

## HEAVY-DUTY PRESSURE TRANSFER PUMP

## PM45 HEAVY-DUTY SERIES

02

GREASE PUMPS

Moderate pressure, high delivery double acting pumps for transfer of grease up to NLGI-2. Also recommended for use with low viscosity grease in centralized grease systems that do not require a high pressure output and in large distribution systems of high viscosity oils. Pumps are available with tube length to fit commercial 400 lb (185 kg) drums and they are available for flange cover mount to 400 lb (185 kg) open drums using a drum cover.

### FLUIDS HANDLED

- Grease up to NLGI-2.
- High viscosity oil.

### MARKETS SERVED

- Lube trucks.
- Mining and construction.
- In-plant.

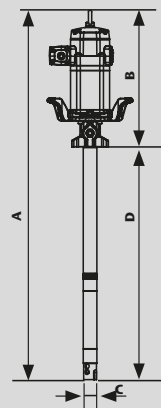
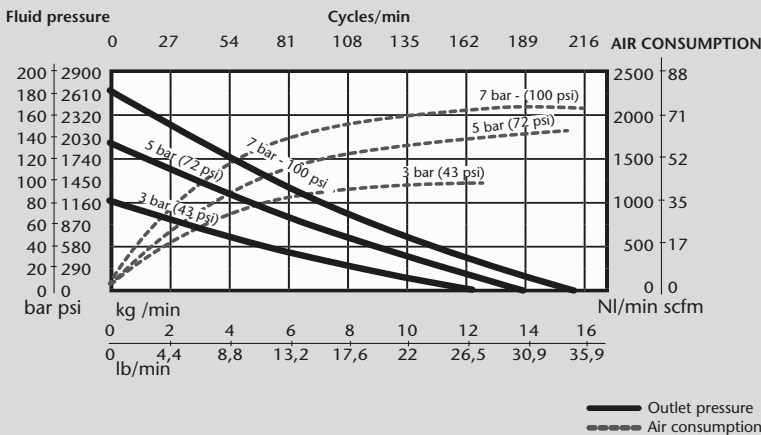


MODELS		
PART No.	APPLICATION	WEIGHT
531 211	400 lb (185 kg) drum, flange mounted.	50 lb (24 kg)

TECHNICAL DATA	
Pump ratio	25:1
Continuous duty flow rate	13.5 lb/min (6 kg/min)
Maximum free flow	30 lb/min (13,7 kg/min)
Air pressure operating range	20 - 200 psi (1,5 - 14 bar)
Maximum outlet pressure	5,000 psi (350 bar)
Air motor effective diameter	4 1/2" (115 mm)
Air motor stroke	4" (100 mm)
Air consumption (1)	47 scfm (1.340 NI/min)
Air inlet	1/2" NTPF
Fluid outlet	1/2" NTPF
Wetted and seal materials	Cast Iron / Steel / Hard chromed steel / UHMWPE / NBR
Noise level (2)	80 dB
Manual	853 820

(1) Air consumption at 70 psi (5 bar) air pressure, NLGI-0 grease at 68 °F (20 °C) and 80 cpm.  
 (2) Noise level measured at 3' (1 m) from the pump, 100 psi (7 bar) air pressure and free delivery.

### NLGI-0, 70 °F (21 °C) CAPACITY CURVE



### DIMENSIONS Inches - (mm)

PART No.	531 211
A	51" (1.357)
B	17 1/2" (502)
C	2" (50)
D	33 1/2" (855)

