



HCP PUMP

We make the reliable pumps

PROFESSIONAL MANUFACTURERS OF SUBMERSIBLE PUMPS

50Hz GENERAL CATALOGUE

ISO 9001 CE CB 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

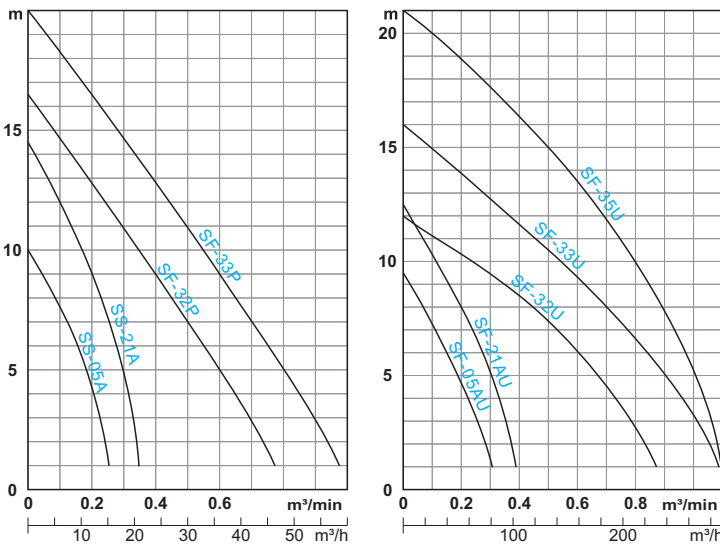
- Precision casting with the use of an advanced, stainless investment casting method that produces the highest quality with a smooth surface finish.

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	HP(kW)	Discharge 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		
										1Ø	3Ø	A	B	C	1Ø	3Ø
SS-05A	½(0.4)	2" (50)	1	Capacitor	7	0.12	7.2	10	14	14	245	174	439	439		
		3		Direct												
SS-21A	1(0.75)	2" (50)	1	Capacitor	10	0.17	10.2	10	16	15	245	174	439	439		
		3		Direct												
SF-05AU	½(0.4)	2" (50)	1	Capacitor	6	0.15	9	35	15	14	237	154	427	427		
		3		Direct												
SF-21AU	1(0.75)	2" (50)	1	Capacitor	8	0.2	12	35	16	15	237	154	427	427		
		3		Direct												
SF-32U	2(1.5)	3" (80)	3	Direct	8.5	0.4	24	35	29	441	325	250	538			
SF-33U	3(2.2)	3" (80)	3	Direct	10.5	0.5	30	35	31	441	325	250	563			
SF-35U	5(3.7)	3" (80)	3	Direct	15	0.5	30	38	38	453	337	216	572			
SF-32P	2(1.5)	3" (80)	3	Direct	8	0.45	27	35	29	441	325	250	538			
SF-33P	3(2.2)	3" (80)	3	Direct	9	0.6	36	30	31	441	325	250	563			

Note: Weight Without Cable



SPECIFICATIONS

Discharge (mm)		50 • 80	
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 (5HP: Class F)	
	Protection	IP68	
	Protector	Auto-cut	
	Bearing	Ball Type	
	M.seal	Double M.seals	
	Impeller	Semi-open	
	Material	Upper Cover	SCS14 (½HP: SCS13)
		Motor Frame	SUS316
Main Shaft		SUS316	
M.seal		Upper: Carbon/Ceramic Lower: Silicon/Silicon	
O-ring		Viton	
Casing		SCS14 (½HP: SCS13)	
Impeller		SUS14	
Optional	Pumps can be customized to fit specifications		

