

PTP SERIES

Ultra High Pressure Air Pumps



Features

- High pressure air driven pump allows the applications of anti-explosion.
- Advanced high efficiency pump performs with easy handling, Low noise, high running reliability and low maintenance cost.
- Built-in smart sensor offers an automatic power-off at desired pressure.
- Hand-operated shank, can be manual drive or pneumatic drive.
- Inputting air source pressure of 60-120 psi.
- Precise pressure reducer provides the exact air pressure.
- Either Manual valve or pneumatic valve are available options for pressure controlling
- Independent outputs of multi branches provide Simultaneous operation of mutiple tensioners.

Reservoir Capacity: 1-1.5gal

Air Pressure Range: 60-110psi

Flow at Rated Pressure: 18-35 in³/min

Max. Operating Pressure: 21,750-40,000psi

Applications

This air pump works for hydraulic tools of ultra-high pressure over 10000psi, such as BTG, BTS and BTW series of bolting tensioners.



Quick Couplers

According to the required pressure, the APII quick Coupler is selected. For details, please refer to the section "hydraulic components".

Example

- QCS-D-G1/4:21750psi, G1/4 interface, complete set
- QCS-F -G1/4:40000psi, G1/4 interface, male connector



Hoses

According to the required pressure, the APII ultra high pressure hose is selected. For details, please refer to the section "hydraulic components".

Example

PH-D6-G1/4: Hose assembly, pressure 21750psi, polyurethane tube, length 0.24inch, joint thread G1/4 ".



| Model Number | Oil Flow | Pressure Rating | Usable Oil Capacity | Input Adapter | Output Adapter | Weight | Dimensions |
|--------------|----------------------|-----------------|---------------------|---------------|----------------|--------|--------------------|
| | in ³ /min | psi | gal | | | lbs | L x W x H (inch) |
| PTP-150 | 18 | 21750 | 1 | 1/2BSP | G1/4 | 35 | 13.4×12.6×15 |
| PTP-200 | 21 | 32625 | 1.5 | 1/2BSP | G1/4 | 53 | 15×14.2×15 |
| PTP-280 | 18 | 40000 | 1.5 | 1/2BSP | G1/4 | 53 | 15×14.2×15 |