PART NAME | STANDARD MATERIALS | AVAILABLE OPTIONS
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Casing, Heads, Relief Valve Cover | Ductile Iron: ASTM A536 | |
Discs, Liner | Cast Iron: ASTM A48 | |
Bearing Covers | Steel | |
Bearing Locknut and Lockwasher | Steel | |
**Rotor & Shaft** | | |
Rotor | Ductile Iron: ASTM A536 | |
Shaft | High Strength Steel | |
Relief Valve | Cast Iron: ASTM A48 | |
Relief Valve Spring | Plated Steel | |
Relief Valve Spring Setting |  | |
LGLD2, LGLD3 | 150 psi (10.34 Bar) Differential Pressure Non-Adjustable | |
LGLH2 | 190 PSI (13.1 Bar) Differential Pressure Non-Adjustable | |
O-Rings: Other than Mechanical Seal | Buna-N | |
Gaskets: Bearing Cover | Fiber | |
Vanes | Duravane – Full Size with Stainless Steel Wear Plate | |
Push Rods | LGLD2, LGLH2 | |
| LGLD3 | Case Hardened Steel | |
| | Non-metallic composite | |
Mechanical Seals | | |
Stationary O-Ring | Buna-N | |
Stationary Seat | Hardened Steel | |
Rotating O-Ring | Buna-N | |
Rotating Seal Face | Carbon | |
Seal Jacket | Plated Steel | |
Seal Spring | Stainless Steel | |
Companion Flanges | LGLD2, LGLH2 | |
| LGLD3 | Two 2" NPT Flanges, Ductile Iron: ASTM A536 | Two 2" Weld Flanges, Steel: ASTM A216 WCB |
Gage Ports | 1/4" NPT Tapped | |
**OPERATING LIMITS** | | |
Maximum Differential Pressure | | |
LGLD2, LGLD3 | 125 psi (8.62 Bar) (RV setting minus 25 psi / 1.7 Bar) | |
LGLH2 | 165 PSI (11.4 Bar) (RV setting minus 25 psi / 1.7 Bar) | |
Maximum Working Pressure | | |
LGLD2, LGLD3 | 350 psi (24.13 Bar) for LPG and NH₃ service (Limited by U.L. and NFPA 58) | |
LGLH2 | 390 PSI (26.8 Bar) for LPG and NH₃ service (Limited by U.L. and NFPA 58) | |
Minimum Temperature | -25°F (-31°C) | |