

Product group: 422 Product number: 718643

The diaphragm pump is built with the highest quality precision parts. It combines low weight with long lasting, even when used with abrasive fluids, making this pump very cost effective. Professionals turn to this pump because it offers an easy, hands-off solution to your fluid handling needs.



Product information

This is the highest capacity double diaphragm pump in its price class. With all the same durable features of the smaller model, the 1590 has 1,5" npt ports that can take on the heavier, more viscous materials and pump them faster with greater tolerance for suspended solids. Model 1590 has an air valve system that is 100% serviceable without disassembly of the wetted parts, saving valuable maintenance time. This pump requires no air line lubrication, which also saves money.

- Highest reliability air valves for no stall operation
- No Lube air valves reduce routine maintenance
- High flow design with complete range of diaphragm options
- Rugged construction for long, trouble free performance
- Ideal for spill response and all types of transfer applications

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 3/16 in (4,8 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]	445
Length [mm]	554
Pumpable solid size [mm]	
Weight [kg]	16
Width [mm]	265

Technical data

Air consumption [m³/min]	
Air inlet connection [inch]	
Air pressure [bar]	
Fluid inlet and outlet size [inch]	1-1/2
Operating fluid pressure [bar]	
Operating temperature [°C]	
Suction lift [m]	5.48

Performance data

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

Documents

[SDoC and MD for IHM](#)

Related products

Accessories

718650
HOSE FLANGES SET FOR 1590 POLY

742916
SUCTION HOSE FOR 1590

729462
HOSE NIPPLES FOR 1590 PUMP

Is frequently bought together with

191890
40 UPMPLUG 1/2" MALE BSP.T

671719
AIR HOSE 1/2"" , PVC 50 M COIL

632794
TIG GLOVES. 6 PAIRS

191692
40 USH SOCKET 1/2" HOSE

607441
SQUEEGEE W/WOODEN HANDLE

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