

Last updated: 19/06/2023 10:33:13

DOUBLE DIAPHRAGM PUMP 307 POLY

Product group: **422** Product number: **604918**

Designed to operate at low air pressure while delivering a smooth, reliable flow. Model 307 pumps are ideal for transferring a wide variety of fluids.



Product information

This pump is designed to operate at low air pressure while delivering a smooth, reliable flow. Model 307 pumps are ideal for transferring a wide variety of fluids. The air motor body is constructed of polypropylene and stainless steel to resist external corrosion. This polypropylene wetted construction model is with Teflon diaphragms and ball checks, suitable for most chemicals including acids and caustic fluids.

Typical applications

- Sampling and testing
- Drum transfer for fluids up to 1000 centipoise
- Circulation of low viscosity inks, detergents and chemicals
- Fluid circulation and evacuation
- Waste fluid removal
- On-demand batch chemical metering
- Low viscosity adhesive supply
- Consistent low pressure process fluid supply

Typical fluids handled by this pump:

- Acids: Hydrochloric Sulphuric, Phosphoric
- Bleach: Sodium Hypochlorite (<12%)
- Base: Sodium Hydroxide, Ammonia, Hydrogen peroxide, Potassium hydroxide

Features

- Easy maintenance
- Fluid compatibility
- Unique, patented air valves
- Precision-fitted parts

Benefits

- Quick priming and immediate flow of product
- Handles fluid viscosities up to 5000 cps and solids up to 0.09 in (2.29 mm)
- Excellent for abrasive, low-to-medium viscosity fluids and shear sensitive materials

Specification

General

Invent Hazard Material (IMO/EU) classification	NA
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Dimensions/Weight

Height [mm]	206
Length	203
Pumpable solid size [mm]	1.6 maximum
Suction height	3.7
Weight [kg]	2.2
Width [mm]	135

Technical data

Air consumption [m ³ /min]	0,156 maximum
Air inlet connection [inch]	1/4 NPT
Air pressure [bar]	1.4 - 7 working range
Fluid inlet connection [inch]	3/8 NPT
Operating fluid pressure [bar]	7 maximum
Operating temperature [°C]	4,4 - 65,5 range
Suction lift [m]	3.7 maximum

Performance data

Flow capacity [l/min]	24.6 maximum
Pump Speed [cpm]	330 maximum

Documents

[SDoC and MD for IHM](#)

Related products

Accessories

191874

20 UPMPLUG 1/4" MALE BSP.T

671750

AIR HOSE 3/8", RUBBER (50 MTR. COIL)

607832

FLUID SECTION REPAIR KIT F/MOD. 307

607833

AIR VALVE KIT

607830

STAINLESS NIPPLE F/307

191684

30 USH SOCKET 3/8" HOSE

Is frequently bought together with

905034

OXYGEN O-40 FILLING

905026

ACETYLENE A-40 FILLING

752154

REFRIGERATION HANDY TOOLS CASE

652522

REFRIGERANT RECOVERY PACKAGE F/220V

607439

SAFETY SHOVEL

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