

402 000

HEAVY DUTY HIGH PRESSURE PUMPS



Heavy Duty pumps that combine high pressure (60:1 pressure ratio) and volume delivery. Recommended for use in distribution and greasing systems that include pipe lines, hose reels, etc. with up to 2 simultaneous use outlets even though the number of outlets in the system can be higher. Very reliable pump, it has a removable screen filter at the grease intake for eliminating dirt and impurities that could damage the pump, and a built in filter at the air inlet connection. Includes a height adjustable 2" BSP (M) bung adaptor.

**FLUIDS HANDLED**

- Grease up to NLGI-2.

**MARKETS SERVED**

- Heavy duty service shops.
- Fleet service.
- Lube trucks.
- Mining and construction.
- In-plant.
- Railroad and mass transit vehicles.

**MODELS**

APPLICATION	PUMP TUBE HEIGHT	TOTAL HEIGHT	WEIGHT	PART No.
12,5 - 20 kg (40 lb) pails	516 mm	804 mm	6,5 kg	<b>402 050</b>
50 kg (120 lb) drum	730 mm	1.020 mm	7,5 kg	<b>402 000</b>
185 kg (400 lb) drum	925 mm	1.215 mm	8,5 kg	<b>402 025</b>

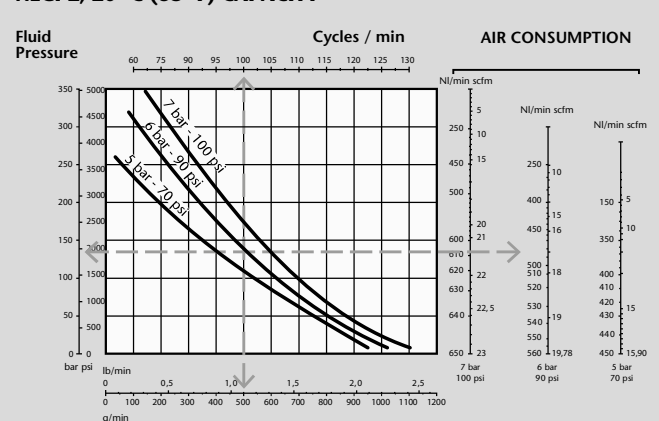
**TECHNICAL DATA**

Pump ratio	60:1
Air pressure operating range	1,5 to 10 bar (20 to 140 psi)
Air consumption (1)	475 Nl/min (16.8 cfm)
Maximum fluid outlet pressure	600 bar (8,400 psi)
Air motor diameter	75 mm (3")
Air motor stroke	75 mm (3")
Delivery at 100 cpm	500 g/min (1.1 lb/min)
Maximum free flow delivery (2)	1.200 g/min (2.6 lb/min)
Air inlet	3/8" NPSM (F)
Fluid outlet	3/8" NPSM (F)
Wetted and seal materials	Steel / PTFE / Polyurethane
Noise level (3)	92 dB

(1) Maximum air consumption with 7 bar air inlet pressure, NLGI-2 grease at 20 °C and 100 cpm.

(2) Maximum free delivery at 7 bar. NLGI-2 grease.

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

**NLGI-2, 20 °C (68 °F) CAPACITY**

**DIMENSIONS (mm)**

MODEL	402 050	402 000	402 025
A (mm)	806	1.020	1.215
B (mm)	290	290	290
C (mm)	30	30	30
D (mm)	516	730	925

