



**Single-Stage Series, 'HD' Air-Cooled and 'HDL' Liquid-Cooled**

| Model   | Single-Seal<br>Double-Seal<br>Triple-Seal | HD161<br>HD162<br>HD163                   | HD361<br>HD362 HDL362<br>HD363 HDL363     | HD602 HDL602<br>HD603 HDL603               | HDL322                                   | HDL342<br>HDL343                             | HDL642<br>HDL643                         | HD942 HDL942                                 |
|---|---|---|---|--|--|--|--|--|
| Number of Cylinders   |   | 2   | 2   | 2  | 2  | 2  | 2  | 2 (Double Acting)                            |
| Bore - in. (mm)   |   | 3.0 (76.2)                                | 4.0 (102)                                 | 4.625 (117)                                | 2.0 (51)                                 | 2.69 (68)                                    | 3.25 (82.5)                              | 4.625 (117)                                  |
| Stroke - in. (mm)   |   | 2.5 (63.5)                                | 3.0 (76)                                  | 4.0 (102)                                  | 3.0 (76)                                 | 3.0 (76)                                     | 4.0 (102)                                | 4.0 (102)                                    |
| MAWP - psia (bar)   |   | 350 (24.1)                                | 350 (24.1)                                | 350 (24.1)                                 | 1,000 (68.9)                             | 750 (51.7)                                   | 750 (51.7)                               | 350 (24.1)                                   |
| Piston rod dia. - in. (mm)  |   | 0.75 (19.1)                               | 0.75 (19.1)                               | 1.25 (31.8)                                | 0.75 (19.1)                              | 0.75 (19.1)                                  | 1.25 (31.8)                              | 1.25 (31.8)                                  |
| Min./Max. Speed (rpm)   |   | 350 / 825                                 | 350 / 825                                 | 350 / 825                                  | 350 / 825                                | 350 / 825                                    | 350 / 825                                | 350 / 825                                    |
| Piston Displacement<br>@ 100 rpm - CFM (m <sup>3</sup> /hr)<br>@ Min rpm - CFM (m <sup>3</sup> /hr)<br>@ Max rpm - CFM (m <sup>3</sup> /hr) |   | 2.05 (3.48)<br>7.16 (12.2)<br>16.9 (28.7) | 4.36 (7.41)<br>15.3 (26.0)<br>36.0 (61.2) | 7.78 (13.2)<br>27.2 (46.3)<br>64.2 (109.0) | 1.09 (2.80)<br>3.81 (9.8)<br>9.00 (23.1) | 1.97 (5.00)<br>6.89 (17.51)<br>16.25 (41.28) | 3.84 (6.5)<br>13.4 (22.8)<br>31.7 (53.8) | 14.99 (25.47)<br>52.46 (89.1)<br>125.2 (212) |
| Max. BHP (kw)   |   | 10 (7.5)                                  | 15 (11)                                   | 40 (30)                                    | 15 (11)                                  | 15 (11)                                      | 40 (30)                                  | 50 (37)                                      |
| Approx Wt. w/ Flywheel - lb. (kg)   |   | 225 (102)                                 | 365 (166)                                 | 705 (320)                                  | 385 (175)                                | 385 (175)                                    | 705 (320)                                | 905 (410)                                    |
| Inlet & Outlet, NPT - in.   |   | 0.75                                      | 1.5" ANSI 300#                            | 2" ANSI 300#                               | 1.5" ANSI 600#                           | 1.5" ANSI 600#                               | 2" 600# ANSI                             | 2" ANSI 300#                                 |

**Two-Stage Series, 'HD' Air-Cooled and 'HDL' Liquid-Cooled**

| Model   | Double-Seal<br>Triple-Seal | HD172 HDL172<br>HD173 HDL173              | HD372 HDL372<br>HD373 HDL373              | HD612 HDL612<br>HD613 HDL613              |
|---|----------------------------|---|---|---|
| # Cyl. Per Stage  |                            | 1   | 1   | 1   |
| Bore - in. (mm)   | Stage 1<br>Stage 2         | 3.0 (76.2)<br>1.75 (44.5)                 | 4.625 (117)<br>2.687 (68)                 | 6 (152)<br>3.25(.83)                      |
| Stroke - in. (mm)   |                            | 2.5 (63.5)                                | 3.0 (76)                                  | 4.0 (102)                                 |
| MAWP - psia (bar)   |                            | 615 (42.4)                                | 615 (42.4)                                | 415 (28.6)                                |
| Piston rod dia. - in. (mm)  |                            | 0.75 (19.1)                               | 0.75 (19.1)                               | 1.25 (31.8)                               |
| Min. / Max. Speed (rpm)   |                            | 350 / 825                                 | 350 / 825                                 | 350 / 825                                 |
| Piston Displacement<br>@ 100 rpm - CFM (m <sup>3</sup> /hr)<br>@ Min rpm - CFM (m <sup>3</sup> /hr)<br>@ Max rpm - CFM (m <sup>3</sup> /hr) |                            | 1.02 (1.73)<br>3.57 (6.07)<br>8.42 (14.3) | 2.92 (4.96)<br>10.2 (17.3)<br>24.1 (40.8) | 6.54 (11.1)<br>22.9 (38.9)<br>53.7 (91.2) |
| Max. BHP (kw)   |                            | 10 (7.5)                                  | 15 (11)                                   | 40 (30)                                   |
| Approx Wt. w/ Flywheel - lb. (kg)   |                            | 245 (111)                                 | 405 (184)                                 | 775 (352)                                 |
| Inlet / Outlet, NPT - in.   |                            | 0.75 / 0.75                               | 1.25 / 1.00                               | 2.00* / 1.50*                             |

\* NPT or Weld Flanges available

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