

oil transfer equipment - air operated

r-series ratio oil pumps

- R100S – stub pump**
- R100T – drum pump**
- R100THG – complete system**

The R100 is a 1:1 heavy duty ratio oil pump designed to transfer oils up to 10 metres and can be used with any of Macnaught's hose end gun range.

Features

- suitable for oils up to SAE 140, automatic transmission fluid, diesel, kerosene, anti-freeze/anti-boil
- designed to fit from 60 L (16 US gal) to 205 L (55 US gal) drums (optional suction tube available for stub version) (TB17S)
- 2" (M) bung adaptor and oil lubricator supplied (TA-3K)
- the R100THG (complete system) includes the R100T drum pump, 3 m (10 ft) reinforced delivery hose and trigger action dispensing nozzle
- 5 year warranty
- 10 year parts availability

Specifications

| | |
|-----------------------------|--|
| wetted components: | aluminium, nitrile rubber, Carbon PTFE, zinc plated carbon steel and brass |
| pump ratio: | 1:1 (oil pressure is the same as air pressure) |
| output: | 60 L/min (16 US gal per min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow) |
| suction tube length: | R100S (stub) 220 mm (8 3/4") R100T (drum) 910 mm (36") |
| max. air pressure: | 1 030 kPa (150 psi, 10.3 bar) |
| min. air pressure: | 400 kPa (60 psi, 4 bar) |
| min. air compressor: | 0.22 m ³ /min (8 cfm) |
| air inlet: | 1/4" NPT (F) |
| pump outlet: | 3/4" BSP or NPT (F) |
| foot valve inlet: | 1" BSP or NPT (F) (stub only) |

Accessories

- TA-4K Pressure Regulator Kit
- TB17S Suction Tube
- TD20 Wall Bracket



| Fluid | Free flow (per min.) at pump outlet | | Output (per min.) through 3 m (10 ft) x 19 mm (3/4") hose and HG20R oil delivery gun | |
|------------|-------------------------------------|--------|--|--------|
| | Litres | US Gal | Litres | US Gal |
| Oil SAE 10 | 60 | 15.8 | 12 | 3.1 |
| Oil SAE 30 | 50 | 13.3 | 9 | 2.3 |
| Oil SAE 90 | 47 | 12.4 | 4 | 1 |
| Oil SAE140 | 39 | 10.2 | 3 | 0.8 |
| Diesel | 58.5 | 15.5 | 13 | 3.4 |
| Kerosene | 57 | 15.1 | 11.5 | 3.0 |

*flow rates are a guide only and any variations can depend on system setup
*flow rates at 690 kPa (100 psi) air pressure

TA-4K Pressure Regulator Kit

