SKU F0021400A

PIUSI P3.5:1 Pneumatic Oil Piston Pump

Air operated, double effect piston pump for transferring medium viscosity oil over short distances. Up to 21.5 L/min, 3.5:1 compression ratio, 3 to 8 bar air pressure. ST version with 175 mm suction tube.



21.5 L/min
Maximum flow rate

3.5:1
Compression ratio

3 to 8 bar
Air pressure

Key features

- Double effect piston pump for medium viscosity oil
- Low operational speed
- Metal free diffuser
- Supplied with a bung adaptor
- Noise below 77 dB, measured 1 m from the pump mounted over a drum
- F 1" BSP suction and M 1/2" BSP outlet

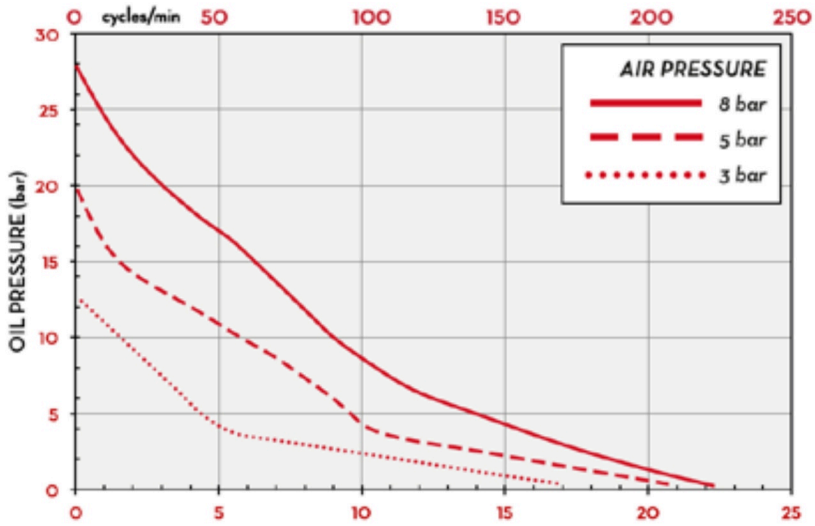
Technical data

SPECIFICATION	VALUE
Order code	F0021400A (ST version)
Flow rate	21.5 L/min (5.7 GPM)
Compression ratio	3.5:1
Air operating pressure	3 to 8 bar (43.5 to 116 psi)
Air consumption	200 to 250 L/min
Suction tube length	175 mm
Air inlet	F 1/4" BSP
Oil side suction	F 1" BSP
Oil side outlet	M 1/2" BSP
Polyurethane seals	Yes
Fluid	Oil, medium viscosity
Materials	Technopolymer air motor, die cast steel body
Overall height (A)	445 mm

In the box

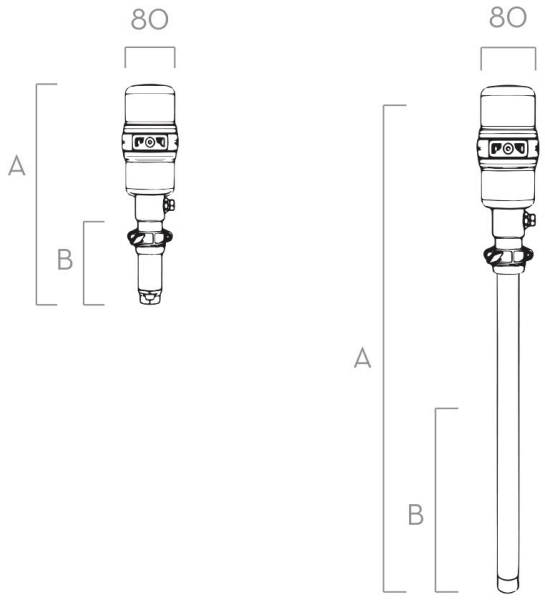
Pump, bung adaptor and instruction manual.

Performance



Oil pressure (bar) against flow rate (L/min) and cycles per minute at 3, 5 and 8 bar air, tested on SAE 20 (ISO VG68) oil at 18 °C.

Dimensions



Left: ST version (this code), A 445 mm, B 175 mm, 80 mm wide. Right: 940 version, not this listing. Dimensions in mm.