



Heavy-Duty High Performance Pump

Very high pressure and high volume delivery double acting pump for use in applications that require extra pressure and volume output or where cold temperatures could limit pump performance. Pumps can be used with grease up to NLGI-2 viscosity.

Pumps are available for cover mount to 120 lb and 400 lb open drum.

6" Air motor

Mechanically actuated air valve with only three moving parts and no springs. Large effective area for maximum pumping power

Efficient air exhaust

No ice forming, no stalling pump operation

Long life packings

Dual packing seals provides longer trouble free operation

High quality materials

Hard chromed steel fluid plunger and steel valves and cast iron pump body for fewer repairs

Cast iron pump body

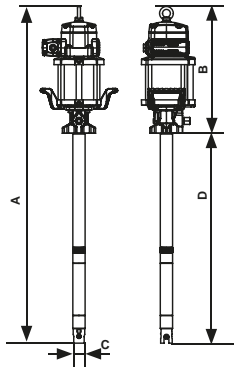
To stand higher working pressures and rugged work environments

MARKETS SERVED

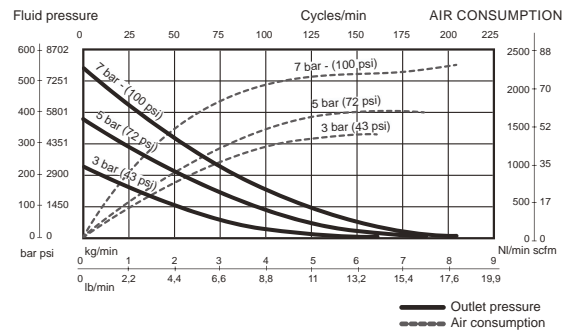
- Mining and construction
- Railroad and mass transit maintenance
- Industrial
- Lube trucks
- Fleets

FLUIDS HANDLED

- Grease up to NLGI-2



NLGI-2, 70 °F (21 °C) CAPACITY CURVE



IN(MM)	532 811	532 821	IN(MM)	532 811	532 821
A	53 1/2" (1.371)	45 1/2" (1.166)	C	2" (50)	2" (50)
B	20" (516)	20" (516)	D	33 1/2" (855)	25 1/2" (650)

TECHNICAL SPECIFICATIONS

Pump ratio	80:1
Air pressure operating range	20 - 100 psi (1.5 - 7 bar)
Air consumption ⁽¹⁾	35 scfm (1.000 NI/min)
Maximum outlet pressure	8,000 psi (560 bar)
Air motor effective diameter	6" (150 mm)
Air motor stroke	4" (100 mm)
Continuous duty flow rate	5.5 lb/min (2.5 kg/min)
Maximum free flow	17.6 lb/min (8 kg/min)
Air inlet	1/2" NPT(F)
Fluid outlet	1/2" NPT(F)
Wetted materials	Cast Iron / Steel / Hard chromed steel / UHMW PE / NBR / PTFE
Noise level	Pump noise level meets OSHA requirements at all recommended operating air pressures
Manual	853 819

(1) Air consumption at 70 bar (5 bar) air pressure, NLGI-2 grease at 68 °F (20 °C) and 60 cpm.

ORDER INFORMATION

532 821	PM60 80:1 120 lb keg, flange mounted
532 811	PM60 80:1 400 lb drum, flange mounted

Hose Kit High pressure hose connection kit for PumpMaster 60 80:1



534 103

LP Hose 1/2" x 5'	823
HP Hose 3/8" x 5'	884
90° Swivel 1/2" x 1/2"	1981
Quick Air Coupler 1/2" (F)	947F08
Quick Air Nipple 1/2" (M)	947M08
Swivel 1/2" (M/F)	1980

Drum Covers



418 017

120 lb Keg cover
PM45/60

418 026

400 lb Heavy-duty drum cover
PM45/60

Follower Plate



417 011

120 lb Heavy-duty follower plate
PM45/60

417 009

400 lb Heavy-duty follower plate
PM45/60