

Ref.: 405100



## PNEUMATIC PISTON GREASE PUMP, PUMPMaster 3, PM3 - 55:1, 50 KG (120 LB) DRUMS

PM3 air operated piston pumps. Light weight and effective high pressure delivery air operated pumps specially designed for use in mobile and portable greasing units. Pumps are available with four different suction tube lengths, to fit all commercial grease drums: 12,5 - 20 kg (35 lb), 50 kg (120 lb) and 185 kg (400 lb). They include a height adjustable 2" BSP (M) bung adaptor. Maximum air consumption with 6 bar (87 psi) air inlet pressure, NLGI-2 grease at 20 °C and 110 cpm. Maximum free delivery at 7 bar (100 psi). NLGI-2 grease. Maximum noise level measured at 1 m (3.3') from the pump, 7 bar (100 psi) air pressure and free delivery. Instruction book: 840801.

### Technical data

### Documentation

### More information

<b>Fluids</b>	Grease
<b>Compatible fluids</b>	Grease
<b>Pump mounting</b>	50 kg (120 lb) drums
<b>Pressure ratio</b>	55:1
<b>Air pressure operating range</b>	1,5-10 bar (21,75-145 psi)
<b>Air consumption</b>	165 NL/min (5,8 scfm)
<b>Maximum outlet pressure</b>	550 bar (7975 psi)
<b>Air motor effective diameter</b>	70 mm (2,75")
<b>Air motor stroke</b>	35 mm (1,4")
<b>Delivery per cycle</b>	300 g/min (0,67 lb)
<b>Cycles per minute (aprox.)</b>	110 cycles
<b>Delivery</b>	300 g/min (0,67 lb/min)
<b>Maximum free flow delivery</b>	540 g/min (1,2 lb/min)
<b>Air inlet</b>	1/4" NPSM (F)
<b>Fluid inlet type</b>	Chop-check
<b>Fluid outlet</b>	1/4" NPSM (F)
<b>Wetted materials</b>	Steel, Zinc, NBR, PTFE
<b>Pump tube material</b>	Carbon steel
<b>Sound level</b>	92 dB
<b>Tube height</b>	510 mm (20")
<b>Total height</b>	710 mm (27,9")
<b>Weight</b>	3,7 kg (8 lb)

### Technical data

### Documentation

### More information

## Instruction manuals

840801 Instruction book: Pneumatic piston grease pump, Pumpmaster 3, PM3 - 55:1 (PDF)

[Download](#)

## Catalogs

Product catalogue: GENERAL EXPORT, 2024 EN (PDF)

[Download](#)

## Spare parts

Spare part document: PM0301 404100 (PDF)

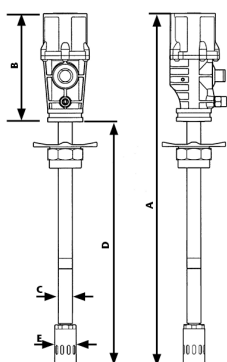
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## Technical data

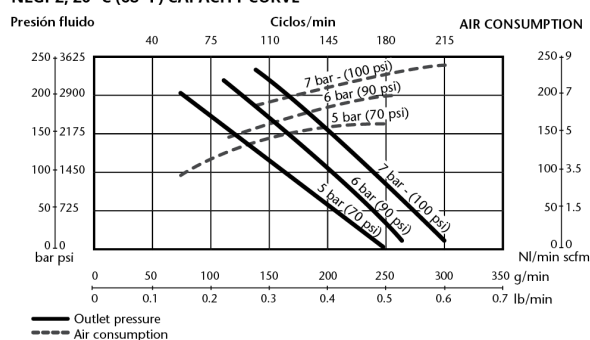
## Documentation

## More information

mm (in)	405 100
A	710 ( )
B	200 ( )
C	26 ( )
D	510 ( )
E	38 (1 1/2")



NLGI-2, 20 °C (68 °F) CAPACITY CURVE



## Models

Code	Fluids	Pump Mounting	Fluid Outlet	Tube Height	Total Height
405100	Grease	50 kg (120 lb) drums	1/4" NPSM (F)	510 mm (20")	710 mm (27,9")
409200	Grease	185 kg (400 lb) drums	1/4" NPSM (F)	920 mm (36")	1120 mm (44")
407200	Grease	50 kg (120 lb) drums	1/4" NPSM (F)	725 mm (28,5")	925 mm (36,4")
404100	Grease	12,5 - 20 kg (40 lb) pails	1/4" NPSM (F)	410 mm (16")	650 mm (25,6")