A SUPERIOR ALTERNATIVE TO WET ROTOR PUMPS

• Maintenance-free
• Easily handles dirty water conditions
• Rugged, compact design
• 25% more efficient than competition
• Close-coupled dry motor

Series PL™
A SUPERIOR ALTERNATIVE TO WET ROTOR PUMPS

Quiet, Reliable Inline Circulators for Heating/Cooling & Plumbing Systems
Series PL
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
Maximum Working Pressure: 150 PSI (10.3 bar)
Maximum Operating Temperature: 225°F (107°C)

Materials of Construction
Pump Body: Cast Iron or Lead-Free* Bronze
Face Plate: Stainless Steel
Impeller: PL-55, PL-100 and PL-130 are Glass Filled PPS. PL30, PL-36, PL-45, PL-50, PL-75 are 30% Glass Filled Noryl®
Shaft: PL-55, PL-100 and PL-130 are Stainless Steel. PL30, PL-36, PL-45, PL-50, PL-75 are Carbon Steel with a Stainless Steel Shaft Sleeve
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

| Model Number | Part Number | Model Number | Part Number | Cast Iron Sizes - NPT | Lead Free Sizes - NPT | HP | Ø | Voltage | RPM | A | B | C | D | E | Approx. Shpp. Wt. lbs (kg) |
|--------------|-------------|--------------|-------------|-----------------------|-----------------------|----|----|---------|-----|----|----|----|----|--------------------------|
| PL-30        | 1BL012      | PL-30B       | 1BL013LF    | 3/4", 1", 1-1/4", 1-1/2" | 1/12th                | 1/12th | 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                  | 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                  | 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                  | 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                 | 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                  | 1/6th | 3400 | 9-15/16" (252) | 8-1/2" (216) | 7-3/8" (187) | 5-1/4" (132) | 4-5/8" (117) | 18.5 (8.4) |
| PL-100       | 1BL134      | PL-100B      | 1BL136LF    | 1", 1-1/4", 1-1/2"     | 2/5th                 | 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                 | 2/5th | 3200 | 10-3/4" (273) | 8-1/2" (216) | 8-1/4" (210) | 5-1/16" (132) | 5-1/8" (130) | 22 (10) |
| PL-130/3"    | 1BL070      | PL-130B/3"   | 1BL072LF    | 3"                   | 2/5th                 | 2/5th | 3200 | 10-3/4" (273) | 8-1/2" (216) | 8-1/4" (210) | 6" (153) | 5-1/8" (130) | 27 (12.2) |

* 230/60/1 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.