

Ref.: 531211



PNEUMATIC PISTON GREASE PUMP, PUMPMaster 45, PM45 - 25:1, DRUM, NPT

PM45 series air operated piston pumps. Moderate pressure, high delivery double acting pumps for transfer of grease up to NLGI-2. Also recommended for use with low viscosity grease in centralized grease systems that do not require a very high pressure output and in large distribution systems of high viscosity oils. Pumps are available with tube length to fit commercial 185 kg - 400 lb drums and they are available for cover mount to 185 kg - 400 lb open drums using a drum cover 418 017. Air consumption at 5 bar (70 psi) air pressure, NLGI-2 grease at 20 °C (68 °F) and 80 cpm. Noise level measured at 1 m (3.3') from the pump, 7 bar (100 psi) air pressure and free delivery. Instruction book: 853808.

Technical data

Documentation

More information

Fluids	Grease
Compatible fluids	Grease, High Viscosity oil
Pump mounting	185 kg (400 lb) drums
Pressure ratio	25:1
Air pressure operating range	1,5-14 bar (21,75-203 psi)
Air consumption	1340 NL/min (47 scfm)
Maximum outlet pressure	350 bar (5075 psi)
Air motor effective diameter	115 mm (4,5")
Air motor stroke	100 mm (4")
Delivery per cycle	16 kg (35,3 lb)
Cycles per minute (aprox.)	80 cycles
Delivery	6 kg/min (13,2 lb/min)
Maximum free flow delivery	16 kg/min (35,3 lb/min)
Air inlet	1/2" NPT (F)
Fluid inlet type	Ball check
Fluid outlet	1/2" NPT (F)
Wetted materials	Cast iron, Steel, Hard chromed steel, UHMWPE, NBR
Pump tube material	Carbon steel
Sound level	80 dB
Tube height	855 mm (33,7")
Total height	1357 mm (53,4")
Weight	24 kg (53 lb)

Technical data

Documentation

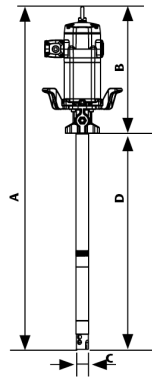
More information

Technical data

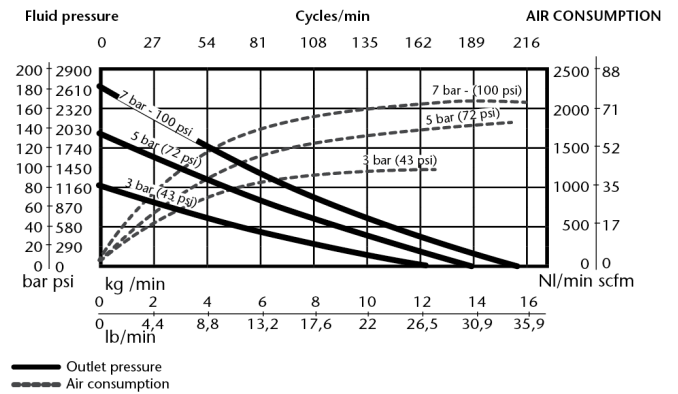
Documentation

More information

mm (in)	531 210
A	1.357 (53 1/4")
B	502 (19 3/4")
C	50 (2")
D	855 (33 1/2")



NLGI-0, 21 °C (70 °F) CAPACITY CURVE



Models

Code	Fluids	Pump Mounting	Fluid Outlet	Tube Height	Total Height
531211	Grease	185 kg (400 lb) drums	1/2" NPT (F)	855 mm (33,7")	1357 mm (53,4")
531210	Grease	185 kg (400 lb) drums	1/2" BSP (F)	855 mm (33,7")	1357 mm (53,4")