



High Pressure Heavy-Duty Pump

Double-acting, air-operated, high pressure, heavy-duty pumps for dispensing lubricants in large size installations or when cold temperatures or high product viscosity could limit pump performance. Pumps include a height adjustable 2" bung adaptor for drum and tank mounting. Built in port for optional pressure relief valve (609 008).

3 1/4" Air motor

Pneumatically actuated air valve with only three moving parts and no springs. Large effective area for maximum pumping power

Efficient internal air exhaust

Prevents icing, which can stall pump operation

Long life packings

Dual packing seals provide trouble-free operation

Double acting pump

Provides even and smooth fluid flow

Double Ball Pump Design

Stub Pump used for positive priming and pumping of all grades of oil

Large port pump inlet ball-check valve

Helps in positive priming and improves pump efficiency

Built-in port for connecting a pressure relief valve

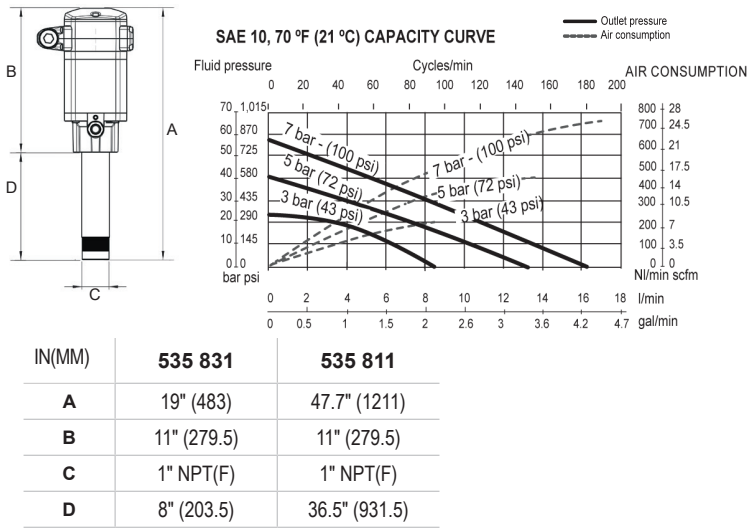
Positive relief of overpressure caused by oil thermal expansion using pressure relief valve (609 008)

MARKETS SERVED

- Auto & truck dealers
- Fleet service facilities
- Mining & construction
- Lube trucks
- Railroad & mass transit maintenance
- Marine
- Industrial

FLUIDS HANDLED

- Synthetic and mineral based oil
- Hydraulic oil
- Gear lube
- Transmission fluid



TECHNICAL SPECIFICATIONS

Pump ratio	8:1
Air pressure operating range	30 to 175 psi (2 to 12 bar)
Air consumption <sup>(1)</sup>	12.4 scfm (350 NI/min)
Maximum fluid outlet pressure	1,400 psi (96 bar)
Air motor effective diameter	3.25" (80 mm)
Air motor stroke	3.15" (80 mm)
Delivery at 80 cpm	1.9 gal/min (7 l/mi)
Maximum free flow delivery	4.5 gal/min (17 l/min)
Air inlet	3/8" NPT (F)
Fluid inlet (stub pump only)	1" NPT (F)
Fluid outlet	1/2" NPT (F)
Wetted and seal materials	Cast iron / Hard chromed steel / Steel / Polyurethane / NBR
Noise level	Pump noise level meets OSHA requirements at all recommended operating air pressures
Manual	853 829

(1) Maximum air consumption with 72 psi (5 bar) air inlet pressure and 80 cpm.

ORDER INFORMATION

535 831	PM35 8:1 Universal stub pump w/ bung adaptor
535 811	PM35 8:1 55 gal drum w/ bung adaptor/bench tank

Choose the down tube to match your container size from the selection below

Hose Kit Medium Pressure Hose Connection Kit for PumpMaster 35 8:1

916 5' Hose Kit		539 805 2.5' Hose Wall Mount Kit	
LP Hose 3/8" x 5'	813	LP Hose 3/8" x 2.5'	812
MP Hose 1/2" x 5'	846	MP Hose 1/2" x 2.5'	845
Air Coupler 3/8" NPT(F)	930F06	Swivel 90° 3/8" (F) x 3/8" (M)	1978
Air Nipple 3/8" NPT(M)	933M06	Swivel 90° 1/2" (F) x 1/2" (M)	1981
		Air Coupler 3/8" NPT(F)	930F06
		Air Nipple 3/8" NPT(M)	933M06

Down Tubes Choose the down tube to match your container size for PumpMaster 35 8:1

910 411	1" NPT(M) X 14" - 30°	16 Gallon Keg
910 412	1" NPT(M) X 26" - 30°	55 Gallon Drum
910 418	1" NPT(M) X 32" - 30°	275 Gallon Tote
910 417	1" NPT(M) X 60" - 30°	330 Gallon Tank