

Ref.: 530610



PNEUMATIC PISTON GREASE PUMP, PUMPMaster 35, PM35 - 60:1, 185 KG (400 LB) DRUMS

PM35 series air operated piston pumps. Heavy-Duty double acting 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. Includes a height adjustable 2" BSPM bung adaptor. Delivery at 80 cycles/min. Air consumption at 5 bar (70 psi) air pressure, NLGI-2 grease at 20 °C (68 °F) and 80 cpm. Noise level measured at 1 m (3.3') from the pump, 7 bar (100 psi) air pressure and free delivery. Instruction book: 853823.

Technical data

Documentation

More information

| | |
|-------------------------------------|--|
| Fluids | Grease |
| Compatible fluids | Grease |
| Pump mounting | 185 kg (400 lb) drums |
| Pressure ratio | 60:1 |
| Air pressure operating range | 2-10 bar (29-145 psi) |
| Air consumption | 450 NL/min (15,9 scfm) |
| Maximum outlet pressure | 600 bar (8700 psi) |
| Air motor effective diameter | 80 mm (3,15") |
| Air motor stroke | 80 mm (3,15") |
| Delivery per cycle | 900 g/min (2 lb) |
| Cycles per minute (aprox.) | 80 cycles |
| Delivery | 900 g/min (2 lb/min) |
| Maximum free flow delivery | 2 kg/min (4,4 lb/min) |
| Air inlet | 3/8" BSP (F) |
| Fluid inlet type | Chop-check |
| Fluid outlet | 3/8" BSP (F) |
| Wetted materials | Cast iron, Hard chromed steel, Steel, UHMWPE, NBR, PTFE, Viton |
| Pump tube material | Carbon steel |
| Sound level | 80 dB |
| Tube height | 925 mm (36,4") |
| Total height | 1212 mm (47,7") |
| Weight | 11 kg (24,2 lb) |

Technical data

Documentation

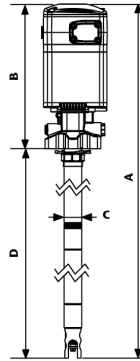
More information

Technical data

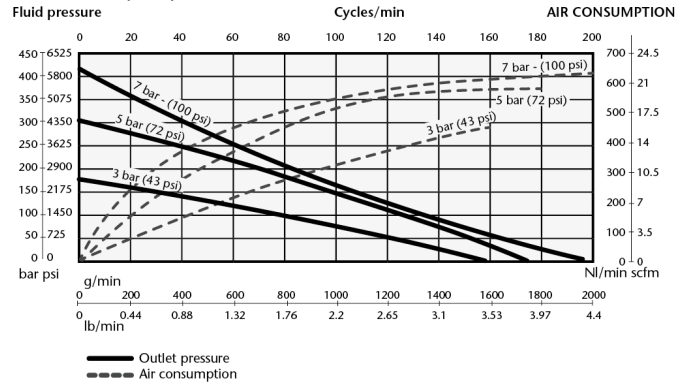
Documentation

More information

| mm (in) | 530 610 |
|---------|-----------------|
| A | 1.212 (47 3/4") |
| B | 287 (11 1/4") |
| C | 35 (1 2/3") |
| D | 925 (36 1/2") |



NLGI-2, 21 °C (70 °F) CAPACITY CURVE



Models

| Code | Fluids | Pump Mounting | Fluid Outlet | Tube Height | Total Height |
|--------|--------|----------------------------|--------------|----------------|-----------------|
| 530610 | Grease | 185 kg (400 lb) drums | 3/8" BSP (F) | 925 mm (36,4") | 1212 mm (47,7") |
| 530631 | Grease | 12,5 - 20 kg (40 lb) pails | 3/8" NPT (F) | 516 mm (20,3") | 803 mm (31,6") |
| 530630 | Grease | 12,5 - 20 kg (40 lb) pails | 3/8" BSP (F) | 516 mm (20,3") | 803 mm (31,6") |
| 530621 | Grease | 50 kg (120 lb) drums | 3/8" NPT (F) | 730 mm (28,7") | 1017 mm (40") |
| 530620 | Grease | 50 kg (120 lb) drums | 3/8" BSP (F) | 730 mm (28,7") | 1017 mm (40") |
| 530611 | Grease | 185 kg (400 lb) drums | 3/8" NPT (F) | 925 mm (36,4") | 1212 mm (47,7") |