



HCP PUMP

We make the reliable pumps

PROFESSIONAL MANUFACTURERS OF SUBMERSIBLE PUMPS

50Hz GENERAL CATALOGUE

ISO 9001 CE DQS UL TÜV



sewage pump, waste water pump, stainless pump, grinder pump, dewatering pump, construction drainage pump,
large volume pump, axial pump, ejector, deep well pump.

HCP PUMP MANUFACTURER.,CO.LTD.

SS-SF STAINLESS STEEL 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.

■ APPLICATIONS

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

■ Investment Casting

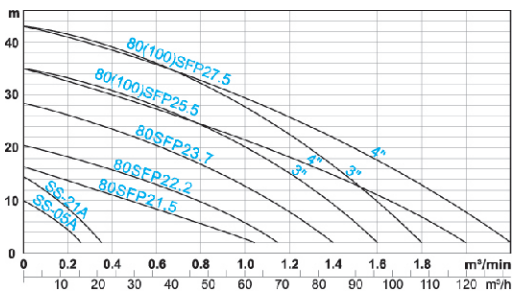
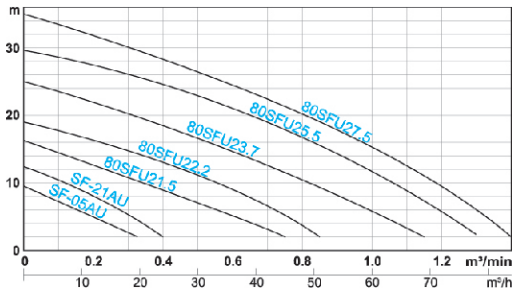
- Precision casting with the use of an advanced, stainless investment casting method that produces the highest quality with a smooth surface finish.

■ 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 Ø	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	591								
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	591								

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
	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	

