

B-1052(A)
B-3052
B-112(A)
B-312



B-113
B-313



B-123



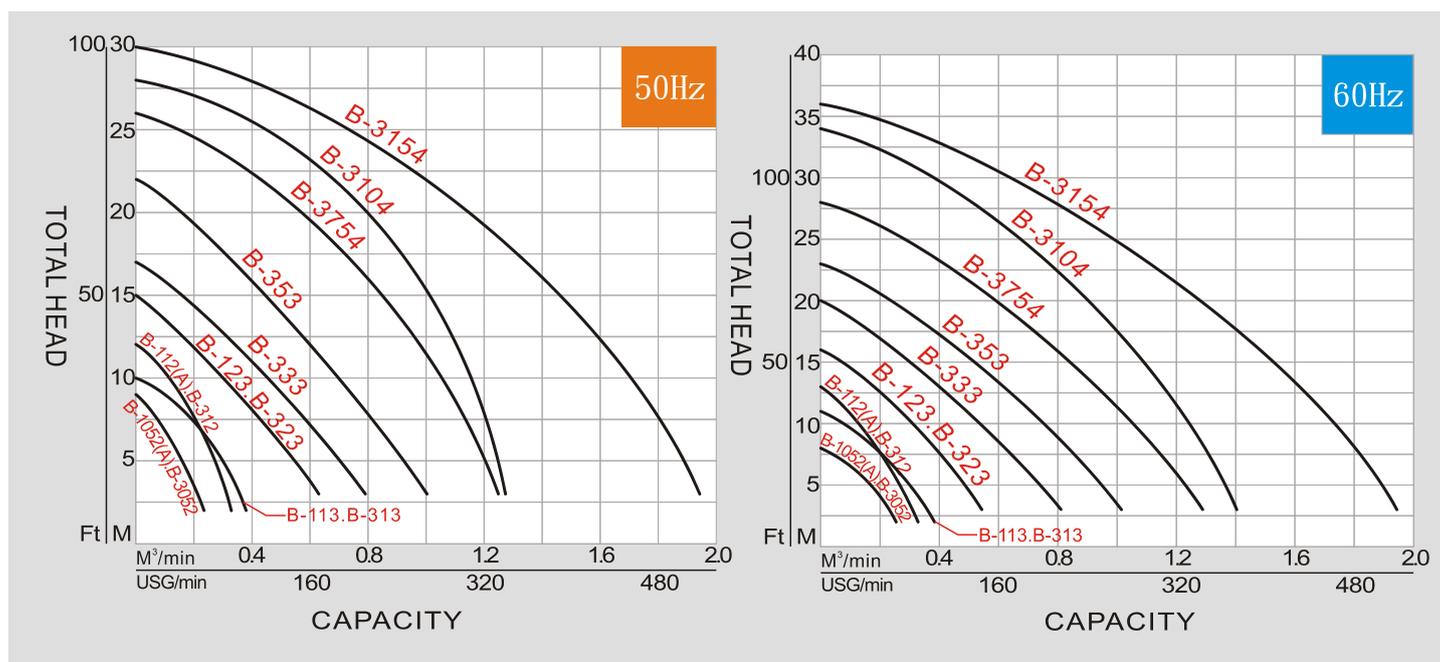
B-323
B-333
B-353



B-3754
B-3104
B-3154



PERFORMANCE CURVE



SPECIFICATION

※ (A) means single-phase motor can be installed with the float switch.

Type	Frequency	Phase	Power	Caliber	Pole/Rotation	Std.Head	Std.Flow	Max.Head	Max.Flow	B Weight	TOS-B Weight	Solid Passage
TYPE	Hz	PH	HP KW	Inch mm	P/rpm	M	M³/min	M	M³/min	KG	KG	mm
TOS-B-1052(A)	50 60	1Ø	½ 0.4	2" 50	2P / 2850 / 3450	5 M 5 M	0.16 0.17	9 M 8 M	0.27 0.29	18	27	35
TOS-B-3052	50 60	3Ø	½ 0.4	2" 50	2P / 2850 / 3450	5 M 5 M	0.16 0.17	9 M 8 M	0.27 0.29	17	26	35
TOS-B-112(A)	50 60	1Ø	1 0.75	2" 50	2P / 2850 / 3450	8 M 8 M	0.19 0.19	12M 13M	0.35 0.36	20	29	35
TOS-B-312	50 60	3Ø	1 0.75	2" 50	2P / 2850 / 3450	8 M 8 M	0.19 0.19	12M 13M	0.35 0.36	20	29	35
B-113	50 60	1Ø	1 0.75	3" 80	2P / 2850 / 3450	5 M 5 M	0.30 0.30	10M 11M	0.41 0.42	21		35
B-313	50 60	3Ø	1 0.75	3" 80	2P / 2850 / 3450	5 M 5 M	0.30 0.30	10M 11M	0.41 0.42	21		35
TOS-B-123	50 60	1Ø	2 1.5	3" 80	2P / 2850 / 3450	10M 10M	0.30 0.31	15M 16M	0.65 0.61	35	55	40
TOS-B-323	50 60	3Ø	2 1.5	3" 80	2P / 2850 / 3450	10M 10M	0.30 0.31	15M 16M	0.65 0.61	34	54	40
TOS-B-333	50 60	3Ø	3 2.2	3" 80	2P / 2850 / 3450	11M 13M	0.40 0.40	17M 20M	0.90 0.90	41	61	45
TOS-B-353	50 60	3Ø	5 3.7	3" 80	2P / 2850 / 3450	14M 15M	0.50 0.52	22M 23M	1.10 1.10	45	65	40
TOS-B-3754	50 60	3Ø	7½ 5.5	4" 100	2P / 2850 / 3450	16M 18M	0.80 0.70	26M 28M	1.30 1.36	55	75	50
TOS-B-3104	50 60	3Ø	10 7.5	4" 100	2P / 2850 / 3450	20M 20M	0.80 0.90	28M 34M	1.30 1.45	60	80	50
TOS-B-3154	50 60	3Ø	15 11	4" 100	2P / 2850 / 3450	22M 25M	1.00 1.00	30M 36M	2.00 2.00	75	95	50

*B series 2、3、5 HP models, the choice of single wing semi-open impeller is at option.

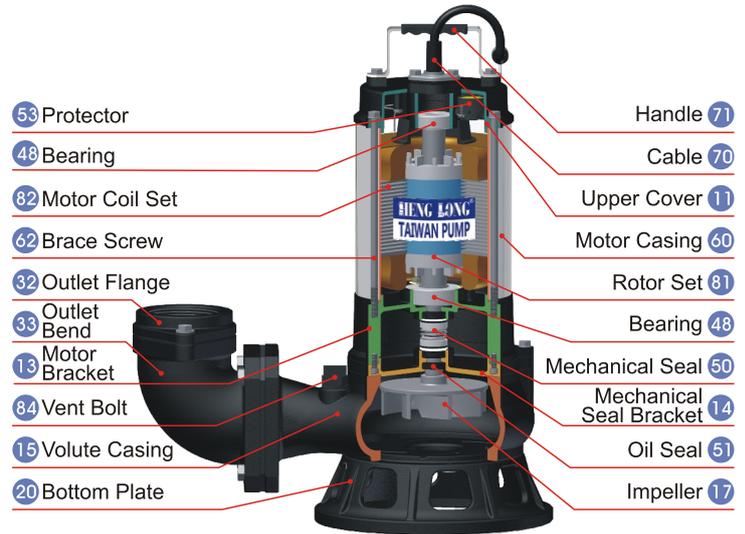


Non-Clog Sewage Submersible Pump

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	
	Structure		
Pump	Impeller	Vortex Impeller	
	Seal	Dual Mechanical Seal	
	Material	Upper Cover	FC-200
		Bearing	Heavy-duty bearing
		Impeller	FC-200
		Volute Casing	FC-200
		Bottom Plate	1/2-1HP:Engineering Strengthen Fiber Resin(STD) 2-15HP:FC-200
		Motor Bracket	FC-200
		Mechanical Seal Bracket	FC-200
	Seal	Lubricant	ISO VG. # 32
Motor Side		Carbon / Ceramic	
Pump Side		Silicon Carbide / Silicon Carbide	
Motor	Type	Submersible dry type	
	Insulation class	B class (130°C) / F class (150°C)	
	Inner protector	Auto Reset Motor Protector	
	Material	Casing	SUS-304
		Main Shaft	SUS-410 / SUS420
		Cable	Standard VCT / Optional

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