

OIL PUMPS: PUMPMASTER 2 – 3:1



Medium Pressure Utility Pump

Double-acting air-operated medium pressure utility oil pumps for dispensing lubricants from portable units, tank packages and small systems. Pumps include a height adjustable 2" bung adaptor for tank or drum bung mounting. Built in pressure relief port for the optional, but recommended, pressure relief valve (609 007)

Reliable air motor

Unique leaf spring design. Corrosion resistant materials and fewer moving parts provide longer pump life

Metal seal carrier

Allows a compact pump design, minimizing dead air spaces and thus contributing to reduced air consumption and prolonged pump life

Long life packings

Dual packing seals provide trouble-free operation

Hardened steel foot valves

Increase durability and constant performance through the life of the pump

Spring assisted valves

Allows horizontal or vertical pump installation

Double acting pump

Provides even and smooth fluid flow

Built-in port for connecting a pressure relief valve

Positive relief of overpressure caused by thermal expansion using an optional, inexpensive, and recommended, pressure relief valve (609 007)

Adaptor included

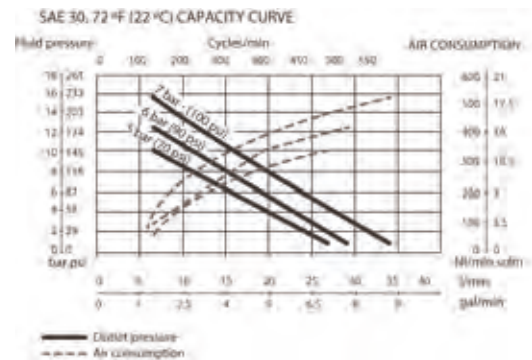
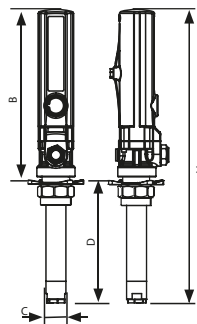
Adaptor 2065 3/4" M x 1/2" F is included with the pump. Adaptor allows the PumpMaster 2 3:1 pump to be fitted with a standard 1/2" delivery hose

MARKETS SERVED

- Auto dealers
- Service shops
- Fast lube centers
- Agriculture

FLUIDS HANDLED

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



IN (MM)	353 120	358 120	354 120	213	260
A	19 1/2" (495)	39" (995)	47" (1.200)	59 1/2" (1.510)	71 1/2" (495)
B	11 1/2" (295)	11 1/2" (295)	11 1/2" (295)	11 1/2" (295)	11 1/2" (295)
C	1 1/4" (34)	1 1/4" (34)	1 1/4" (34)	1 1/4" (34)	1 1/4" (34)
D	8" (200)	27 1/2" (700)	35 1/2" (905)	48" (1.215)	60" (1.520)

TECHNICAL SPECIFICATIONS

Pump ratio	3:1
Air pressure operating range	20 to 140 psi (1.5 - 10 bar)
Air consumption ⁽¹⁾	6.4 scfm (180 NL/min)
Maximum fluid outlet pressure	420 psi (30 bar)
Air motor diameter	2" (51 mm)
Air motor effective diameter	1 1/2" (35 mm)
Air motor stroke	3" (75 mm)
Delivery 315 cpm	4.5 gpm (17 l/min)
Maximum free flow delivery ⁽²⁾	9.3 gpm (35 l/min)
Air inlet	1/4" NPT(F)
Fluid inlet (stub pump only)	3/4" NPT(F)
Fluid outlet ⁽³⁾	3/4" NPT(F)
Wetted and seal materials	Aluminum / Steel / NBR / PTFE
Noise level	Pump noise level meets OSHA requirements at all recommended operating air pressures
Manual	835 809

(1) Air consumption with 90 psi (6 bar) air inlet pressure and 200 cycles per minute.

(2) Maximum free delivery at 100 psi (7 bar).

(3) Adaptor 2065 3/4"M x 1/2"F is included with the pump.

ORDER INFORMATION

353 120	PM2 3:1 Stub pump w/ bung adaptor
358 120	PM2 3:1 16 gal keg pump w/ bung adaptor
354 120	PM2 3:1 55 gal drum pump w/ bung adaptor
*213	PM2 3:1 275/500 gal tank w/ bung adaptor
*260	PM2 3:1 60" tank w/ bung adaptor

*Pumps include 353 120 with the down tube unassembled

Hose Kit Medium pressure hose connection kit for PumpMaster 2 3:1



904 5' Hose Kit

LP Hose 1/4" x 5'	802
MP Hose 3/4" x 5'	857
Coupler 1/4" (F)	930F04
Nipple 1/4" (M)	933M04

362 910 2.5' Hose Wall Mount Kit

LP Hose 1/4" x 2.5'	801
MP Hose 3/4" x 2.5'	860
Swivel 90° 1/4" (F) x 1/4" (M)	1947
Swivel 90° 3/4" (F) x 3/4" (M)	1982
Coupler 1/4" (F)	930F04
Nipple 1/4" (M)	933M04

Down Tubes Choose the down tube to match your container size for PumpMaster 2 3:1



910 401	3/4" NPT(M) X 14" - 30°	16 Gallon Drum
910 402	3/4" NPT(M) X 26" - 30°	55 Gallon Drum
910 407	3/4" NPT(M) X 32" - 30°	275 Gallon Tote
910 408	3/4" NPT(M) X 60" - 30°	330 Gallon Tank