

## oil transfer equipment - air operated

# r-series ratio oil pumps

### R300S – stub pump

### R300T – drum pump

The R300 is a 3:1 heavy duty ratio oil pump that can transfer oils up to 30 metres (98 ft) through multiple hose reels and meter/gun systems.

#### 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) (TD42S)
- 2" (M) bung adaptor and oil lubricator supplied (TA-3K)
- the stub version (R300S) can be easily wall mounted
- 5 year warranty
- 10 year parts availability

#### Specifications

• <b>wetted components:</b>	aluminium, nitrile rubber, Carbon PTFE, zinc plated carbon steel and brass
• <b>pump ratio:</b>	3:1 (oil pressure is 3 times air pressure)
• <b>output:</b>	23 L/min (6 US gal per min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow)
• <b>suction tube length:</b>	R300S (stub) 210 mm (8 1/2") R300T (drum) 900 mm (35 1/2")
• <b>max. air pressure:</b>	1 030 kPa (150 psi, 10.3 bar)
• <b>min. air pressure:</b>	400 kPa (60 psi, 4 bar)
• <b>min. air compressor:</b>	0.16 m <sup>3</sup> /min (6 cfm)
• <b>air inlet:</b>	1/4" NPT (F)
• <b>pump outlet:</b>	3/4" BSP or NPT (F)
• <b>foot valve inlet:</b>	3/4" BSP or NPT (F) (stub only)

#### Accessories

- TD42S Suction Tube
- TD-25K Oil Feeder Hose
- OLP100 Low Pressure Oil Reel
- 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 10 m (33 ft) x 12.5 mm (1/2") reel & HG60 gun	
	Litres	US Gal	Litres	US Gal
Oil SAE 10	23	6	15	3.9
Oil SAE 30	20	5.2	9	2.3
Oil SAE 90	17	4.4	6	1.6
Oil SAE 140	14	3.7	4	1
Diesel	23	6	18	4.7
Kerosene	22	5.8	17	4.5

\*flow rates are a guide only and any variations can depend on system setup

\*flow rates at 690 kPa (100 psi) air pressure

OLP100 Low Pressure Oil Reel

