

Important Components Details

| COMPONENT | T SERIES | HC SERIES | P SERIES | K SERIES |
|-------------------|--|---|--|--|
| PLUNGER | HC / CERAMIC (<0.25 Ra) | CERAMIC (<0.25 Ra) | CERAMIC (<0.25 Ra) | CERAMIC / HARDENED (<0.25 Ra) |
| CYLINDER | FORGED / INVESTMENT CASTED STAINLESS STEEL | FORGED - BRASS | FORGED STAINLESS STEEL | FORGED STAINLESS STEEL |
| CRANK SHAFT | FORGED, HARDENED & GROUND-ALLOY STEEL | FORGED, HARDENED & GROUND-ALLOY STEEL | FORGED, HARDENED & GROUND-ALLOY STEEL | FORGED, HARDENED & GROUND-ALLOY STEEL |
| MAIN BODY | GRADED CAST IRON | HIGH STRENGTH ALLUMINIUM ALLOY DIE CASTED | GRADED CAST IRON | GRADED CAST IRON |
| VALVE ASSY. | STAINLESS STEEL | STAINLESS STEEL | STAINLESS STEEL | STAINLESS STEEL |
| PLUNGER SEAL | IMPORTED CHEVRONE SEAL | DURABLE FIBER-IMPREGNATED BUNA-N-SEAL | DURABLE FIBER-IMPREGNATED BUNA-N-SEAL/PTFE ARAMIDE | DURABLE FIBER-IMPREGNATED BUNA-N-SEAL/PTFE ARAMIDE |
| BUILT-IN GEAR BOX | NO | NO | NO | YES. WITH 2 NOS. HARDENED AND GROUND HELICAL GEARS |

1. Maximum permissible fluid temperature is 70° C. For higher temperature, please contact H.O.
2. Power calculations shown in the table is based on maximum rated pressure. However, for low pressure requirement, power will also be proportionally reduced. Pump speed lower than specified in above chart is also available for special application.
3. Given data of flow, pressure and power is for cleaning application. For Hydro Test application, higher pressure can be obtained.
4. Volumetric efficiency is considered @ 100 %, where not specified.
5. Weight and Dimension chart of major product is available on website.

There are other models to suit different application.

Conversion Table

PRESSURE : 1 Kg/Cm² = 1422 PSI = 0.98 Bar
FLOW RATE : 1 GPM = 3.8 LPM