

CIRCULATORS Maintenance-Free Circulators

SERIES PL™ a superior alternative to large wet rotor pumps



PL-30, 36, 45, 50, 55

PL-75, 130

Operating Data

Maximum Working Pressure: 150 PSI (10.3 bar)
Maximum Operating Temperature: 225°F (107°C)

Materials of Construction

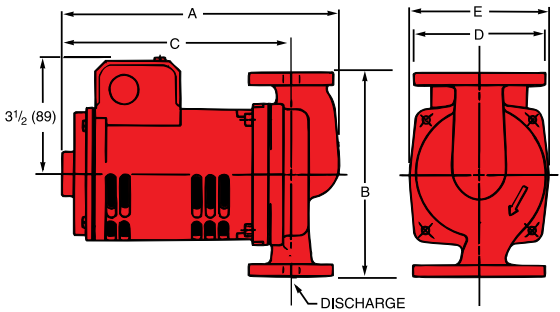
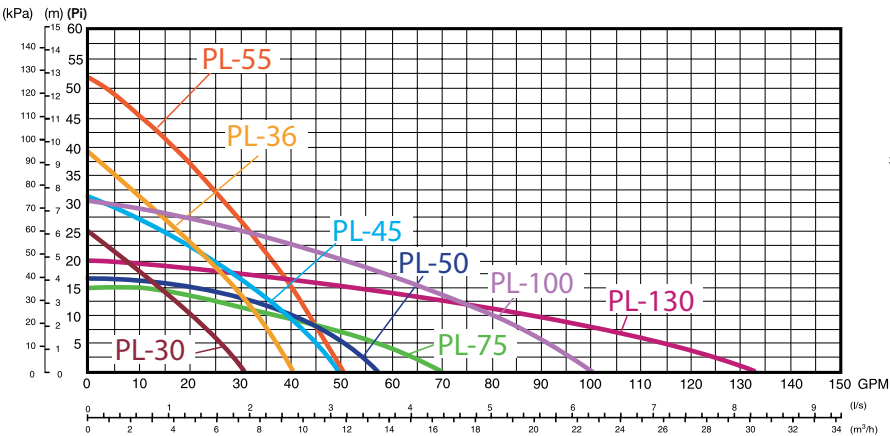
Booster Body: Cast Iron or Lead-Free* Bronze
Face Plate: Stainless Steel
Impeller: 30% Glass Filled Noryl® (PL-55 & PL-130): Glass Filled PPS
Shaft: Carbon Steel (PL-55 & PL-130): Stainless Steel
Shaft Sleeve: Stainless Steel (PL-55 & PL-130): None
Seal: Mechanical, Carbon on Silicon Carbide
Motor Bearings: Sealed Precision Steel Ball Bearing Permanently Lubricated
Motor Type: ODP
Elastomers: EPDM

*CSA certified to NSF/ANSI 372 that product contains less than 0.25% lead content by weight on wetted surface.

Specifications

Cast Iron		Lead Free		Flange Sizes Inches - NPT	Standard 60 Hz Motor Characteristics*				Dimension Inches (mm)@ 60Hz					Approx. Shpg. Wt. lbs (Kg)
Model Number	Part Number	Model Number	Part Number		HP	Ø	Voltage	RPM	A	B	C	D	E	
PL-30	1BL012	PL-30B	1BL013LF	3/4", 1", 1-1/4", 1 1/2"	1/12th	1	115	2650	8-5/8" (219)	6-3/8" (162)	7-1/8" (181)	4-3/16" (106)	4-3/8" (111)	11.6 (5.3)
PL-36	1BL001	PL-36B	1BL003LF	3/4", 1", 1-1/4", 1 1/2"	1/6th			3300	8-5/8" (219)	6-3/8" (162)	7-1/8" (181)	4-3/16" (106)	4-3/8" (111)	13.1 (6.0)
PL-45	1BL002	PL-45B	1BL004LF	1", 1-1/4", 1-1/2"	1/6th			3300	9-1/8" (232)	8-1/2" (216)	7-1/4" (184)	4-5/8" (117)	4-1/2" (114)	14.5 (6.6)
PL-50	1BL016	PL-50B	1BL017LF	1", 1-1/4", 1-1/2"	1/6th			3300	9-1/8" (232)	8-1/2" (216)	7-1/4" (184)	4-5/8" (117)	4-1/2" (114)	14.5 (6.6)
PL-55	1BL032	PL-55B	1BL068LF	3/4", 1", 1-1/4", 1 1/2"	2/5th			3250	9-9/16" (243)	6-3/8" (162)	7-15/16" (202)	4-3/16" (106)	4-3/4" (121)	13.1 (6.0)
PL-75	1BL034	PL-75B	1BL035LF	2"	1/6th			3400	9-15/16" (252)	8-1/2" (216)	7-3/8" (187)	5-3/16" (132)	4-5/8" (117)	18.5 (8.4)
PL-100	1BL134	PL-100B	1BL136LF	1", 1-1/4", 1-1/2"	2/5th			3250	9-1/8" (232)	8-1/2" (216)	7-1/4" (184)	4-5/8" (117)	4-1/2" (114)	14.5 (6.6)
PL-130/ 2"	1BL063	PL-130B/ 2"	1BL065LF	2"	2/5th			3200	10-3/4" (273)	8-1/2" (216)	8-1/4" (210)	5-3/16" (132)	5-1/8" (130)	22 (10)
PL-130/ 3"	1BL070	PL-130B/ 3"	1BL072LF	3"	2/5th			3200	10-3/4" (273)	8-1/2" (216)	8-1/4" (210)	6" (130)	5-1/8" (130)	27 (12.2)

* 230VAC/60Hz/1Ph motors available upon request. Models PL-75 and PL-130 have four bolt hole flange connection, all others have two bolt hole flange connectors.
Dimensions are approximate and subject to changes. Contact factory for certified dimensions.



- 1 B&G's powerful, dry-motor design delivers exceptional performance. . . . 25% more efficient than competition.
- 2 Precision-machined and balanced alloy steel rotor for superior performance.
- 3 Quick-connect wire nut leads and dual knock-outs make for fast, sure hook-ups.
- 4 Solid "Stiff-Shaft" design is constructed of high-strength alloy steel impervious to cracking caused by thermal stresses.
- 5 XL-11™ Precision-Crafted Bearing System... is permanently oil lubricated... completely maintenance free...precisely positioned for long-life and isolated for quiet operation.
- 6 Advanced close-coupled design increases pump life and efficiency, assures dependable seasonal start-ups and can easily handle difficult water conditions.
- 7 Tough, durable seal system features a carbon/silicon carbide seal on a stainless steel shaft sleeve for long life and rugged operation.
- 8 Double sided I-Seal™ design for optimum efficiency.

