

Grease Pumps



Heavy-Duty Pressure Transfer Pump

Moderate pressure, high delivery, double acting, heavy-duty pumps for transfer of grease up to NLGI-2. Recommended to use with low consistency grease in centralized grease systems that do not require a high pressure outlet, and in large distribution systems of high viscosity oils.

Pump are available with tube length to fit commercial 400 lb drums. They can be flange cover mounted to 400 lb open drums.

4 1/2" 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

Low friction polyurethane seals, hard chromed steel fluid plunger and steel valves for fewer repairs

Cast iron pump body

To stand higher working pressures

Double acting pump

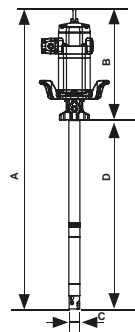
Double ball valve design provides even and smooth fluid flow

MARKETS SERVED

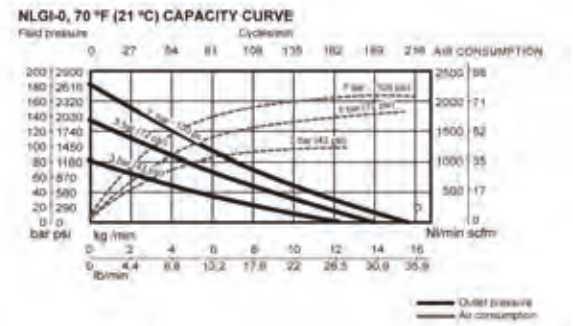
- Lube trucks
- Mining and construction
- Railroad and mass transit
- Industrial

FLUIDS HANDLED

- Grease up to NLGI-2
- High viscosity oils



IN(MM)	531 211
A	53 1/4" (1.357)
B	19 3/4" (502)
C	2" (50)
D	33 1/2" (855)



TECHNICAL SPECIFICATIONS

Pump ratio	25:1
Air pressure operating range	29 - 200 psi (2 - 14 bar)
Air consumption ⁽¹⁾	47 scfm (1.340 NI/min)
Maximum outlet pressure	5,000 psi (350 bar)
Air motor effective diameter	4 1/2" (115 mm)
Air motor stroke	4" (100 mm)
Continuous duty flow rate	13.5 lb/min (6 kg/min)
Maximum free flow	35.3 lb/min (16 kg/min)
Air inlet	1/2" NPT(F)
Fluid outlet	1/2" NPT(F)
Wetted materials	Cast Iron / Steel / Hard chromed steel / UHMWPE / NBR
Noise level	Pump noise level meets OSHA requirements at all recommended operating air pressures
Manual	853 820

(1) Air consumption at 70 psi (5 bar) air pressure, NLGI-0 grease at 68 °F (20 °C) and 80 cpm.

ORDER INFORMATION

531 211 | PM45 25:1 400 lb drum, flange mounted

Hose Kit High pressure hose connection kit for PumpMaster 45 25:1



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



418 026

400 lb Heavy-duty drum cover
PM45/60

Follower Plate



417 009

400 lb Heavy-duty follower plate
PM45/60