

PUMPMASTER 45 - 40:1 RATIO GREASE PUMPS



HEAVY-DUTY HIGH FLOW PUMPS

531 410

High flow double acting pumps with high pressure delivery for use in lubrication systems that require a combination of high flow and pressure delivery. Pumps can be used with grease up to NLGI-2 viscosity. These pumps can be used in medium length systems that include simultaneous operation outlets.

Pumps are available for cover mount to 50 kg - 120 lb and 185 kg - 400 lb open drums and for horizontal and side mount on grease totes and bags.

02
GREASE PUMPS



FLUIDS HANDLED

- Grease up to NLGI-2.

MARKETS SERVED

- Heavy-Duty service shops.
- Fleets.
- Mining and construction.
- Railroad and mass transit.
- In-plant.
- Marine.

MODELS

PART No.	APPLICATION	PUMP TUBE HEIGHT	TOTAL HEIGHT	WEIGHT
531 410	185 kg (400 lb) drum	855 mm	1.357 mm	25 kg
531 420	50 kg (120 lb) drum	650 mm	1.152 mm	22 kg
531 430*	Bulk tote	490 mm	992 mm	26 kg

* Includes adaptor 753 110 to fit a 3" cam-lock connector for use in totes and grease bags.

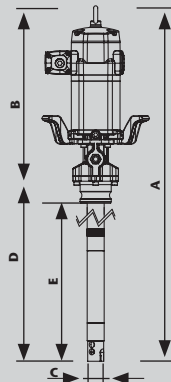
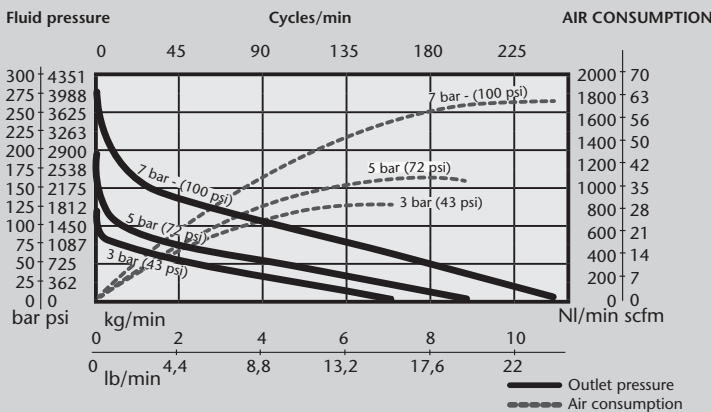
TECHNICAL DATA

Pump pressure ratio	40:1
Continuous duty flow rate	3,5 kg/min (7.5 lb/min)
Maximum free flow	11 kg/min (24.3 lb/min)
Air pressure operating range	1,5 - 14 bar (20 - 200 psi)
Maximum outlet pressure	560 bar (8,000 psi)
Air motor effective diameter	115 mm (4.5")
Air motor stroke	100 mm (4")
Air consumption ⁽¹⁾	750 NI/min (26.5 scfm)
Air inlet	1/2" BSP (F)
Fluid outlet	1/2" BSP (F)
Wetted and seals materials	Cast Iron / Steel / Hard chromed steel / UHMW PE / NBR / PTFE
Noise level ⁽²⁾	80 dB

(1) Air consumption at 5 bar air pressure, NLGI-2 grease at 20 °C and 80 cpm.

(2) Noise level measured at 1 m from the pump, 7 bar air pressure and free delivery.

NLGI-2, 21 °C (70 °F) CAPACITY



DIMENSIONS (MM)			
MODEL	531 410	531 420	531 430*
A (mm)	1.357	1.152	992
B (mm)	502	502	502
C (mm)	50	50	50
D (mm)	855	650	490
E (mm)	-	-	410

