



# SS STAINLESS STEEL SF SUBMERSIBLE PUMPS



## FEATURE

- Best structure design, has a dry motor, double mechanical seals, equipped with an auto-cut protection, pump casting, outer cover is stainless steel, 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

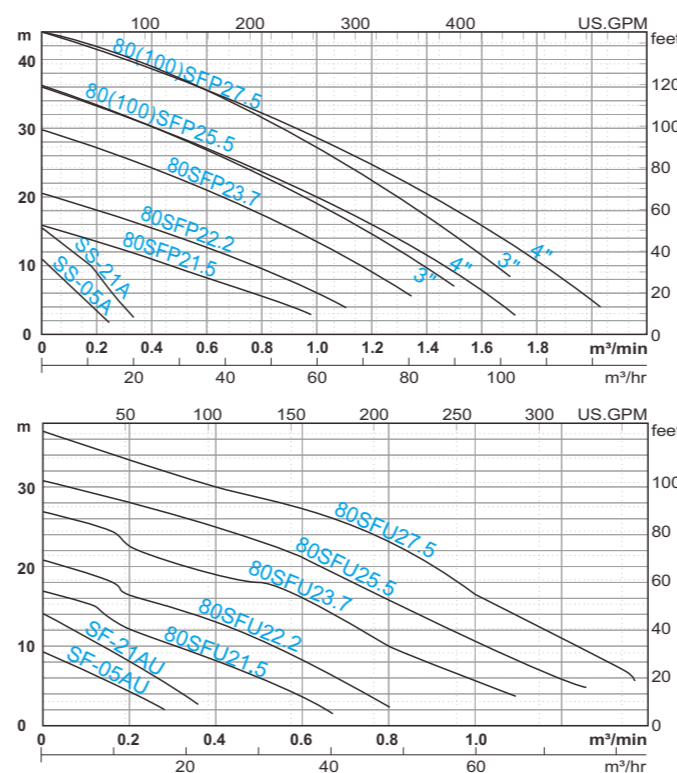
- Precision casting with the use of an advanced, stainless investment casting method that produces the highest quality with a smooth surface finish.

## 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	HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Standard		Solid Passage mm(inch)	Weight kg(lb)		Dimension (mm)				
					m - m³/min	ft - GPM		1Ø	3Ø	A	B	C	1Ø	3Ø
SS-05A	½(0.4)	2" (50)	1/3	Capacitor Direct	7 - 0.1	22 - 26	10 (½")	14 (31)	14 (31)	245	-	174	439	439
SS-21A	1(0.75)	2" (50)	1/3	Capacitor Direct	10 - 0.17	32 - 45	10 (½")	16 (35)	15 (33)	245	-	174	439	439
SF-05AU	½(0.4)	2" (50)	1/3	Capacitor Direct	5.5 - 0.15	18 - 40	35 (1½")	15 (33)	14 (31)	237	-	154	427	427
SF-21AU	1(0.75)	2" (50)	1/3	Capacitor Direct	8 - 0.2	25 - 52	35 (1½")	16 (35)	15 (33)	237	-	154	427	427
80SFU21.5	2(1.5)	3" (80)	3	Direct	8 - 0.4	26 - 105	50 (2")	-	26 (57)	402	260	202	-	517
80SFU22.2	3(2.2)	3" (80)	3	Direct	12.5 - 0.4	41 - 105	50 (2")	-	28.5 (63)	402	260	202	-	517
80SFU23.7	5(3.7)	3" (80)	3	Direct	17.5 - 0.5	58 - 132	50 (2")	-	39.5 (87)	476	286	223	-	561
80SFU25.5	7½(5.5)	3" (80)	3	Direct	21 - 0.6	70 - 160	50 (2")	-	60 (132)	499	309	258	-	657
80SFU27.5	10 (7.5)	3" (80)	3	Direct	27 - 0.6	90 - 160	50 (2")	-	66 (146)	499	309	258	-	657
80SFP21.5	2(1.5)	3" (80)	3	Direct	8 - 0.6	26 - 160	35 (1½")	-	28 (62)	417	275	260	-	521
80SFP22.2	3(2.2)	3" (80)	3	Direct	12.5 - 0.6	41 - 160	35 (1½")	-	31 (68)	417	275	260	-	521
80SFP23.7	3(2.2)	3" (80)	3	Direct	20.5 - 0.6	68 - 150	32 (1½")	-	42.5 (94)	495	305	290	-	568
80(100)SFP25.5	7½(5.5)	3" (80) 4"(100)	3	Direct	26.5 - 0.6 20 - 1.0	87 - 160 66 - 265	30(1¼)	-	66(146)	563 591	373	345	-	684
80(100)SFP27.5	10 (7.5)	3" (80) 4"(100)	3	Direct	35 - 0.6 28 - 1.0	115 - 160 92 - 265	30(1¼)	-	72(159)	563 591	373	345	-	684

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	60Hz
	Motor	2P (3600RPM) • Dry Motor
	Insulation	Class B (0.5~3HP) • Class F (5~10HP)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball Type
	M.seal	Double M.seals
Material	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	

