

Pivot Series UP05 Pump Description

The Pivot Series combines a universal design with a unique frictionless Pivot-Shaft Air Valve to provide maximum performance and efficiency. This pump has been designed for simplified cleaning and maintenance and all Pivot Series pumps are designed for maximum fluid flow, and reduced air consumption.

The UP05 Pivot Series pump transfers fluid up to 14 gal/min. Combining a conventional flow design with a special pivoting air valve for increased reliability. This pump can be used as a stand-alone pump for transfer or as a system pump for fluid distribution.

Pivot Series UP05 Pump Models Available

- ☐ **1120-046** 1/2" Diaphragm Pump Aluminium UP05A-NAC-AHC
- ☐ **1120-047** 1/2" Diaphragm Pump Polypropylene UP05B-NPS-PMA
- ☐ **1120-052** 1/2" Diaphragm Pump Conductive Polypropylene UP05B-BPS-PMA (DEF)

Pivot Series UP05 Pump Specifications

- 3.1. AODD Pump will have an air inlet port of 1/4" NPT(F)
- 3.2. AODD Pump will have a fluid inlet port of 1/2" NPT(F)
- 3.3. AODD Pump will have a fluid outlet port of 1/2" NPT(F)
- 3.4. AODD Pump 1120-046 will have a free flow of 13.5 gal/min (51 l/min) based on 100 psi (7 bar) air pressure
- 3.5. AODD Pump 1120-047 will have a free flow of 14.3 gal/min (54 l/min) based on 120 psi (8 bar) air pressure
- 3.6. AODD Pump 1120-052 will have a free flow of 14.3 gal/min (54 l/min) based on 120 psi (8 bar) air pressure
- 3.7. AODD Pump 1120-046 will have an operating air pressure of 20 to 100 psi (1.5 to 7 bar)
- 3.8. AODD Pump 1120-047 will have an operating air pressure of 20 to 120 psi (1.5 to 8 bar)
- 3.9. AODD Pump 1120-052 will have an operating air pressure of 20 to 100 psi (1.5 to 7 bar)
- 4.0. AODD Pump will have a maximum size of suspended solids of 3/32" (2.5 mm)

Materials

- 4.1. 1120-046 - The wetted materials will consist of A=Aluminum, H=Hytrel, C=Hytrel
- 4.2. 1120-047 - The wetted materials will consist of P= Polypropylene, M= Santoprene, A= Santoprene
- 4.3. 1120-052 - The wetted materials will consist of P= Polypropylene, Santoprene, Santoprene

Warranty

- 5.1. The Pivot Series UP05 Pump will have a 1-year standard warranty on defects in materials and workmanship only.