

Automatic Submersible Drainage Pump with Float Key Switch

SFA

Features

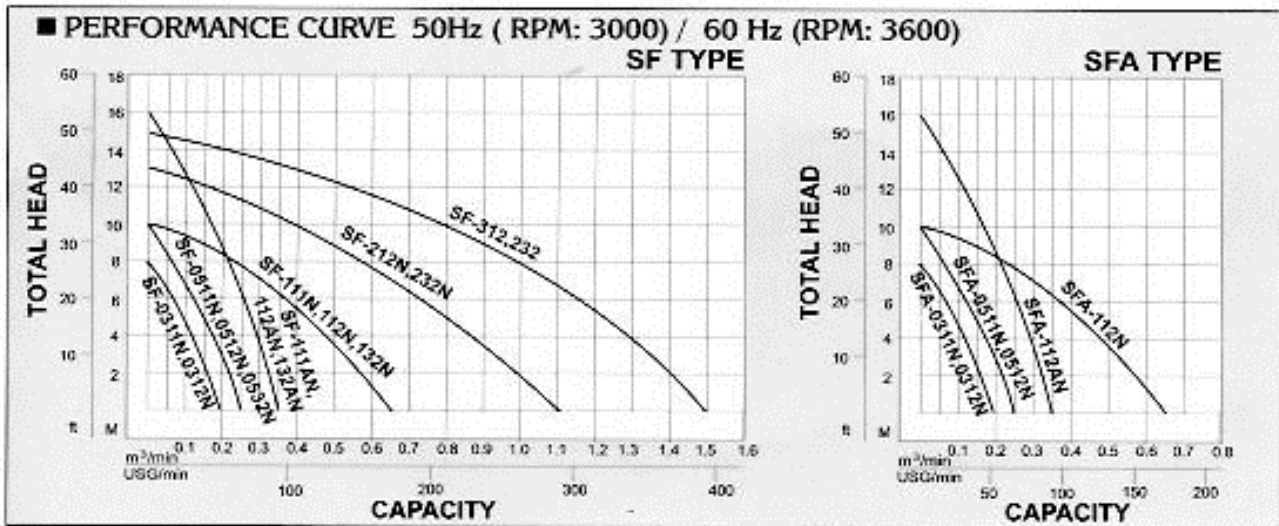
- Available with 50HZ & 60HZ
- 2 poles motor design
- Available with 1/3HP, 1/2HP & 1HP Single Phase ONLY
- Semi-open impeller designed for the general dewatering pumping use
- Stainless Steel SUS# 304 Motor Casing
- Stainless Steel SUS# 304 Strainer



Specification

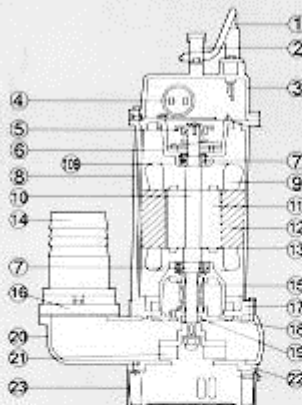
Type	Motor			Pump			Spherical Solid Handling mm	Wt. Kg
	Power	Phase	Volt	Bore	Max. Head	Max. Flow		
	HP	PH	V	Inch	M	L/min		
SFA-0311N	1/3	1	110	1.5"	9	180	4	9
SFA-0312N			220					
SFA-0511N	1/2	1	110	2	10	240	4	11
SFA-0512N			220					
SFA-112AN	1	1	220	2	16	360	6	21
SFA-112N			3	10	600	24		

PERFORMANCE CURVE



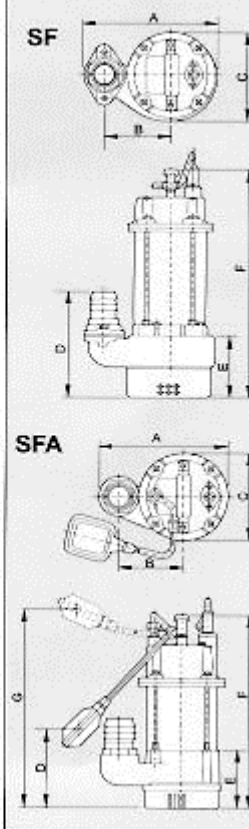
CONSTRUCTION

■ CONSTRUCTIONS:



NO.	PARTS LIST	MATERIAL
1	Cable	V. C. I
2	Handle	Stainless Steel(1/2-3HP)
3	Motor Head Cover	Cast Iron
4	Condenser	1 ϕ only
5	Centrifugal Switch	1 ϕ only
6	Upper Bracket	Cast Iron
7	Upper Ball Bearing	
8	Roll	Stainless Steel
9	Coil	
10	Shaft	Stainless Steel
11	Rotor	Steel Plate
12	Stator	Steel Plate
13	Motor Casing	Stainless Steel
14	Hose Coupling	Plastic & Cast Iron
15	Mechanical Seal	Ceramic-Carbon
16	Flange Setter	Cast Iron
17	Motor Lower Cover	Cast Iron
18	Mechanical Seal Cover	Plastic / Cast Iron
19	Oil Seal	Synthetic Rubber
20	Pump Casing	Cast Iron
21	Impeller	Cast Iron / Bronze
22	Suction Cover	Cast Iron
23	Strainer	Plastic (1/3HP& 1/2HP) Stainless Steel (1-3HP)
24	Float Switch	Only for SFA

■ DIMENSIONS



■ SPECIFICATIONS 50Hz/60Hz

■ DIMENSIONS

型式	電動機 MOTOR			抽水機 PUMP			電線	重量	Spherical Solid	尺寸							
TYPE	Power	Phase	Volt	Disch. Dia.	Max. Head	Max. Flow	Cable	Weight	mm	A	B	C	D	E	F	G	
	KW	HP	V	mm	inch	M	M ² /MIN	KG	mm	mm	mm	mm	mm	mm	mm	mm	
DRAINAGE PUMP																	
SF-0311N	0.25	1/3	1	110	40	1 1/2"	8	0.20	1.25 ϕ x6	9	4	200	100	140	155	75	340
SF-0312N				220													
SF-0511N			1	110													
SF-0512N	0.4	1/2	1	220	50	2"	10	0.22	1.25 ϕ x6	11	4	215	120	155	161	80	355
SF-0532N			3	220-440													
SF-111AN			1	110													
SF-112AN				220	50	2"	16	0.35	2 ϕ x6	21	6	265	130	190	180	85	460
SF-132AN	0.75	1	3	220-440													
SF-111AN			1	110													
SF-112AN			3	220	80	3"	10	0.65	2 ϕ x6	24	6	300	150	190	340	125	505
SF-132N			3	220-440													
SF-212N			1	220													
SF-232N	1.5	2	3	220-440	100	4"	13	1.10	3.5 ϕ x10	32	9	385	190	220	280	130	545
SF-312			1	220													
SF-312	2.2	3	3	220-440	125	5"	15	1.50	3.5 ϕ x10	48	9	410	200	240	300	140	585
SF-332			3	220-440													
AUTOMATIC DRAINAGE PUMP																	
SFA-0311N	0.25	1/3	1	110	40	1 1/2"	8	0.20	1.25 ϕ x6	9	4	200	100	140	80	75	340-425
SFA-0312N				220													
SFA-0511N	0.4	1/2	1	110													
SFA-0512N				220	50	2"	10	0.22	1.25 ϕ x6	11	4	235	120	155	85	80	355-450
SFA-112AN	0.75	1	3	220	50	2"	16	0.35	2 ϕ x6	21	6	265	130	190	90	85	460-500
SFA-112N				220	80	3"	10	0.65	2 ϕ x6	24	6	300	150	190	100	125	505-550