

SUMP & SEWAGE SELF PRIMING EFFLUENT PUMPS



BE SERIES SELF PRIMING EFFLUENT PUMP

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.

CASING - Cast iron; 1¼" NPT suction & discharge.

MOTOR - CSA approved and 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.

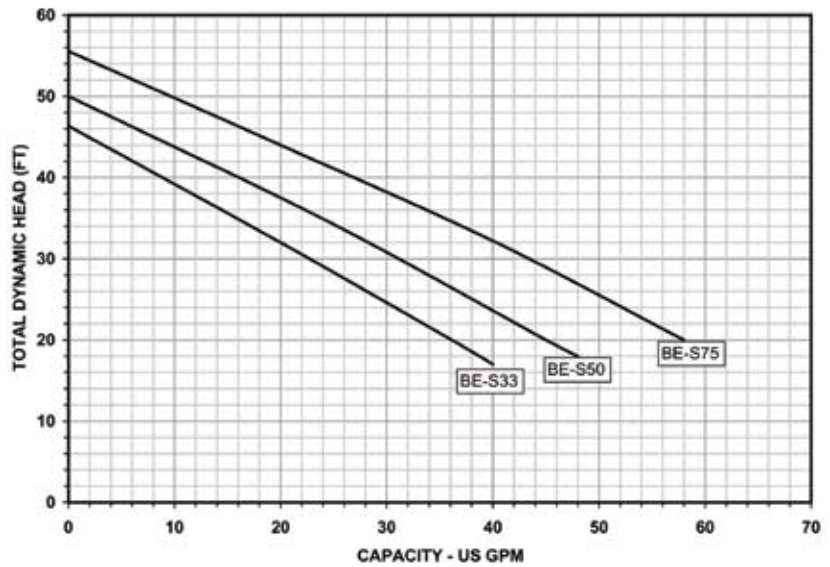
IMPELLER - 4 vane, semi-open gray cast iron, with "Blind Hole" for motor shaft protection.

SEAL - Carbon/ceramic 5/8" mechanical.

Motors are:

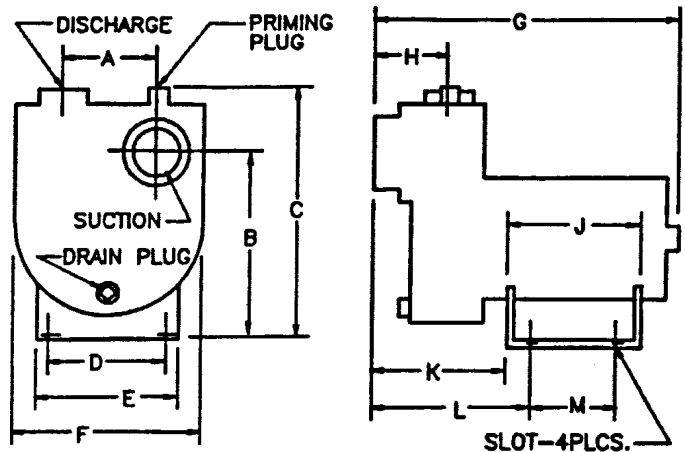
- 1/3 HP(115V) 9.4 full load amps
- ½ HP(115/230V) 12.4/6.2 full load amps
- ¾ HP(115/230V) 14.8/7.4 full load amps

Performance



PERFORMANCE CHART									
Model No.	Total Head in Feet								
	20	25	30	35	40	45	50	55	60
	Capacities in U.S. GPM								
BE-S33	36	30	23	16	9	2	-	-	-
BE-S50	45	39	31	24	16	8	-	-	-
BE-S75	58	53	44	36	29	18	10	1	-

Dimensions



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	1¼"	1¼"	½"	½"	43x.93	4.25	7.25	10	4.9	6.5	7.6	14.4	3.1	4.9	5.5	6.8	3
BE-S50	1¼"	1¼"	½"	½"	43x.93	4.25	7.25	10	4.9	6.5	7.6	15.3	3.1	4.9	5.5	6.8	3
BE-S75	1¼"	1¼"	½"	½"	43x.93	4.25	7.25	10	4.9	6.5	7.6	15.6	3.1	4.9	5.5	6.8	3

*Dimensions measured in inches

BE SERIES					
Model No.	Order No.	HP	SF	Ship Wt. (lbs.)	Voltage
BE-S33	621805	⅓	1.95	41	115
BE-S50	621815	½	1.90	42	115/230
BE-S75	621825	¾	1.65	43	115/230

BE

Water Systems

Sump and Sewage

Lawn and Sprinkler

Electric Motor Driven

Engine Driven

Frame Mount

Hand Pumps

Irrigation and Industrial