



B Series

Our B Series non-clog pumps are used primarily in municipal water supply stations and sewage treatment plants for pumping water, sewage, and digested sludge. In industry, these pumps are efficient for controlling cooling water, process and wastewater, and abrasive materials.



B Series Features

Semi-open, single vane impellers (1 hp - 5 hp models)

Enclosed multi-vane impellers (7.5 hp - 300 hp models)

Field adjustable/replaceable wear plates

Highly efficient air filled motors for continuous duty operation

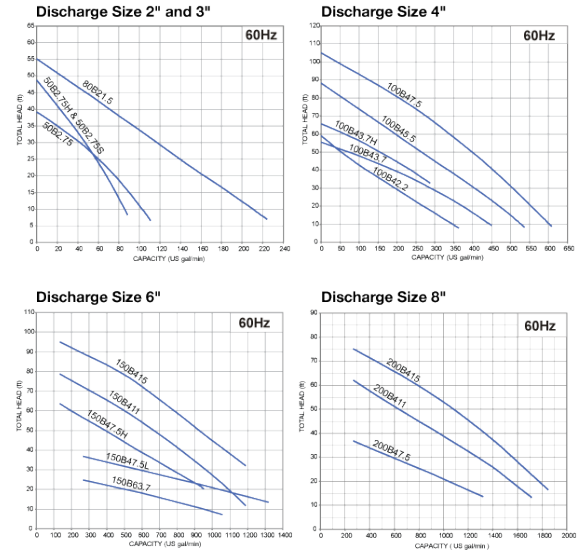
Available with class E, B, F insulation to minimize operation costs. Double inside mechanical seals with Sic-Sic faces operate in a separate oil-filled chamber.

Anti-wicking block prevents water incursion to the stator if cable is accidentally damaged

Double-shielded, permanently lubricated high-temp C3 ball bearings rated for B-10 life of 60,000 hours

Water jacket ensures perfect water cooling by circulating drainage around the motor housing (available on 30 hp or above)

Performance Range



Series	Model	Discharge Size (in.)	Phase	Motor Output (HP)	Voltage (V)	Diameter (in.)	Height (in.)	Weight (lbs.)
B Series	100B42.2	4	Three	3	230/460/575	23 7/16	24 1/4	154(Free)/141(TOS)
B Series	100B43.7	4	Three	5	230/460/575	23 11/16	27 3/16	190(Free)/176(TOS)
B Series	100B43.7H	4	Three	5	230/460/575	23 7/16	26 1/4	183(Free)/170(TOS)
B Series	100B45.5	4	Three	7 1/2	230/460/575	27	35 13/16	324(Free)/309(TOS)
B Series	100B47.5	4	Three	10	230/460/575	27	36 5/8	371(Free)/356(TOS)
B Series	100B47.5L	6	Three	10	230/460/575	34 5/16	42 3/4	440(Free)/380(TOS)
B Series	150B411	6	Three	15	230/460/575	35 1/4	43 1/4	550(Free)/490(TOS)
B Series	150B415	6	Three	20	230/460/575	35 1/4	46	600(Free)/530(TOS)
B Series	150B47.5H	6	Three	10	230/460/575	32 13/16	37 1/2	460(Free)/400(TOS)
B Series	150B63.7	6	Three	5	230/460/575	33	35 9/16	620(Free)/550(TOS)
B Series	200B415	8	Three	20	230/460/575	38 1/4	47 1/16	660(Free)/630(TOS)
B Series	200B47.5	8	Three	10	230/460/575	36 7/16	42 3/4	460(Free)/470(TOS)
B Series	50B2.75	2	Three	1	230/460/575	15 15/16	17 5/16	55(Free)/53(TOS)
B Series	50B2.75H(S)	2	3 ϕ /1 ϕ	1	115/230 (1 ϕ) 230/460/575 (3 ϕ)	15 15/16	16 5/16	53(Free)/51(TOS)
B Series	80B21.5	3	Three	2	230/460/575	17 9/16	21 1/8	79(Free)/75(TOS)
BK Series	150BK422	6	Three	30	230/460/575	38 7/8	53 5/16	1220(Free)/1090(TOS)
BK Series	200BK422	8	Three	30	230/460/575	42 13/16	51 15/16	1230(Free)/1100(TOS)
BK Series	200BK422H	8	Three	30	230/460/575	41 1/16	53 5/16	1230(Free)/1110(TOS)