

# SF series 50Hz Stainless Steel Sewage Pump



**ECT PUMP**

## MATERIAL CONSTRUCTION



Item	Description	Structure	Materials
Pump	Impeller	-	SUS316
	M. Seal	-	SIC / SIC
	Bearing	Ball type bearing	-
	Shaft	-	SUS316
	Pump Housing	-	SUS316
Motor	Pole	2P	-
	Motor type	Dry type(Except 0.5kW)	-
	Hz / Ph	50Hz / 1Ø & 3Ø	-
	Protector	Thermal / AC Protector	-
	Voltage	220~440V	-
Liquid	Liquid temp	0~40°C	-

Special specifications will be accepted make-to-order

## FEATURES

1. Stainless steel 304/316 materials are adopted for corrosive-resistance.
2. Chemical-resistant SIC mechanical seal and fluorine gasket are adopted to provide reliable sealing effects for chemical wastewater.
3. Precision casting method is used and the weight is 25% less than same grades of other pumps.
4. The base of cable is made out of integral plastic to upgrade humidity-resistance.
5. Italian techniques and professional design are adopted for water resistance.
6. The shaft is made of stainless steel and calibrated in dynamic balance for long time operation of bearing.

\* Float switch is available for model under 2HP (except 0.5kW 3 phase)

## APPLICATIONS

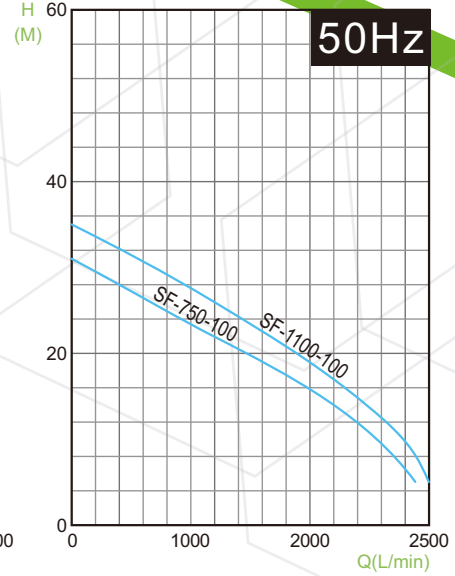
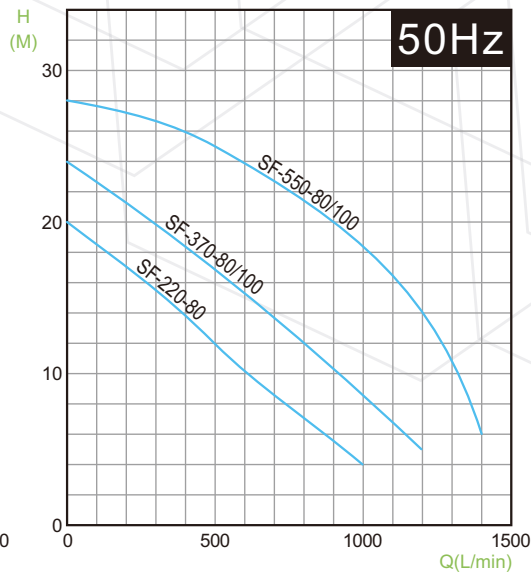
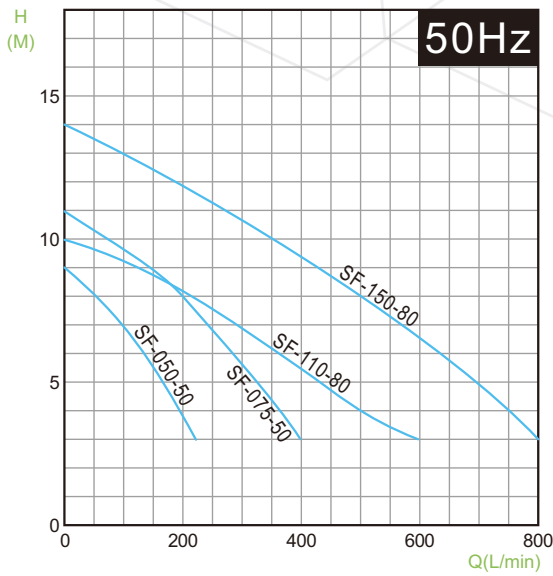
1. Wastewater treatment of chemical industries, metal industries, metal industries, dyeing industries, medical industries, pulp and paper industries...etc.
2. Wastewater treatment of hospital and laboratory, dewatering of rugged construction, animal husbandry and other comprehensive wastewater treatment...etc.



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### PERFORMANCE CURVE



### SPECIFICATION

2P-3600RPM

Model	Power HP(kW)	Discharge Inch(mm)	Phase PH	Pole P	Std. Head M	Std. Flow LPM	Length mm	Width mm	Height mm	Weight KG
SF-1050-50	(0.5kW)	2" (50)	1Ø	2	7	120	230	160	345	14
SF-3050-50			3Ø							
SF-1075-50	1 (0.75)	2" (50)	1Ø	2	8	200	260	210	440	19
SF-3075-50			3Ø							
SF-1110-80	1½ (1.1)	3" (80)	1Ø (220V)	2	5.5	400	300	230	490	22
SF-3110-80			3Ø							
SF-1150-80	2 (1.5)	3" (80)	1Ø (220V)	2	8	500	315	230	565	35
SF-3150-80			3Ø						510	31
SF-3220-80	3 (2.2)	3" (80)	3Ø	2	12	500	440	255	550	50
SF-3370-80/100	5 (3.7)	3"¼" (80/100)	3Ø	2	17	500	440	255	560	53
SF-3550-80/100	7.5 (5.5)	3"¼" (80/100)	3Ø	2	25	500	470	250	570	60
SF-3750-100	10 (7.5)	4" (100)	3Ø	2	22	1000	560	310	700	102
SF-31100-100	15 (11)	4" (100)	3Ø	2	26	1000	560	310	730	110