

SPECIALTY PUMPMaster 60 GREASE PUMP KIT

PUMP SYSTEM WITH PNEUMATIC INDUCTOR FOR 185 KG DRUMS

534 321

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GREASE PUMPS



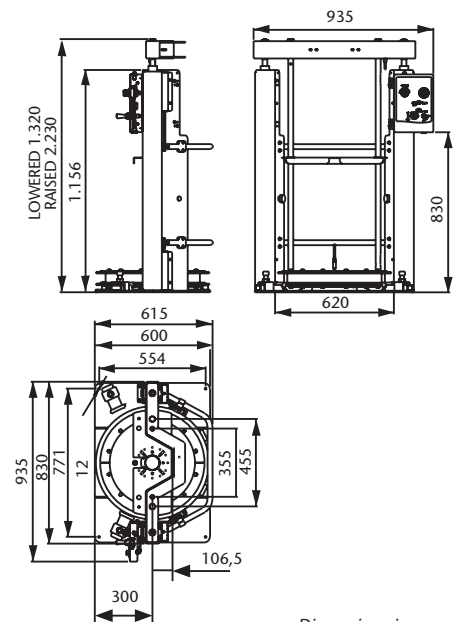
PumpMaster 60 - 3:1 pump system with pneumatic inductor for 185 kg drums

3:1 pressure ratio pump with a PM60 air motor for very high volume of grease through short hoses with a minimum I.D. of 1 1/2". Pump is mounted to an air operated double post inductor allowing the end user to empty a 185 kg drum in less than three minutes (NLGI-2 grease at 20 °C, 7 bar air inlet pressure and a 2" delivery hose).

The air operated inductor includes: A follower plate with double Buna-N lip seals, guide rods and drum retainers; On/Off control of the pump; Up/Down control of the RAM for easy drum exchange; two independent air pressure regulators (one for the pump and the other one for the cylinders); Pump/Ram independent air pressure gauge; automatic empty drum pump shut-off safety feature; automatic vacuum release.

| TECHNICAL DATA | |
|-------------------------------------|--|
| Pump + Power Ram assembly Part No. | 534 321 |
| Pump pressure ratio | 3:1 |
| Maximum free flow | 150 Kg/min (330 lb/min) |
| Continuous duty flow rate at 80 cpm | 60 Kg/min (132 lb/min) |
| Air pressure operating range | 2 to 7 bar (30 to 100 psi) |
| Maximum outlet pressure | 21 bar (300 psi) |
| Air motor effective diameter | 150 mm (6") |
| Air motor stroke | 100 mm (4") |
| Air consumption ⁽¹⁾ | 1.250 NI/min (44 scfm) |
| Air inlet | 1/2" BSP (F) |
| Fluid outlet | 2" BSP (F) |
| Wetted and seal materials | Steel / Hard chromed steel / Zinc plated steel / Aluminum / PTFE / NBR / FKM / PU / Nickel plated aluminum |

(1) Air consumption at 5 bar air pressure, NLGI-2 grease at 20 °C and 60 cpm.



Dimensions in mm

SAMOA recommends using an air filter and air pressure regulator at the pump air inlet. Use 1/2" air accessories to obtain pump maximum performance. For higher delivery, always use the shortest possible delivery hose with the largest i.d. possible.