

### 900 Series High Volume Oil Pumps

RAASM's 900 series oil pumps are designed for high volume and high pressure applications found in large workshop dispensing and industrial transfer systems.

The 900 series includes 'C' series mono-block pumps designed for wall and stub mounting on tanks, 'F' series flange pumps with handles for demountable installations on walls, drums and intermediate bulk containers, and 'D' series separated pumps for aggressive products and environments where separation of the pump and air motor is desirable.

#### Key features:

Innovative compact design with fewer moving parts increases life and reduces maintenance.

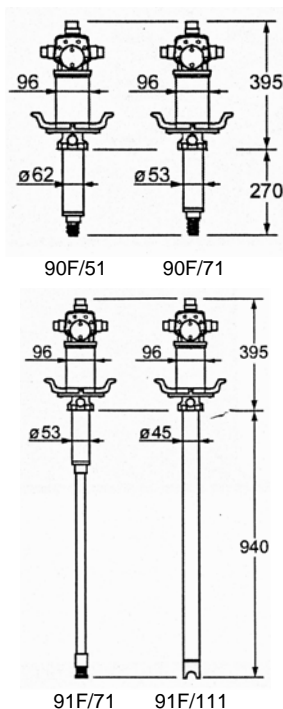
High pressure double acting design for efficient operation and smooth continuous flow.

Self lubricating air motor components and hardened coated shafts and guides in top and bottom end reduce maintenance and failures due to lack of lubrication.

Built in air filter and oil strainer dramatically reduce pump wear due to air and oil borne dirt and contamination.

Accessories available include spear filter/foot valve for extended tank spears, standard and shock absorbing wall mounting brackets and 2" BSP drum bung adaptors. Handles supplied with 'F' series pumps and optional on 'D' series pumps.

Full range of spares and service kits available including air inlet, muffler and oil filter elements, shaft seal kit, bottom end and air motor overhaul and gasket kits. Backed by Tecalemit and RAASM 12 month warranties.



#### Technical Specifications :

Model : Mono-Block	90C/51	90C/71	91C/71		
Model : Flange	90F/51	90F/71	91F/71	91F/111	
Model : Separated**	90D/51	90D/71	90D/111		
Type	Stub	Stub	Drum	Drum	Stub
Compression Ratio :	5:1	7:1	7:1	11:1	11:1
Air inlet :	½" BSPF	½" BSPF	½" BSPF	½" BSPF	½" BSPF
Oil outlet :	¾" BSPF	¾" BSPF	¾" BSPF	¾" BSPF	¾" BSPF
Rec. Max air pressure :	800kpa	800kpa	800kpa	800kpa	800kpa
	116 psi	116 psi	116 psi	116 psi	116 psi
Air consumption* :	1.8 m <sup>3</sup> /min	1.8 m <sup>3</sup> /min	1.8 m <sup>3</sup> /min	1.9 m <sup>3</sup> /min	1.9 m <sup>3</sup> /min
	64 cfm	64 cfm	64 cfm	67 cfm	67 cfm
Output* :	45 LPM	30 LPM	30 LPM	23 LPM	23 LPM
Noise level :	80 dB	80 dB	80 dB	80 dB	80 dB

\* Air consumption and output vary with pressure, stroke rate, distance and volume. Consult the performance curve for each individual pump for details.

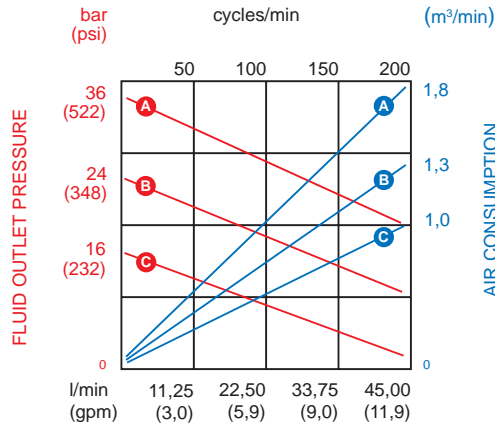
\*\* Separated pumps are fitted with Teflon seals, Mono-block and flange pumps with Polyurethane. Separated pumps also available in Stainless steel, refer models 95D/61 and 120D/91.

#### Spare Parts

Spare parts kits are available for all major components. An operation and maintenance manual and spare parts guide including exploded view diagram are provided with each new pump.

For additional information contact Tecalemit on Ph 1800 68 55 77, email [expertadvice@tecalemmit.com.au](mailto:expertadvice@tecalemmit.com.au), or see our website [www.tecalemit.com.au](http://www.tecalemit.com.au)

### Performance Curves



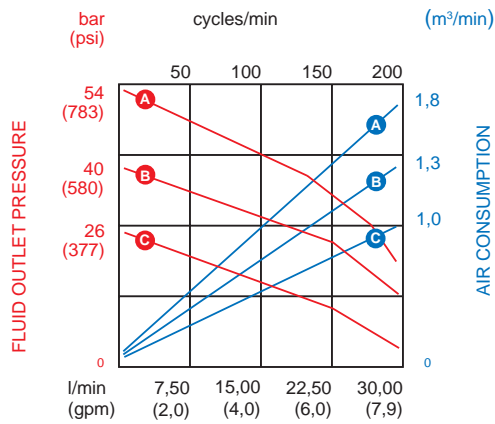
TEST FLUID: SAE30 oil (ISO VG 100)

#### 900 series 5:1 Ratio Oil Pumps

- A** = 8 bar psi (116 psi)
- B** = 6 bar (87 psi)
- C** = 4 bar (58 psi)

#### Models

90C/51  
90F/51  
90D/51



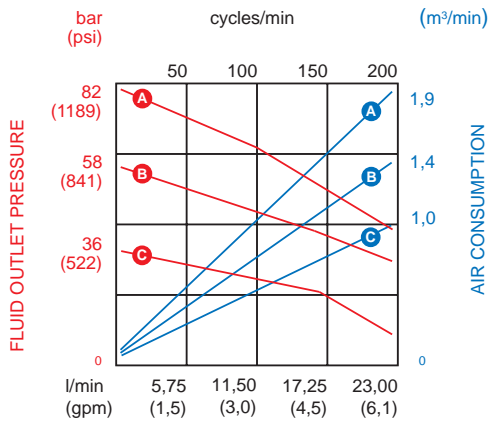
TEST FLUID: SAE30 oil (ISO VG 100)

#### 900 Series 7:1 Ratio Oil Pumps

- A** = 8 bar psi (116 psi)
- B** = 6 bar (87 psi)
- C** = 4 bar (58 psi)

#### Models

90C/71  
91C/71  
90F/71  
91F/71  
90D/71



TEST FLUID: SAE30 oil (ISO VG 100)

#### 900 Series 11:1 Ratio Oil Pumps

- A** = 8 bar psi (116 psi)
- B** = 6 bar (87 psi)
- C** = 4 bar (58 psi)

#### Models

90D/111  
91F/111