

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

607833	AIR VALVE KIT	191874	20 UPM PLUG 1/4" MALE BSP.T
607830	STAINLESS NIPPLE F/307	671750	AIR HOSE 3/8", RUBBER (50 MTR. COIL)
191684	30 USH SOCKET 3/8" HOSE		
607832	FLUID SECTION REPAIR KIT F/MOD. 307		

Is frequently bought together with

752154	REFRIGERATION HANDY TOOLS CASE	607439	SAFETY SHOVEL
905026	ACETYLENE A-40 FILLING		
652522	REFRIGERANT RECOVERY PACKAGE F/220V		
905034	OXYGEN O-40 FILLING		

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