

Ref.: 536630



PNEUMATIC PISTON OIL PUMP, PUMPMASTER 45, PM45 - 6:1, STUB

PM45 series air operated piston pumps. Double acting air operated medium pressure for large systems with simultaneous operation outlets that require a high delivery pump. Built in port for optional pressure relief valve (PN 609 007). Flange mounted pump. Maximum air consumption with 5 bar (72 psi) air inlet pressure and 80 cpm. Maximum noise level measured at 1 m (3.3') from the pump, 7 bar (102 psi) air pressure and free delivery. Instruction book: 853802.

Technical data

Documentation

More information

Fluids	Oil
Compatible fluids	Oil, Transmission fluid
Pump mounting	Universal stub pump
Pressure ratio	6:1
Air pressure operating range	1,5-12 bar (21,75-174 psi)
Air consumption	830 NL/min (29 scfm)
Maximum outlet pressure	72 bar (1044 psi)
Air motor effective diameter	115 mm (4,5")
Air motor stroke	100 mm (4")
Delivery per cycle	25 l (6,6 gal)
Cycles per minute (aprox.)	80 cycles
Delivery	25 l/min (6,6 gal/min)
Maximum free flow delivery	95 l/min (25,1 gal/min)
Air inlet	1/2" BSP (F)
Fluid inlet	1 1/2" BSP (F)
Fluid inlet type	Ball check
Fluid outlet	3/4" BSP (F)
Wetted materials	Cast iron, Hard chromed steel, Steel, Polyurethane, NBR
Pump tube material	Carbon steel
Sound level	80 dB
Tube height	200 mm (7,9")
Total height	702 mm (2,3")
Weight	17 kg (37,5 lb)

Technical data

Documentation

More information

Instruction manuals

853802 Instruction book: Pneumatic piston oil pump, Pumpmaster 45, PM45 - 6:1 (PDF)

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Catalogs

Product catalogue: GENERAL EXPORT, 2024 EN (PDF)

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Spare parts

Spare part document: PM4506 536630 (PDF)

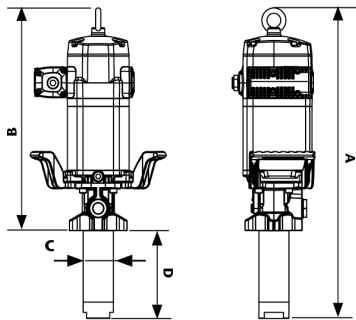
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Technical data

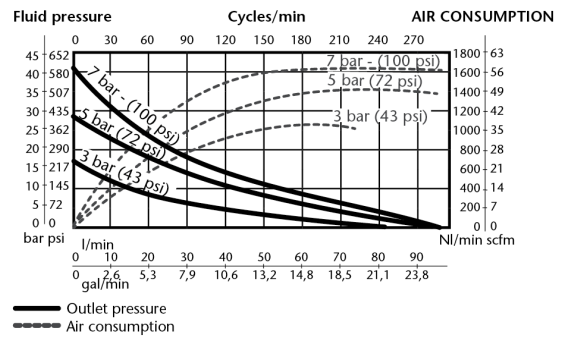
Documentation

More information

mm (in)	536630
A	702 (28")
B	502 (20")
C	70 (2 13/4")
D	200 (8")



SAE 10, 21 °C (70 °F) CAPACITY CURVE



Models

Code	Fluids	Pump Mounting	Fluid Outlet	Tube Height	Total Height
536630	Oil	Universal stub pump	3/4" BSP (F)	200 mm (7,9")	702 mm (2,3")
536631	Oil	Universal stub pump	3/4" NPT (F)	200 mm (7,9")	702 mm (2,3")