

Ref.: 531210



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

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

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

### Technical data

### Documentation

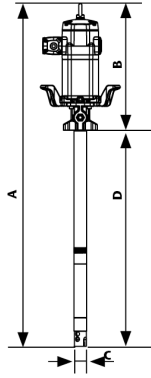
### More information

Technical data

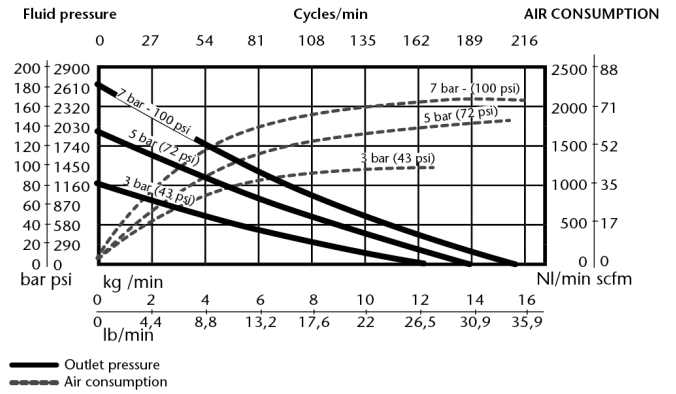
Documentation

More information

mm (in)	<b>531 210</b>
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
531210	Grease	185 kg (400 lb) drums	1/2" BSP (F)	855 mm (33,7")	1357 mm (53,4")
531211	Grease	185 kg (400 lb) drums	1/2" NPT (F)	855 mm (33,7")	1357 mm (53,4")