



SS STAINLESS STEEL SF SUBMERSIBLE PUMPS



■ FEATURE

- Best structure design, dry motor, double mechanical seals, equipped with Auto-cut protector, pumps casting, outer cover adopts stainless steel material, and acid-resistant silicon carbide seals.
- This series is suitable for all, light acid, corrosive and/or sea water applications. For Strong Acid purpose, please use the specified chemical pump.



SS-05A/21A

SF-05AU/21AU

SFP 2-10HP

SFU 2-10HP

■ APPLICATIONS

- Water drainage for industries.
- Sanitary sewer, single and multi-family drainage.
- Water drainage for chemical, pharmaceutical and metal processing factory.

■ Investment Casting

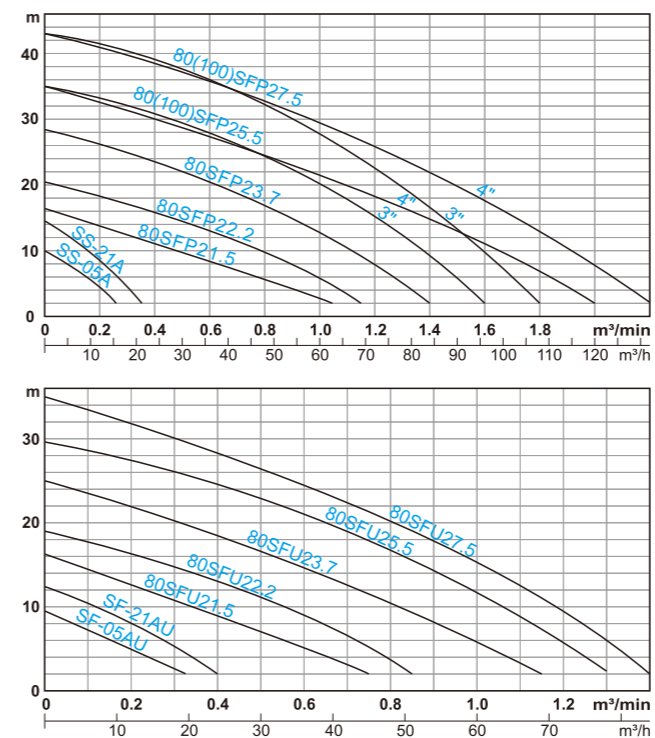
- Precision casting with the use of an advanced, stainless investment casting method that produces the highest quality with a smooth surface finish.

■ Viton O-ring

- Viton O-rings are used throughout the pump to give better pump life in corrosive, acid and aggressive media.



■ PERFORMANCE CURVES



■ PERFORMANCE SPEC.

Model	Output HP(kW)	Size DN Inch(mm)	Phase	Start Method	Head (m)	Capacity		Solid Passage (mm)	Weight (kg)		Dimension (mm)				
						m³/min	m³/h		1Ø	3Ø	A	B	C	D	
SS-05A	½(0.4)	2" (50)	1	Capacitor	7	0.12	7.2	10	14	14	245	-	174	439	439
SS-21A	1(0.75)	2" (50)	1	Capacitor	10	0.17	10.2	10	16	15	245	-	174	439	439
SF-05AU	½(0.4)	2" (50)	1	Capacitor	6	0.15	9	35	15	14	237	-	154	427	427
SF-21AU	1(0.75)	2" (50)	1	Capacitor	8	0.2	12	35	16	15	237	-	154	427	427
80SFU21.5	2(1.5)	3" (80)	3	Direct	8.5	0.4	24	50	-	26.5	402	260	202	-	517
80SFU22.2	3(2.2)	3" (80)	3	Direct	13	0.4	24	50	-	29	402	260	202	-	517
80SFU23.7	5(3.7)	3" (80)	3	Direct	17.5	0.5	30	50	-	40	476	286	223	-	561
80SFU25.5	7½(5.5)	3" (80)	3	Direct	21	0.6	36	50	-	61	499	309	258	-	657
80SFU27.5	10(7.5)	3" (80)	3	Direct	26	0.6	36	50	-	67	499	309	258	-	657
80SFP21.5	2(1.5)	3" (80)	3	Direct	8.5	0.6	36	35	-	28.5	417	275	260	-	521
80SFP22.2	3(2.2)	3" (80)	3	Direct	13	0.6	36	35	-	31.5	417	275	260	-	521
80SFP23.7	5(3.7)	3" (80)	3	Direct	20.5	0.6	36	32	-	43	495	305	290	-	568
80(100)SFP25.5	7½(5.5)	3" (80)	3	Direct	28	0.6	36	30	-	67	563	373	345	-	684
		4" (100)			21.5	1.0	60								
80(100)SFP27.5	10(7.5)	3" (80)	3	Direct	36	0.6	36	30	-	73	563	373	345	-	684
		4" (100)			29.5	1.0	60								

Note: Weight Without Cable & Elbow Set

Note: 3Phase U type Vortex impeller will cause higher amperage when operated in reverse direction

■ SPECIFICATIONS

Discharge (mm)		50 • 80• 100
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)
	Applications	Corrosive • Food processing liquids
	Submersion Depth	30m (100feet)
Type	Frequency	50Hz
	Motor	2P (3000RPM) • Dry Motor
	Insulation	Class B (0.5~3HP) • Class F (5~10HP)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball Type
Material	M.seal	Double M.seals
	Impeller	Semi-open
	Upper Cover	SCS13 (0.5HP) • SCS14(0.5~10HP)
	Motor Frame	SUS316
	Shaft End	SUS316
	M.seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon
	O-ring	Viton
Casing	SCS13 (0.5HP) • SCS14(0.5~10HP)	
Impeller	SCS14	
Cable	VCT or H07RN-F or SJOW/SOW	
Optional	Pumps can be customized to fit specifications	

