

Ref.: 531710

PNEUMATIC PISTON GREASE PUMP, PUMPMASTER 45, PM45 - 70:1, 185 KG (400LB) DRUMS

PM45 series air operated piston pumps. High pressure double acting pump for use in applications that require extra pressure output or when cold temperatures a low air pressure could limit pump performance. Pumps can be used with grease up to NLGI-2 viscosity. These pumps can be used in large distribution systems that include simultaneous operation outlets. Pumps are available for cover mount to 50 kg - 120 lb and 185 kg - 400 lb open drum and for horizontal and side mount on grease totes and bags. 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: 853806.

Technical data Documentation More information

Fluids	Grease
Compatible fluids	Grease
Pump mounting	185 kg (400 lb) drums
Pressure ratio	70:1
Air pressure operating range	1,5-7 bar (21,75-101,5 psi)
Air consumption	925 NL/min (32,6 scfm)
Maximum outlet pressure	490 bar (7105 psi)
Air motor effective diameter	115 mm (4,5")
Air motor stroke	100 mm (4")
Delivery per cycle	7,5 kg (16 lb)
Cycles per minute (aprox.)	80 cycles
Delivery	2 kg/min (4,5 lb/min)
Maximum free flow delivery	7,5 kg/min (16,5 lb/min)
Air inlet	1/2" BSP (F)
Fluid inlet type	Chop-check
Fluid outlet	1/2" BSP (F)
Wetted materials	Cast iron, Steel, Hard chromed steel, UHMWPE, NBR, PTFE
Pump tube material	Carbon steel
Sound level	80 dB
Tube height	855 mm (33,7")
Total height	1357 mm (53,4")
Weight	25 kg (55 lb)

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Instruction manuals

853806 Instruction book: Pneumatic piston grease pump, Pumpmaster 45, PM45 - 70:1 (PDF)

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Catalogs

Product catalogue: GENERAL EXPORT, 2024 EN (PDF)

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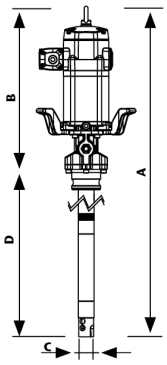
Spare parts

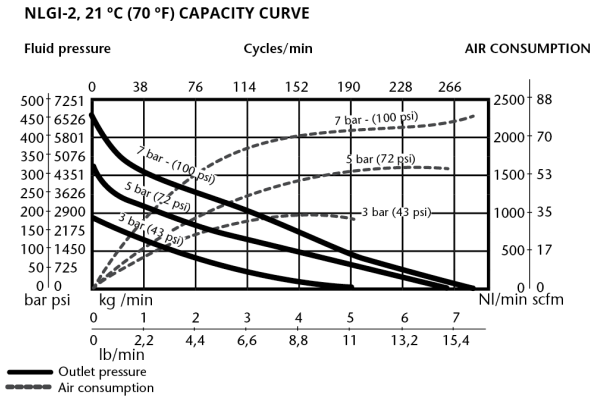
Spare part document: PM4503 531710 (PDF)

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Technical data Documentation **More information**

mm (in)	531 710
A	1.357 (53 1/4")
B	502 (19 3/4")
C	50 (2")
D	855 (33 1/2")





Models

Code	Fluids	Pump Mounting	Fluid Outlet	Tube Height	Total Height
531710	Grease	185 kg (400 lb) drums	1/2" BSP (F)	855 mm (33,7")	1357 mm (53,4")
531730	Grease	Bulk tote	1/2" BSP (F)	490 mm (19,3")	992 mm (39")
531720	Grease	50 kg (120 lb) drums	1/2" BSP (F)	650 mm (25,6")	1152 mm (45,3")
531731	Grease	Bulk tote	1/2" NPT (F)	490 mm (19,3")	992 mm (39")
531721	Grease	50 kg (120 lb) drums	1/2" NPT (F)	650 mm (25,6")	1152 mm (45,3")
531711	Grease	185 kg (400 lb) drums	1/2" NPT (F)	855 mm (33,7")	1357 mm (53,4")