

Ref.: 404100



PNEUMATIC PISTON GREASE PUMP, PUMPMaster 3, PM3 - 55:1, 12,5 - 20 KG (40 LB) PAILS

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 6 bar (87 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

Fluids	Grease
Compatible fluids	Grease
Pump mounting	12,5 - 20 kg (40 lb) pails
Pressure ratio	55:1
Air pressure operating range	1,5-10 bar (21,75-145 psi)
Air consumption	165 NL/min (5,8 scfm)
Maximum outlet pressure	550 bar (7975 psi)
Air motor effective diameter	70 mm (2,75")
Air motor stroke	35 mm (1,4")
Delivery per cycle	300 g/min (0,67 lb)
Cycles per minute (aprox.)	110 cycles
Delivery	300 g/min (0,67 lb/min)
Maximum free flow delivery	540 g/min (1,2 lb/min)
Air inlet	1/4" NPSM (F)
Fluid inlet type	Chop-check
Fluid outlet	1/4" NPSM (F)
Wetted materials	Steel, Zinc, NBR, PTFE
Pump tube material	Carbon steel
Sound level	92 dB
Tube height	410 mm (16")
Total height	650 mm (25,6")
Weight	3,5 kg (7,7 lb)

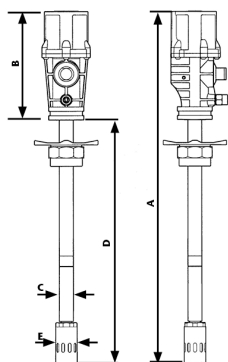
Technical data

Documentation

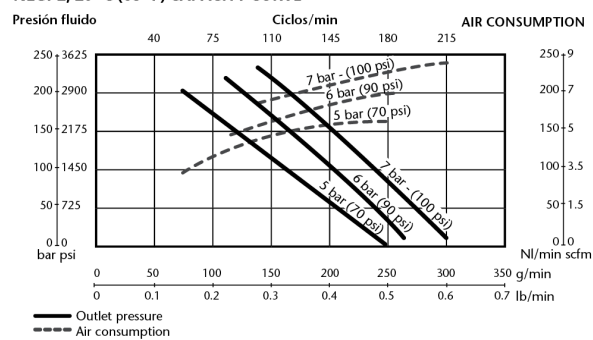
More information

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mm (in)	404 100
A	610 (24")
B	200 (8")
C	26 (1")
D	410 (16")
E	38 (1 1/2")



NLGI-2, 20 °C (68 °F) CAPACITY CURVE



Models

Code	Fluids	Pump Mounting	Fluid Outlet	Tube Height	Total Height
404100	Grease	12,5 - 20 kg (40 lb) pails	1/4" NPSM (F)	410 mm (16")	650 mm (25,6")
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")
405100	Grease	50 kg (120 lb) drums	1/4" NPSM (F)	510 mm (20")	710 mm (27,9")