
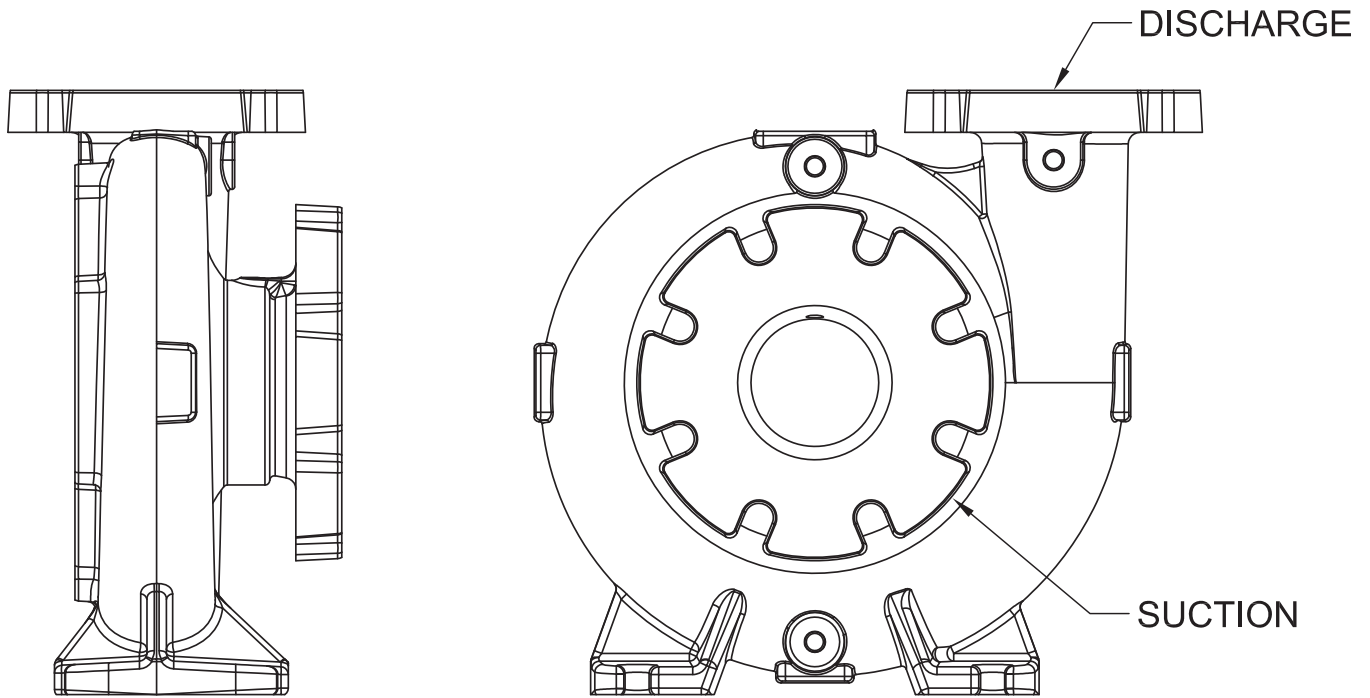


End Suction Back Pull-Out

| Standard Materials of Construction | | |
|---|---|---|
| Item No. | Name of Part | Standard Fitted |
| 1 | Casing | ASTM A48 CL30 (Cast Iron) - OR - ASTM A536 GR 65-45-12 (Ductile Iron) (in select sizes) |
| 2 | Impeller | ASTM B584-C87500 Silicon Brass < 0.25% Pb |
| 14 | Shaft Sleeve | C95400 (AL Bronze) |
| 26 | Impeller Screw | 302 Stainless Steel |
| 28 | Impeller Screw Washer | 302 Stainless Steel |
| 32 | Impeller Key | 303 Stainless Steel |
| 40 | Deflector | Neoprene |
| 65 | Mechanical Seal | Carbon/Ceramic/Buna |
| 71 | Adapter | ASTM A48 CL 30 (Cast Iron) |
| 73 | Casing O-Ring | Buna |
| Type Single Stage, End Suction, Ball Bearing Centrifugal Pumps (Grease Lubricated) | | |
| Description | Motor Size | |
| | 140JM / 180JM / 210JM Frame | 250JM / 280JM / 320JM Frame |
| Mechanical Seal (Carbon/Ceramic/Buna) | 1.250 Type 21 | 1.750 Type 1 |
| Key Sizes At Impeller | ³ / ₁₆ sq x 1 ¹ / ₄ | ¹ / ₄ sq x 2 ¹ / ₄ |
| Max Working Pressure (MWP) | | |
| Temperature Range | -20° to 200°F | 300°F |
| Pump Max Working Pressure (MWP) | 175psi | 165psi |
|  <p>WARNING: CANCER AND REPRODUCTIVE HARM - WWW.P65WARNINGS.CA.GOV</p> | | |

End Suction Back Pull-Out



| SIZE | PRESSURE CLASS | OUTSIDE DIAMETER (IN.) * | FLANGE THICKNESS MIN. (IN.) | NO. OF SLOTS | SLOT WIDTH (IN.) * | DIAMETER OF BOLT CIRCLE (IN.) |
|------|----------------|--------------------------|-----------------------------|--------------|--------------------|-------------------------------|
| 1 | 125# | 4.25 | 0.56 | 4 | 0.62 | 3.12 |
| 1¼ | 125# | 4.62 | 0.68 | 4 | 0.62 | 3.50 |
| 1½ | 125# | 5.00 | 0.72 | 4 | 0.62 | 3.88 |
| 2 | 125# | 6.00 | 0.81 | 4 | 0.74 | 4.75 |
| 2½ | 125# | 7.00 | 0.90 | 4 | 0.74 | 5.50 |
| 3 | 125# | 7.50 | 0.98 | 4 | 0.74 | 5.00 |
| 4 | 125# | 9.00 | 1.12 | 8 | 0.74 | 7.50 |
| 5 | 125# | 10.00 | 1.22 | 8 | 0.88 | 8.50 |
| 6 | 125# | 11.00 | 1.37 | 8 | 0.88 | 9.50 |
| 8 | 125# | 13.50 | 1.43 | 8 | 0.88 | 11.75 |
| 10 | 125# | N/A | N/A | 12 | 0.88 | 14.25 |

* The 10 inch suction on an 8R has drilled and tapped 7/8 holes.