

Equipment

Designation	Part number
Pump 04D140	144907020

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

Spare Parts

Designation	Part number
Pneumatic valve kit for 04D140	144907024
Pneumatic seals kit for 04D140	144907028
Seals and Springs kit 04D140	144907023
Diaphragm kit for 04D140	144907021
Ball valve kit for 04D140	144907022

04D140

Diaphragm pump

Airspray / Pumps



ULTIMATE HIGH PERFORMANCE, COMPACT DESIGNED CIRCULATION PUMP

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

Markets



BOND • PROTECT • BEAUTIFY



04D140

Diaphragm pump

The 04D140 pneumatic, double diaphragm pump is designed for low-pressure circulating systems with a ratio of 3.5:1. These pumps will deliver high performance and durability.

04D140 is the new pneumatic, double diaphragm pump from **Sames** designed for low-pressure circulating systems, capable of feeding multiple guns. **Sames** is proud to introduce the new 3.5:1 pump into our low-pressure range of pumps.

This pump benefits from a compact design making it very easy to integrate into paint systems.

Its advanced construction guarantees fast **flushing** making the pump perfectly adapted for **fast color change systems**.



Technical data table

Designation	Value	Unit: metric (US)
Pressure Ratio	3.5:1	
Maximum Air Pressure	6 (87)	bar (psi)
Maximum Temperature	65 (149)	°C (°F)
Sound Level	67	dBa
Fluid Volume per Cycle	140 (4.7)	cc
Free Flow Rate	50 (13.2)	l/mn (gal/mn)
Maximum Viscosity	15000	cps
Air Inlet	F 1/2" G	
Fluid Outlet	3/4" BSP	
Fluid Inlet	3/4" BSP	
Length	232 (9.1)	mm (in)
Height	251 (9.9)	mm (in)
Width	188 (7.4)	mm (in)
Weight	15 (33)	kg (lbs)



Diaphragm

Performance

- 1 Low shear technology due to diaphragm short stroke
- 2 Compact, light and modular for easy integration
- ◆ Low noise pollution due to cutting edge design with integrated silencer

Productivity

- 1 High flow rate due to a short-stroke high frequency diaphragm
- ◆ Quick and easy flushing for fast and frequent color changes
- ◆ Easy flushing due to optimized designed fluid chamber
- ◆ Compatible with piggyback circulation systems

Sustainability

- 2 Durable pump, all stainless steel body, ceramic pneumatic valve and long-lasting PTFE diaphragms
- 3 Advanced soft seat design minimizes paint shearing
- ◆ Low & easy maintenance (easy access to wearing parts, long-life diaphragm)



Technologies



Description

