

Wastewater

BE Series



Applications

These centrifugal, self-priming effluent pumps are designed for installations with septic tanks in areas with drainage problems. Ideal for pumping out flooded basements, livestock watering, flood irrigation, and general dewatering.

Features

- **CASING** - Cast iron; 1/4" NPT suction & discharge.
- **MOTOR** - Continuous duty rated, **higher than NEMA service factor** dual compartment motors equipped with stainless steel shaft and automatic thermal overload protection.
- **BUILT-IN CHECK VALVE** - Facilitates fast priming and guards against syphoning action.
- **IMPELLER** - 4 vane, semi-open gray cast iron, with "Blind Hole" for motor shaft protection.
- **SEAL** - Carbon/ceramic 5/8" mechanical.

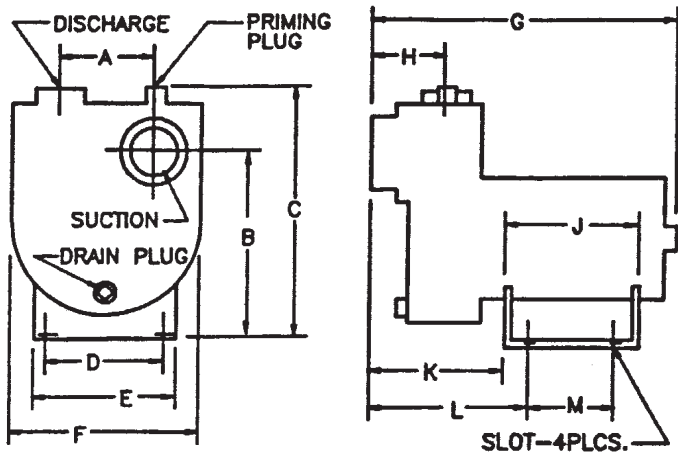
Motors are:

1/3 HP(115V) 9.4 full load amps

1/2 HP(115/230V) 12.4/6.2 full load amps

3/4 HP(115/230V) 14.8/7.4 full load amps

Dimensional Outline



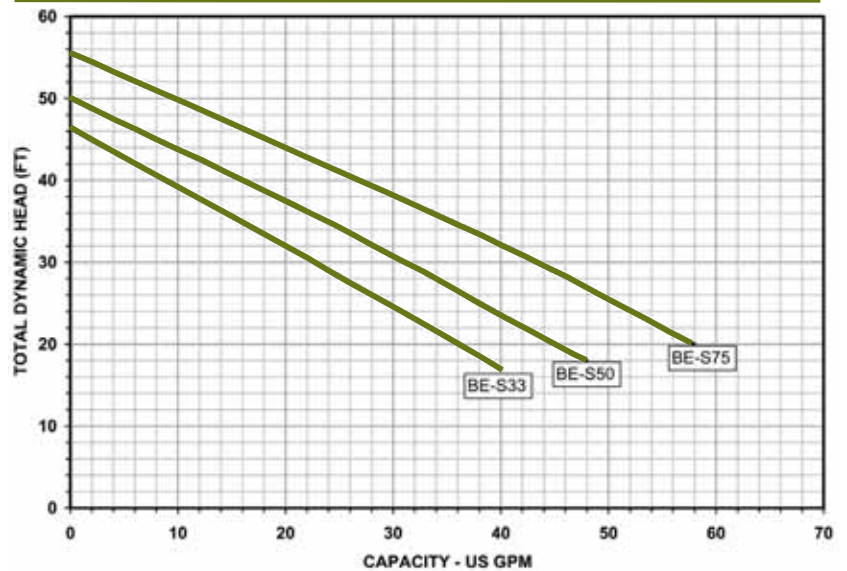
Model	Suct. NPT	Disch. NPT	Priming Plug NPT	Drain Plug NPT	Slots	A	B	C	D	E	F	G	H	J	K	L	M
BE-S33	1/4	1/4	1/2	1/2	.43" x .93" [10.9mm x 23.6mm]	4.25" [107.9mm]	7.25" [184.2]	10" [254]	4.9" [124.5]	6.5" [165.1]	7.6" [193.1]	14.4" [365.8]	3.1" [78.8]	4.9" [124.5]	5.5" [139.7]	6.8" [172.7]	3" [76.2]
BE-S50	1/4	1/4	1/2	1/2	.43" x .93" [10.9mm x 23.6mm]	4.25" [107.9mm]	7.25" [184.2]	10" [254]	4.9" [124.5]	6.5" [165.1]	7.6" [193.1]	14.4" [365.8]	3.1" [78.8]	4.9" [124.5]	5.5" [139.7]	6.8" [172.7]	3" [76.2]
BE-S75	1/4	1/4	1/2	1/2	.43" x .93" [10.9mm x 23.6mm]	4.25" [107.9mm]	7.25" [184.2]	10" [254]	4.9" [124.5]	6.5" [165.1]	7.6" [193.1]	14.4" [365.8]	3.1" [78.8]	4.9" [124.5]	5.5" [139.7]	6.8" [172.7]	3" [76.2]

*Dimensions measured in inches [mm]

Specifications

Model No.	Item No.	Listing	HP	SF	Volts	Total Head in Feet							Shut-Off Head (ft.)	Cord Length (ft.)	Ship Wt. (lbs.)
						20	25	30	35	40	45	50			
						Capacities in U.S. GPM									
BE-S33	621805	CSA	1/3	1.95	115	36	30	23	16	9	-	-	46	20	41
BE-S50	621815	CSA	1/2	1.90	115/230	45	39	31	24	16	8	-	50	20	42
BE-S75	621825	CSA	3/4	1.65	115/230	58	53	44	36	26	18	10	56	20	43

Performance Curve



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