



ELECTRIC MOTOR DRIVEN SELF PRIMING

B50S and BSE

ELECTRIC MOTOR DRIVEN

The BSE Series pumps are self priming utility pumps. They are constructed of durable cast iron which makes them long lasting in a variety of applications.

The BSE pumps are designed to be very simple to operate. This is made possible by the self priming casing which is engineered to prime itself quickly once it has been filled with water.

CASING - Made of rugged cast iron with a large chamber for rapid self priming. This makes the casing self cleaning and facilitates long life.

PRIMING PLUG - Fits the standard garden hose for easy priming.

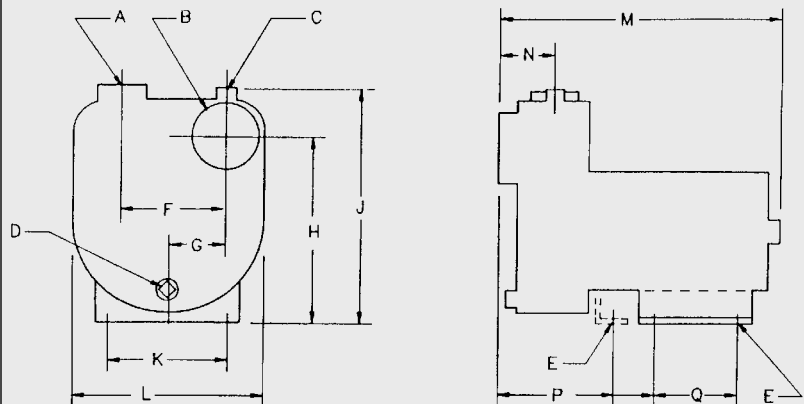
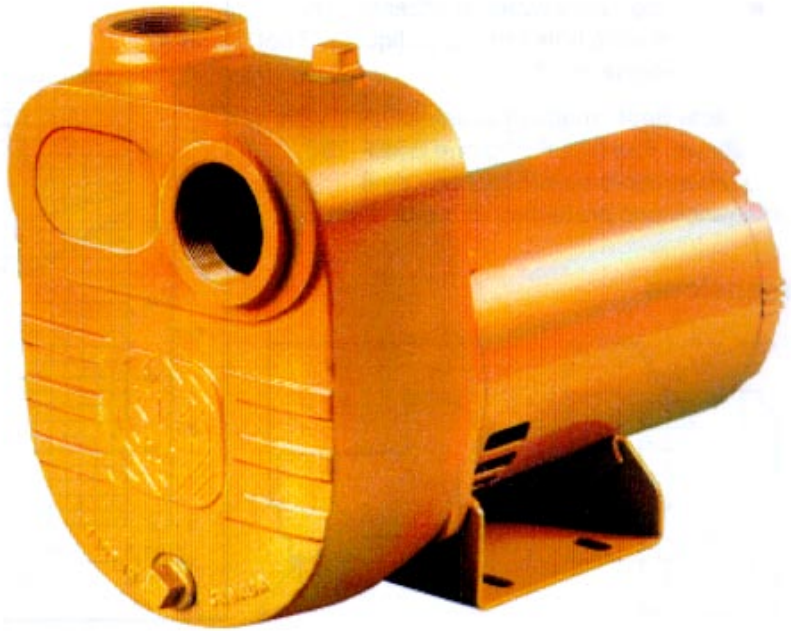
MOTOR - The BSE pump comes with a A.O. Smith or Baldor Motor, all of which are very reliable. Motors range from 3/4 to 3 HP. 3/4 to 2 HP models use higher than NEMA service factor dual compartment motors.

IMPELLER - Semi-open, cast iron impeller, ideal for handling fertilizer, dirty water or other liquids. The impeller is blind hole tapped so liquid will not corrode the engine shaft.

MECHANICAL SEAL - Made of stainless steel with viton bellows. The BSEF-500 and BSEF-750 have a replaceable sleeve for easy seal maintenance and protection of motor shaft.



B50S



Model	Length	Width	Height	HS	Ship Wt. (lbs.)
B50S	7.5	9.87	7.62	4.3	43

*Dimensions measured in inches

Model	Discharge A (NPT)	Suction B (NPT)	Priming Plug C (NPT)	Drain Holes D (NPT)	Mounting E	F	G	H	J	K	L	M	N	P	Q
BSE-S33	1 1/4	1 1/4	3/4	3/4	.44x.94	4	2	7.75	10	4.88	7.5	14.6	3.18	8.06	3
BSE-S50	1 1/4	1 1/4	3/4	3/4	.44x.94	4	2	7.75	10	4.88	7.5	14.6	3.18	8.06	3
BSE-S75	1 1/4	1 1/4	3/4	3/4	.44x.94	4	2	7.75	10	4.88	7.5	15.4	3.18	8.06	3
BSE-S100	1 1/4	1 1/4	3/4	3/4	.44x.94	4	2	7.75	10	4.88	7.5	15.8	3.18	8.06	3
BSE-S150	2	2	3/4	3/4	.44x.94	4.25	2.12	8.5	11.12	4.88	8.5	16.8	3.18	7.37	3
BSE-S200	2	2	3/4	3/4	.44x.94	4.25	2.12	8.5	11.12	4.88	8.5	17.2	3.18	7.37	3
BSE-300	2	2	3/4	3/4	.35x1.22	4.25	2.12	8.5	11.12	4.88	8.5	15.9	3.18	7.37	-

*Dimensions measured in inches

Water Systems

Sump & Sewage

Lawn & Sprinkler

Electric Motor Driven

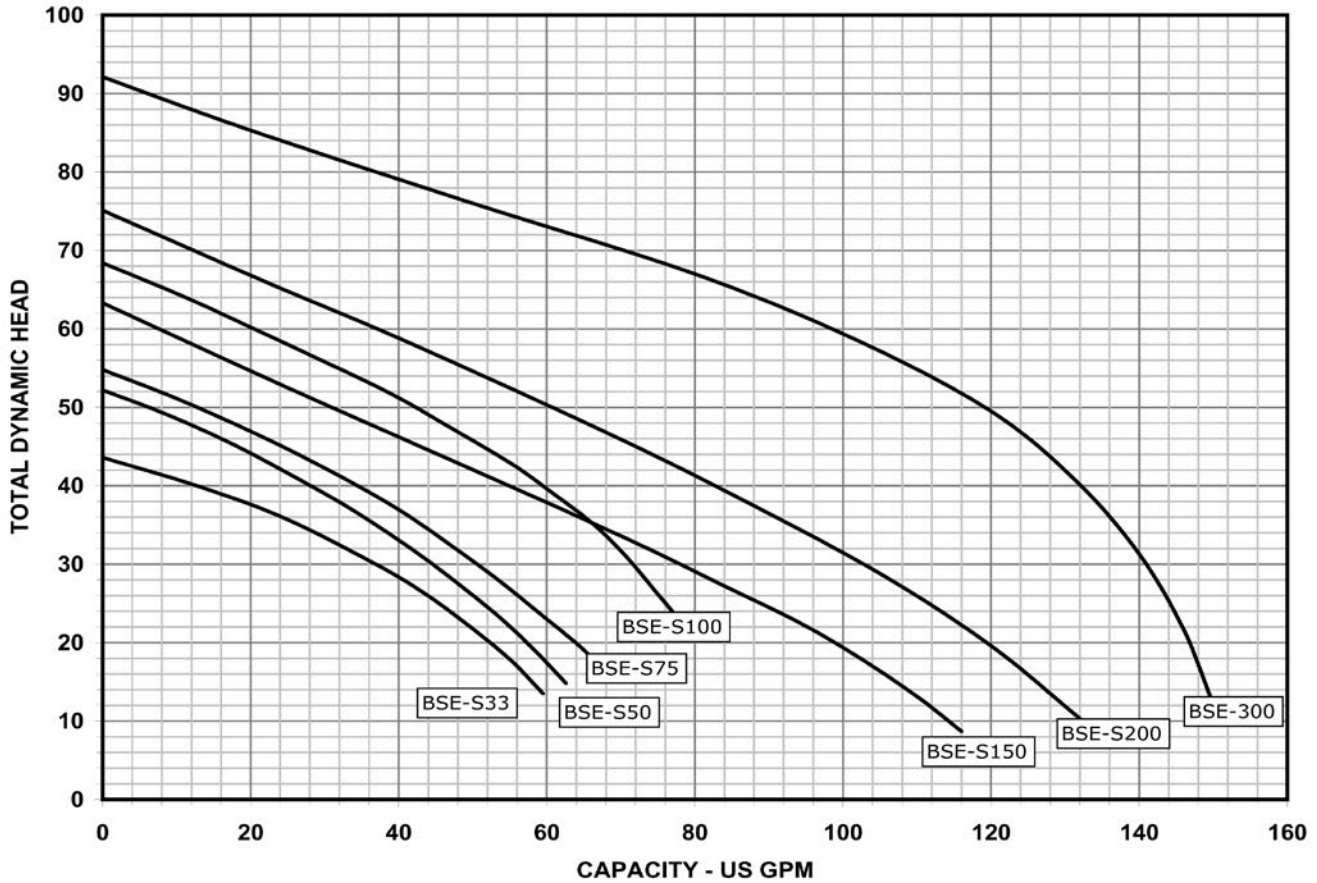
Engine Driven

Frame Mount

Hand Pumps

Irrigation & Industrial

ELECTRIC MOTOR DRIVEN SELF PRIMING



Performance Chart										
Model No.	RPM	HP	Total Head in Feet							
			20	30	40	50	60	70	80	90
Capacities in U.S. GPM										
B50S	3450	1/2	45	31	16	0	-	-	-	-
BSE-S33		1/3	52	31	15	0	-	-	-	-
BSE-S50		1/2	55	46	32	10	0	-	-	-
BSE-S75		3/4	65	50	35	10	0	-	-	-
BSE-S100		1	80	70	60	42	20	-	-	-
BSE-S150		1 1/2	102	78	55	35	8	0	-	-
BSE-S200		2	126	103	80	58	32	10	0	-
BSE-300		3	148	142	130	120	99	70	35	5

BSE Series - Less Power Kits					
Model No.	Order No.	HP	Suct. NPT	Disch. NPT	Ship Wt. (lbs.)
BSE-S33LP	615291	1/3	1 1/4"	1 1/4"	18
BSE-S50LP	615306	1/2	1 1/4"	1 1/4"	18
BSE-S75LP	615316	3/4	1 1/4"	1 1/4"	18
BSE-S100LP	615326	1	1 1/4"	1 1/4"	18
BSE-S150LP	615336	1 1/2	2"	2"	18
BSE-S200LP	615346	2	2"	2"	22
BSE-S300LP	615356	3	2"	2"	35

BSE Series - Electric Motor Driven - Liquid Ag-Chemical Transfer						
Model No.	Order No.	HP	Suct. NPT	Disch. NPT	Electrical Characteristics	Ship Wt. (lbs.)
*B50S	621814	1/2	1 1/4"	1 1/4"	1/60/115/230V Capacitor start	43
BSE-S33	615630	1/3	1 1/4"	1 1/4"	1/60/115V Split phase	40
BSE-S50	615631	1/2	1 1/4"	1 1/4"	1/60/115/230V Capacitor start	41
BSE-S75	615632	3/4	1 1/4"	1 1/4"	1/60/115/230V Capacitor start	42
BSE-S100	615633	1	1 1/4"	1 1/4"	1/60/115/230V Capacitor start	46
BSE-S150	615634	1 1/2	2"	2"	1/60/115/230V Capacitor start	52
BSE-S200	615635	2	2"	2"	1/60/115/230V Capacitor start	60
BSE-300	615350	3	2"	2"	1/60/230V Capacitor start	77
BSE-300-3	615352	3	2"	2"	3/60/208-230/460V 3 phase	77
BSE-300-575	615355	3	2"	2"	3/60/575V 3 phase	77

* Includes: Handle, cord and garden hose adapter.

Water Systems

Sump & Sewage
Lawr. & Sprinkler

Electric Motor
Driven

Engine Driven

Frame Mount

Hand Pumps

Irrigation &
Industrial