

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