

BS-1052  
BS-3052  
BS-112  
BS-312



BS-123  
BS-323



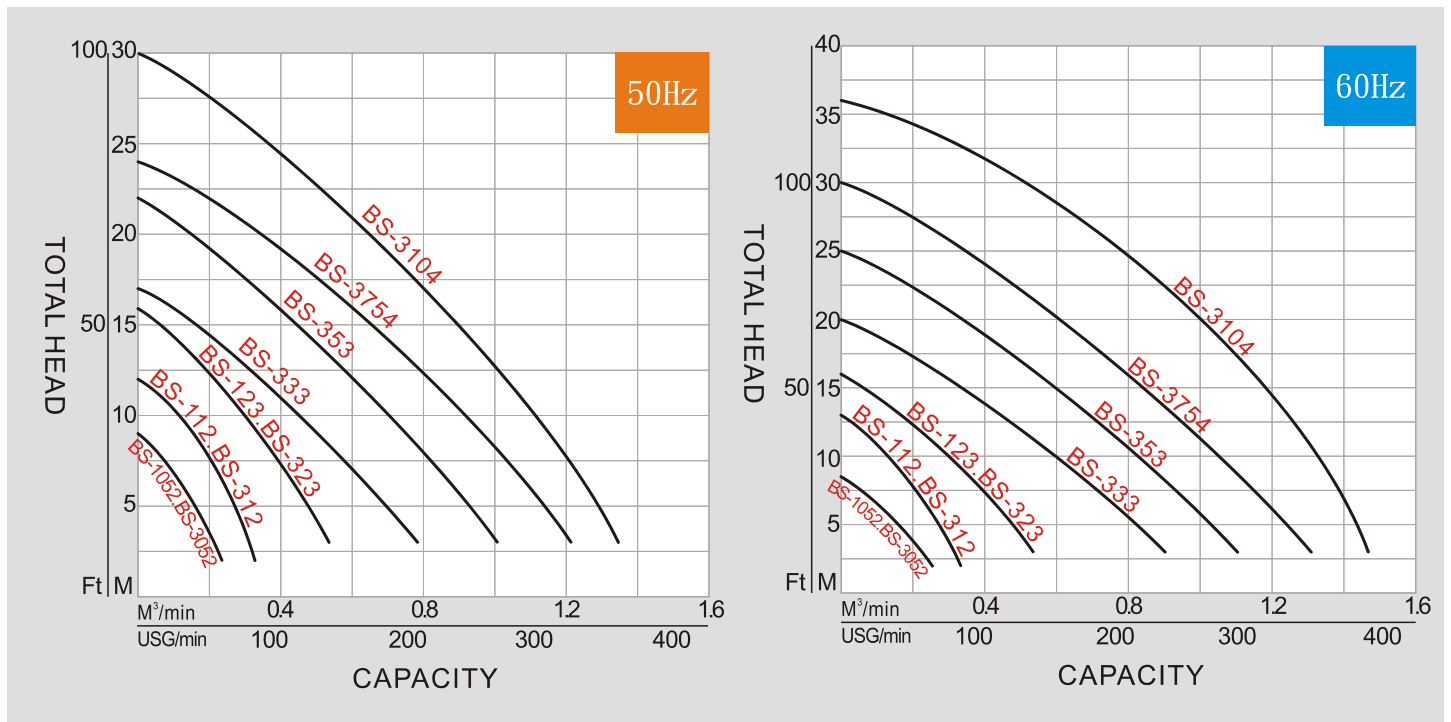
BS-333  
BS-353



BS-3754  
BS-3104



### PERFORMANCE CURVE



### SPECIFICATION

Type	Frequency	Phase	Power	Caliber	Pole/Rotation	Std.Head	Std.Flow	Max.Head	Max.Flow	BS Weight	TOS-BS Weight	Solid Passage							
TYPE	Hz	PH	HP	KW	Inch	mm	P/rpm	M	M³/min	KG	KG	mm							
TOS-BS-1052	50	60	1Ø	½	0.4	2"	50	2P / 2850 / 3450	5 M	5 M	0.16	0.16	8 M	8.5M	0.27	0.30	18	27	35
TOS-BS-3052	50	60	3Ø	½	0.4	2"	50	2P / 2850 / 3450	5 M	5 M	0.16	0.16	8 M	8.5M	0.27	0.30	18	27	35
TOS-BS-112	50	60	1Ø	1	0.75	2"	50	2P / 2850 / 3450	8 M	8 M	0.19	0.20	12M	13M	0.35	0.36	21	30	35
TOS-BS-312	50	60	3Ø	1	0.75	2"	50	2P / 2850 / 3450	8 M	8 M	0.19	0.20	12M	13M	0.35	0.36	21	30	35
TOS-BS-123	50	60	1Ø	2	1.5	3"	80	2P / 2850 / 3450	10M	10M	0.30	0.30	16M	16M	0.60	0.60	40	60	40
TOS-BS-323	50	60	3Ø	2	1.5	3"	80	2P / 2850 / 3450	10M	10M	0.30	0.30	16M	16M	0.60	0.60	38	58	40
TOS-BS-333	50	60	3Ø	3	2.2	3"	80	2P / 2850 / 3450	11M	12M	0.40	0.50	17M	20M	0.90	1.00	43	63	45
TOS-BS-353	50	60	3Ø	5	3.7	3"	80	2P / 2850 / 3450	14M	17M	0.50	0.50	22M	25M	1.10	1.20	47	67	40
TOS-BS-3754	50	60	3Ø	7½	5.5	4"	100	2P / 2850 / 3450	16M	18M	0.60	0.70	26M	30M	1.30	1.40	58	78	50
TOS-BS-3104	50	60	3Ø	10	7.5	4"	100	2P / 2850 / 3450	20M	20M	0.65	1.00	28M	36M	1.40	1.50	63	83	50

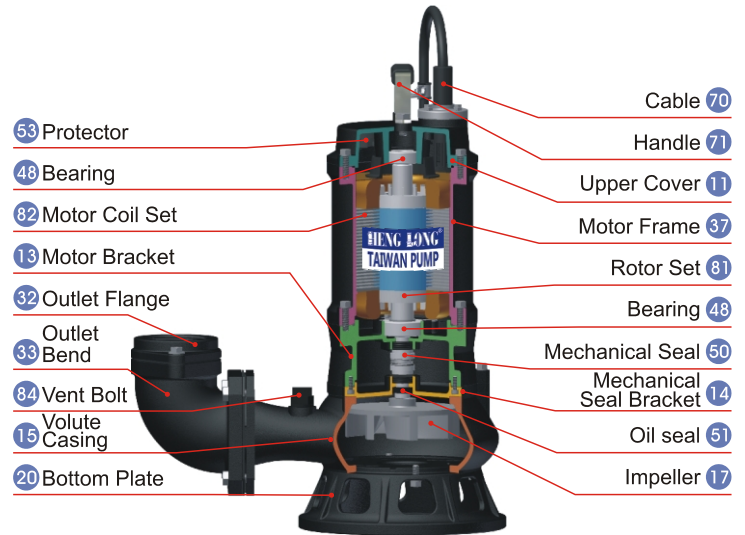


# Non-Clog Apparatus Use Sewage Submersible Pump

## APPLICATION

1. Wastewater lift station, municipal wastewater treatment plant.
2. Building wastewater treatment system.
3. Piggery excrement, animal & poultry farm.
4. School, hospital, community wastewater treatment system.
5. Food, paper, mining, textile, leather industry wastewater treatment system.

## STRUCTURAL DRAWING



## MATERIAL AND STANDARD TABLE

Caliber		50mm · 80mm · 100mm	
Liquid	Temperature	0°C~40°C (32°F~104°F)	
	Application	Available to deal with wastewater of building, sewer and industrial wastewater of food, paper, mining, textile, leather, dyeing and metal.	
	The lowest depth	▽30 M	
Pump	Structure	Impeller	Vortex Impeller
		Seal	Dual Mechanical Seal
	Material	Upper Cover	FC-200
		Bearing	Heavy-duty bearing
		Impeller	FC-200
		Volute Casing	FC-200
		Motor Bracket	FC-200
		Mechanical Seal Bracket	FC-200
		Bottom Plate	1/2-1HP: Engineering Strengthen Fiber Resin(STD) 2-10HP:FC-200
		Seal	Lubricant
Motor Side	Carbon / Ceramic		
Pump Side	Silicon Carbide / Silicon Carbide		
Motor	Type	Submersible dry type	
	Insulation class	B class (130°C) / F class (7 1/2-10HP)	
	Inner protector	Auto Reset Motor Protector	
	Material	Casing	FC-200
		Main Shaft	SUS-410 / SUS420
		Cable	Standard VCT / Optional

\*Spare parts and material of pump could be made by request.