

Equipment

Designation	Part number
Pump 01D140	144907010
Pump 01D140E	144907015

Accessories

Designation	Part number
Fitting M3/4 M26x125 SST	050102445
Stainless steel Suction rod Ø23 plunging tube length elbowed 570 mm	149596150
Stainless steel Suction rod Ø23 plunging tube length 1000mm elbowed (for 200 liters drums)	149596160

Kits

Designation	Part number
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Spare Parts

Designation	Part number
Diaphragm kit for 01D140	144907011
Ball valve kit for 01D140	144907012
Seals and Springs kit for 01D140	144907013
Pneumatic valve kit for 01D140	144907014
Diaphragm kit for 01D140E	144907016
Pneumatic seals kit for 01D140	144907018

01D140

Diaphragm pump

Airspray / Pumps



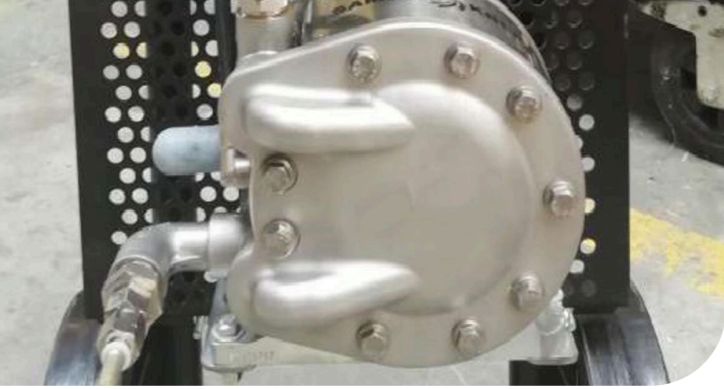
ULTIMATE HIGH PERFORMANCE AND COMPACT DESIGN DIAPHRAGM PUMP!

- Perfect for frequent color changes
- Reliable and sustainable
- Low cost of ownership

Markets



BOND • PROTECT • BEAUTIFY



01D140

Diaphragm pump

The 01D140 pneumatic, double diaphragm pump is designed for fluid transfer and small circulating systems with 1:1 ratios. These pumps will deliver high performance and long-term reliability.

01D140 is the new pneumatic, double diaphragm pump from **Sames** designed for fluid transfer and small circulating systems with multiple guns.

This pump benefits from a compact design making it very easy to integrate into paint systems. Its advanced construction guarantees fast flushing which makes the pump perfectly adapted for fast color-changing systems.

For waterborne abrasive product applications such as porcelain and ceramic, the 01D140E is designed with specific EPDM diaphragms. The 01D140E has the same benefits and components as the 01D140 except for the diaphragm material.



Technical data table

Designation	Value	Unit: metric (US)
Pressure Ratio	1:1	
Maximum Air Pressure	8 (116)	bar (psi)
Maximum Temperature	65 (149)	°C (°F)
Sound Level	68	dBa
Fluid Volume per Cycle	140 (4.7)	cc
Free Flow Rate	60 (15.6)	l/mn (gal/mn)
Maximum Viscosity	15000	cps
Fluid Outlet	3/4"	
Fluid Inlet	3/4"	
Length	232 (9.1)	mm (in)
Height	174 (6.85)	mm (in)
Width	130 (5.1)	mm (in)
Weight	6.2 (13.2)	kg (lbs)



Diaphragm



Technologies



Description

Performance

- 1 Compact, light, and modular for easy integration
- 2 Inlet & outlet connection ports can rotate 90°
- 3 Low noise pollution due to cutting edge design with integrated silencer
- ◆ Low shear technology due to diaphragm short-stroke

Productivity

- ◆ High flow rate due to a short-stroke high-frequency diaphragm
- ◆ Perfect for fast and frequent color changes
- ◆ Easy flushing due to optimized designed fluid chamber

Sustainability

- 1 Durable pump, all stainless steel body, ceramic pneumatic valve, and long-lasting PTFE diaphragms
- ◆ Advanced soft seat design minimizes paint shearing
- ◆ Low & easy maintenance (easy access to wearing parts, long-life diaphragm)
- ◆ An abrasive version of the pump is also available for waterborne abrasive products (01D140E - comes with EPDM diaphragms)

