



PUMPMASTER 35 - 8:1 RATIO OIL PUMP

PM35 HEAVY-DUTY SERIES

HEAVY-DUTY HIGH PRESSURE PUMP

Double acting air operated high pressure and reliable delivery pump for oil distribution applications. Built in port for optional (PN 609 008) pressure relief valve. Cast iron pump body for high pressure operation.



FLUIDS HANDLED

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

MARKETS SERVED

- Vehicle maintenance centers.
- Fleet service.
- Mining and construction.
- Lube trucks.
- Railroad and mass transit maintenance.
- Marine.
- In-plant.

MODELS		
PART No.	APPLICATION	WEIGHT
535 831	Universal stub pump with bung adaptor	15 lb (6.8 kg)
535 881	Universal stub pump	14 lb (6.4 kg)
535 811	55 gal (205 l) drum bung mounted with bung adaptor	18.3 lb (8.3 kg)

TECHNICAL DATA	
Pump pressure ratio	8:1
Air pressure operating range	30 to 175 psi (2 to 12 bar)
Air consumption (1)	12.4 scfm (350 NI/min)
Maximum fluid outlet pressure	1,400 psi (96 bar)
Air motor effective diameter	3.15" (80 mm)
Air motor stroke	3.15" (80 mm)
Delivery at 80 cpm	1.9 gal/min (7 l/min)
Maximum free flow delivery	4.5 gal/min (17 l/min)
Air inlet	3/8" NPT (F)
Fluid inlet	1" NPT (F)
Fluid outlet	1/2" NPT (F)
Wetted and seal materials	Cast iron / Hard chromed steel / Steel / Polyurethane / NBR
Noise level (2)	80 dB
Manual	853 829

DIMENSIONS Inches - (mm)			
PART No.	535 831	535 881	535 811
A	19 1/4" (487)	19 1/4" (487)	47 3/4" (1,212)
B	11 1/4" (287)	11 1/4" (287)	11 1/4" (287)
C	1 2/3" (42)	1 2/3" (42)	1 2/3" (42)
D	8" (200)	8" (200)	36 1/2" (925)

(1) Maximum air consumption with 5 psi (72 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.

SAE 10, 70 °F (21 °C) CAPACITY CURVE

