



900 Series 91F/451

1200 series 116F/751

### Series 900 & Series 1200 High Pressure Grease Pumps

RAASM's series 900 and series 1200 grease pumps are high pressure and high volume grease pumps. They are ideal for high volume and high pressure transfer applications found in large workshops, transfer applications and certain centralised systems.

The 900 and 1200 series grease pumps include 'C' series mono-block pumps for drum and bulk hopper or pod mounting and 'F' series flange pumps with handles for demountable installations on drums and intermediate bulk containers.

#### 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 dramatically reduces pump wear due to air borne dirt and contamination.

Accessories available include 180kg drum cover and follower plate, standard and shock absorbing wall mounting brackets. Handles supplied with 'F' series pumps.

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

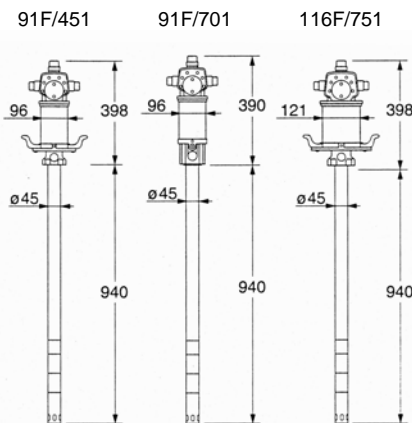


#### Technical Specifications :

Model : Mono-Block	91C/701		
Model : Flange	91F/451	116F/751	
Series	900	900	1200
Type	Drum/Pod	Drum	Drum
Compression Ratio :	70:1	45:1	75:1
Air inlet :	1/2" BSPF	1/2" BSPF	1/2" BSPF
Oil outlet :	3/8" BSPF	3/8" BSPF	3/8" BSPF
Rec. Max air pressure :	800kpa	800kpa	800kpa
	116 psi	116 psi	116 psi
Air consumption* :	1.8 m <sup>3</sup> /min	1.8 m <sup>3</sup> /min	3.2 m <sup>3</sup> /min
	64 cfm	64 cfm	113 cfm
Output* :	3.0 kg/min	4.4 kg/min	4.4 kg/min
Noise level :	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.

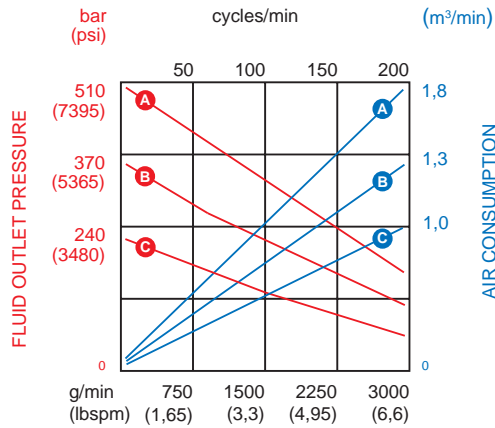


#### Spare Parts

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

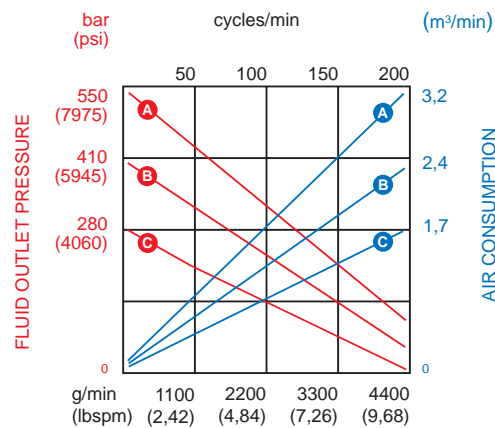


TEST FLUID: grease NLGI 1 21°

#### 900 series 70:1 Ratio Grease Pump

**Model**  
91C/701

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

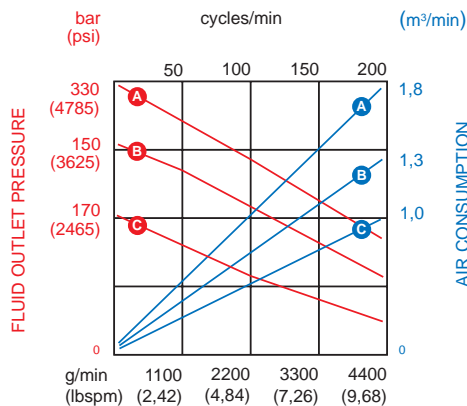


TEST FLUID: grease NLGI 1 21°

#### 1200 Series 75:1 Ratio Grease Pump

**Model**  
116F/751

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



TEST FLUID: grease NLGI 1 21°

#### 900 Series 45:1 Ratio Grease Pumps

**Model**  
91F/451

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