

# Series PL

A SUPERIOR ALTERNATIVE TO WET ROTOR PUMPS





## A Superior Alternative to Wet Rotor Pumps

-----

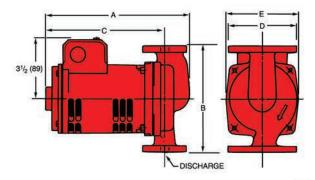
### Description

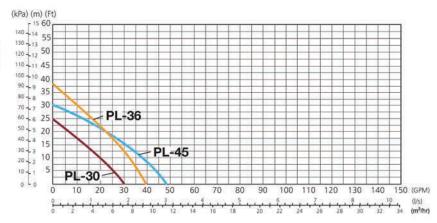
The Series PL™ close coupled booster pumps are specifically designed for quiet operation in hydronic, radiant and geothermal heating and cooling systems. These inline permanently lubricated pumps are available in cast iron or lead-free bronze body construction.

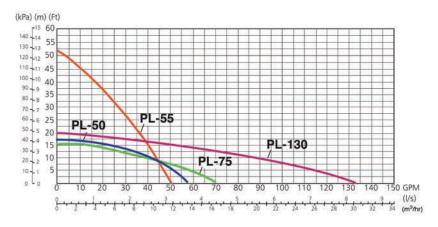
#### **Operating Data**

#### **Materials of Construction**

Pump Body	Cast Iron or Lead-Free Bronze
Face Plate	Stainless Steel
	30% Glass Filled Noryl®
1.0	PL-55 & PL-130 Glass Filled PPS
Shaft	Solid High-Strength Alloy Steel
Seal System	Carbon/Silicon Carbide
Bearings	XL11™Permanently Lubricated Sealed
	Precision Bearings
Motor Type	ODP







#### Dimension & Weights

Cast Iron		Lead-Free <sup>†</sup> Bronze		Flange Size	Motor Characteristics*			tics*	Dimensions in inches (mm) @ 60 Hz (Open Drip-Proof)					Approx. Shipg. Wt.
Model No.	Part No.	Model No.	Part No.	Inches - NPT	HP	ø	Voltage	RPM	Α	В	C	D	E	lbs. (Kg)
PL-30 1BL01		PL-30B	1BL013LF	3/4	1/12			2650	85/8 (219)	6 3/8 (162)	7 1/8 (181)	43/16 (106)	4 3/8 (111)	11.6 (5.3)
	1BL012			1 & 1 1/4										
	and the same			1 1/2										
PL-36 1BL0		PL-36B	18L003LF	3/4				3300	8 5/8 (219)	6 3/8 (162)	7 1/8 (181)	43/16 (106)	4 3/8 (111)	13.1 (6.0)
	1BL001			1 & 1 1/4	1/6									
				1 1/2										
PL-45 1	+01002	PL-45B	1BL004LF	1	13.00			3300	91/8 (232)	8 1/2 (216)	7 1/4 (184)	4 5/8 (117)	4 3/8 (111)	14.5 (6.6)
	1BL002			1 1/4 & 1 1/2	1/6	10	115							
PL-50	1BL016	PL-50B	1BL017LF	1	- 19			3300	9 1/8 (232)	8 1/2 (216)	7 1/4 (184)	4 5/8 (117)	4 3/8 (111)	14.5 (6.6)
				1 1/4 & 1 1/2	1/6	_		3300						
PL-55	1BL032	PL-558	1BL068LF	3/4			2000		4 444					
			1BL069LF	1 & 1 1/4	2/5			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)
CHICARD.		20.000	24(42/39(3)	1 1/2	1100			0.00		70.4	The second second			4 7 7 10 4
PL-75	1BL034	PL-75B	1BL035LF	2	1/6			3400	915/16 (252)	8 1/2 (216)	7 3/8 (187)	5 3/16 (132)	4 5/8 (117)	18.5 (8.4)
PL-130	1BL063	PL-130B	1BL065LF	2	2/5	5		3200	10 3/4 (273)	8 1/2 (216)	8 1/4 (210)	5 3/16 (132)	5 1/8 (130)	22 (10)

<sup>\* 230/60/1</sup> and 277/60/1 motors available upon request. Models PL-75 and PL-130 have a 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.

<sup>&</sup>lt;sup>†</sup> Contains less the 0.25% leads content by weight on wetted surfaces.



Xylem Inc. 8200 N. Austin Avenue Morton Grove, Illinois 60053 Phone: (847) 966-3700 Fax: (847) 965-8379 www.bellgossett.com



