

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]	
Suction height	3.7
Weight [kg]	2.2
Width [mm]	135

Technical data

Air consumption [m³/min]	
Air inlet connection [inch]	
Air pressure [bar]	
Fluid inlet connection [inch]	
Operating fluid pressure [bar]	
Operating temperature [°C]	
Suction lift [m]	

Performance data

Flow capacity [l/min]	
Pump Speed [cpm]	

Documents

[SDoC and MD for IHM](#)

Related products

Accessories

- 191874
20 UPMP LUG 1/4" MALE BSP.T
- 671750
AIR HOSE 3/8", RUBBER (50 MTR. COIL)

607830
STAINLESS NIPPLE F/307

607833
AIR VALVE KIT

607832
FLUID SECTION REPAIR KIT F/MOD. 307

191684
30 USH SOCKET 3/8" HOSE

Is frequently bought together with

905026
ACETYLENE A-40 FILLING

905034
OXYGEN O-40 FILLING

752154
REFRIGERATION HANDY TOOLS CASE

652522
REFRIGERANT RECOVERY PACKAGE F/220V

607439
SAFETY SHOVEL

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