

531 710

HEAVY-DUTY HIGH PRESSURE PUMPS

High pressure double acting pump for use in applications that require extra pressure output or when cold temperatures a low air pressure could limit pump performance. Pumps can be used with grease up to NLGI-2 viscosity. These pumps can be used in large distribution systems that include simultaneous operation outlets.

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

FLUIDS HANDLED

- Grease up to NLGI-2.

MARKETS SERVED

- Heavy-Duty service shops.
- Fleets.
- Lube trucks.
- Mining and construction.
- Rail road and mass transit.
- In-plant.
- Marine.



MODELS

PART No.	APPLICATION	PUMP TUBE HEIGHT	TOTAL HEIGHT	WEIGHT
531 710	185 kg (400 lb) drum	855 mm	1.357 mm	25 kg
531 720	50 kg (120 lb) drum	650 mm	1.152 mm	22 kg
531 730*	Bulk tote	490 mm	992 mm	21 kg

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

TECHNICAL DATA

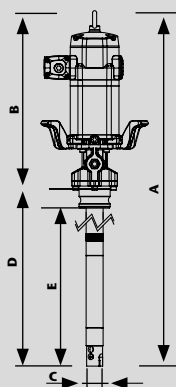
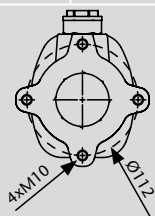
Pump pressure ratio	70:1
Continuous duty flow rate	2 kg/min (4.5 lb/min)
Maximum free flow	7,5 kg/min (16.5 lb/min)
Air pressure operating range	1,5 - 7 bar (20 - 100 psi)
Maximum outlet pressure	490 bar (7,000 psi)
Air motor effective diameter	115 mm (4.5")
Air motor stroke	100 mm (4")
Air consumption ⁽¹⁾	925 NI/min (32.6 cfm)
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 and 80 cpm.

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

DIMENSIONS (MM)

MODEL	531 710	531 720	531 730*
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



NLGI-2, 21 °C (70 °F) CAPACITY

