

SKU 24G578 · 24G581

GRACO LD 3:1 Air Operated Oil Pump

Air operated 3:1 oil pump for drum and tank transfer of motor, gear and ATF oils. Up to 30 L/min free flow, built-in thermal relief and inlet strainer, with an adjustable bung adapter included. BSPT connections.


30 L/min

Approx. free flow at 6.9 bar (100 psi) air

3:1

Fluid pressure ratio

131 cc

Output per cycle

Key features

- Built-in thermal relief and inlet strainer
- Three inch (76.2 mm) air motor
- Self-cleaning pilot valves and a modular air valve
- Cup and plate design does away with fast wearing O-rings
- Adjustable 2 in NPT bung adapter included
- For petroleum and synthetic motor, gear and ATF oils



Technical data

SPECIFICATION	VALUE
Order codes	24G578, 24G581
Fluid pressure ratio	3:1
Air operating range	1.37 to 10.3 bar (20 to 150 psi)
Max fluid working pressure	51.7 bar (750 psi) at certain operating conditions
Free flow at 6.9 bar air	Approx. 30 L/min (7.8 gpm)
Output per cycle	131 cc
Max recommended speed	120 cycles per minute
Connections	Air inlet 1/4 in BSPT, fluid inlet 1 in BSPT, fluid outlet 1/2 in BSPT
Wetted parts	Zinc plated carbon, steel, aluminium, nitrile, polyurethane, nickel plated aluminium
Weight, pump	Approx. 3.2 kg
Sound pressure level	72.9 dB(A) at 1 m
24G578	Universal stub pump with bung adapter. L 175 mm, overall 406 mm
24G581	Pump with PVC multi-length down tube, cut to length. L 1076 mm, overall 1307 mm

In the box

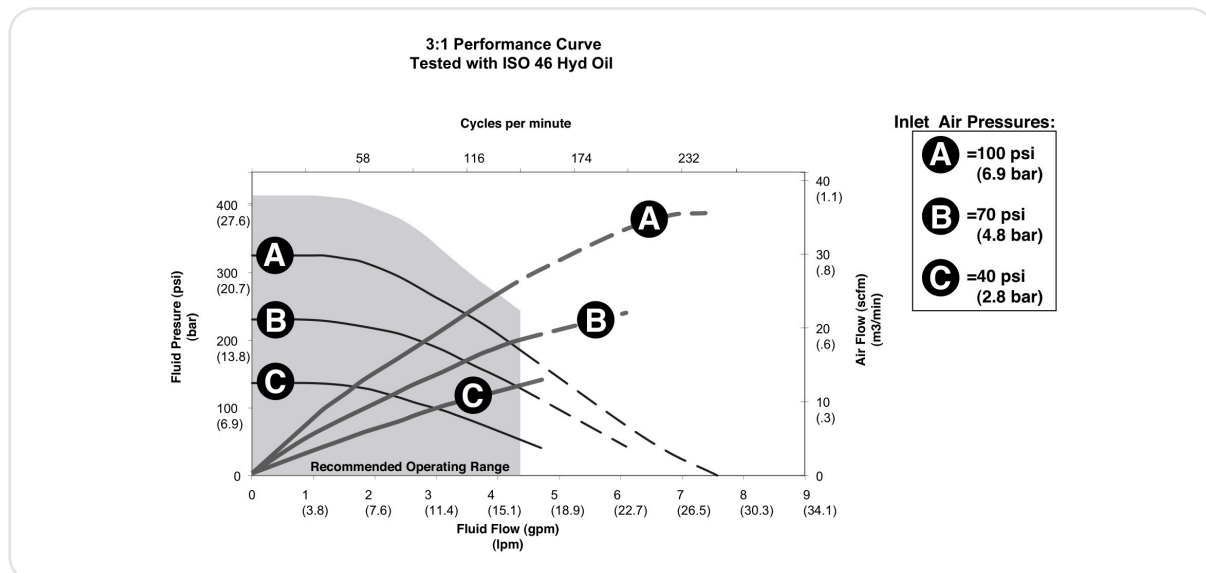
Pump with 2 in NPT bung adapter 24F918. 24G581 also includes PVC down tube 16F949, packaged separately.

Installation and use

Graco require a self-relieving air regulator for the thermal relief to work (24H419 on BSP models) and a bleed-type master air valve (125272 on BSP models). A 3:1 pump can develop 5:1 pressure on the downstroke, so regulate the air so no component is over pressurised.

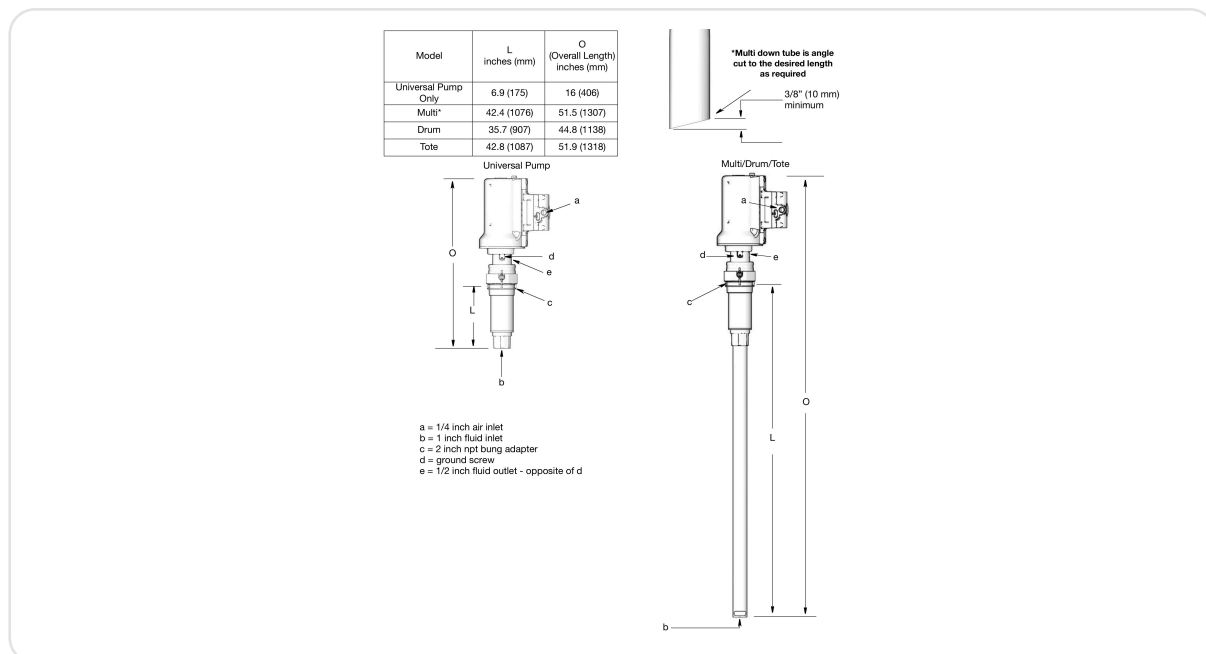


Performance



3:1 performance, tested with ISO 46 hydraulic oil at 2.8, 4.8 and 6.9 bar inlet air (Graco manual 3A1334U)

Dimensions



L and overall length O by model. The multi-length down tube is angle cut to the length required.