



PUMPMaster 45 - 3:1 Ratio Oil Pump

PM45 HEAVY-DUTY SERIES

HEAVY-DUTY VOLUME TRANSFER PUMP

Double acting air operated medium pressure and high delivery pump for large volume transfer applications. Built in port for optional (PN 609 007) pressure relief valve. **Flange mounted pump.**



FLUIDS HANDLED

- Synthetic and mineral based oil.
- Hydraulic oil.
- Gear lube.
- Transmission fluid.

MARKETS SERVED

- Construction equipment.
- Mining equipment.
- Large fleets.
- Railroad and mass transit maintenance.
- Marine.
- In plant oil distribution and transfer.

MODELS		
PART No.	APPLICATION	WEIGHT
536 331	Universal stub pump. Flange mounted	38 lb (17 kg)

TECHNICAL DATA PRESSURE RATIO 3:1

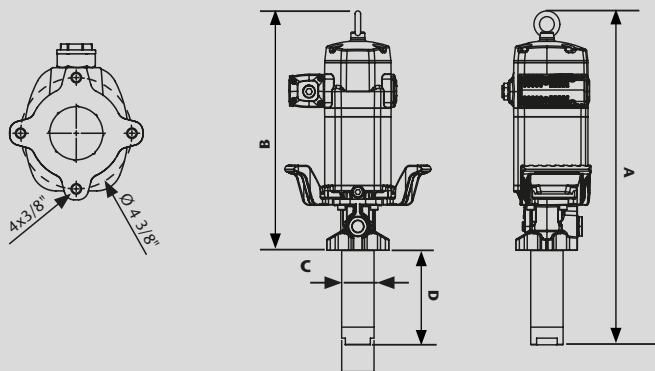
Air pressure operating range	20 to 170 psi (1,5 to 12 bar)
Air consumption (1)	28 scfm (800 NI/min)
Maximum fluid outlet pressure	510 psi (36 bar)
Air motor effective diameter	4 1/2" (115 mm)
Air motor stroke	4" (100 mm)
Delivery at 80 cpm	12 gal/min (45 l/min)
Maximum free flow delivery	32 gal/min (120 l/min)
Air inlet	1/2" NPTF
Fluid inlet	1 1/2" NPTF
Fluid outlet	3/4" NPTF
Wetted and seal materials	Cast iron / Nickel / Aluminium / Steel / Polyurethane / NBR
Noise level (2)	80 dB
Manual	853 817

(1) Maximum air consumption with 72 psi (5 bar) air inlet pressure and 80 cpm.

(2) Maximum noise level measured at 3' (1 m) from the pump, 100 psi (7 bar) air pressure and free delivery.

DIMENSIONS Inches - (mm)

PART No.	536 331
A	28" (702)
B	20" (502)
C	3 1/2" (90)
D	8" (200)



SAE 10, 70 °F (21 °C) CAPACITY CURVE

