	30	6		15	1967	77.4	36	79
9730650603215	60SSI22F065-1584	22	30	8		15	1996	78.6	39	86
9730650603116	60SSI25F065-1664	26	35	6		16	2080	81.9	38	84
9730650603216	60SSI25F065-1684	26	35	8		16	2109	83	41	90
9730650603117	60SSI25F065-1764	26	35	6		17	2193	86.3	40	88
9730650603217	60SSI25F065-1784	26	35	8		17	2222	87.5	43	95
9730650603118	60SSI25F065-1864	26	35	6		18	2306	90.8	42	93
9730650603218	60SSI25F065-1884	26	35	8		18	2335	91.9	45	99
9730650603119	60SSI30F065-1964	30	40	6		19	2419	95.2	44	97
9730650603219	60SSI30F065-1984	30	40	8		19	2448	96.4	47	104
9730650603120	60SSI30F065-2064	30	40	6		20	2548	100.3	47	104
9730650603220	60SSI30F065-2084	30	40	8		20	2577	101.5	50	110
9730650603121	60SSI30F065-2164	30	40	6		21	2661	104.8	49	108
9730650603221	60SSI30F065-2184	30	40	8		21	2690	105.9	52	115
9730650603122	60SSI37F065-2264	37	50	6		22	2774	109.2	51	112
9730650603222	60SSI37F065-2284	37	50	8		22	2803	110.4	54	119
9730650603123	60SSI37F065-2364	37	50	6		23	2887	113.7	53	117
9730650603223	60SSI37F065-2384	37	50	8		23	2916	114.8	56	123
9730650603124	60SSI37F065-2464	37	50	6		24	3000	118.1	55	121
9730650603224	60SSI37F065-2484	37	50	8		24	3029	119.3	58	128
9730650603125	60SSI37F065-2564	37	50	6		25	3113	122.6	57	126
9730650603225	60SSI37F065-2584	37	50	8		25	3142	123.7	60	132

NOTE: Dimensions are for sizing estimations only



6" 9 M³/H - MATERIALS

Part No.	Description	Material
SS601	Shaft	Stainless Steel / (AISI 420)
SS602	Key	Stainless Steel / (AISI 304)
SS603	Coupling	Stainless Steel / (AISI 420)
SS604	O-ring	Rubber
SS605	Coupling Screw	Stainless Steel / (AISI 304)
SS606	Support	Stainless Steel / (AISI 304)
SS607	Strainer	Stainless Steel / (AISI 304)
SS608	Neck Ring Retainer	Stainless Steel / (AISI 420)
SS609	Neck Ring	Rubber / Steel
SS610A	Impeller	Stainless Steel / (AISI 304)
SS610B	Impeller Ring	Stainless Steel / (AISI 304)
SS611	Split Cone	Stainless Steel / (AISI 420)
SS612	Split Cone Nut	Stainless Steel / (AISI 304)
SS613	Stop Ring Spacing Washer	Composite
SS614	Diffuser	Stainless Steel / (AISI 304)
SS614 KIT	Diffuser	Stainless Steel / (AISI 304)
	Bearing	Rubber
	Neck Ring	Rubber / Steel
SS614B KIT	Diffuser	Stainless Steel / (AISI 304)
	Bearing	Rubber
	Valve Seat	Rubber / Steel
	Bearing	Rubber
SS615	Valve Cone	Stainless Steel / (AISI 304)
SS616	Valve Cone	Stainless Steel / (AISI 304)
SS617	Valve Seat	Rubber / Steel
SS618	Discharge (2-1/2" Normal)	Stainless Steel / (AISI 304)
SS618A	Discharge (NPT)	Stainless Steel / (AISI 304)
SS619	Strap	Stainless Steel / (AISI 304)
SS620	Strap Nut	Stainless Steel / (AISI 304)
SS621	Cable Guard	Stainless Steel / (AISI 304)

6" 12 M³/H - MATERIALS

