Power Unit For Hydraulic Tire Changer

General Description

Product:AC hydraulic power unit

Reservoir Capacity: Steel or Plastic 1.32 to 2.11Gal

Motor:380V AC 1.5KW

Flow:0.79 to 1.17GPM

Valve:12/24V DC Solenoid valve

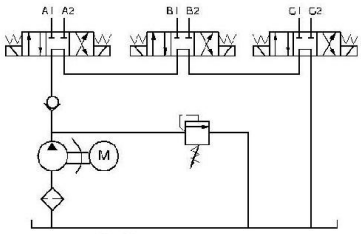
System Pressure:2900PSI

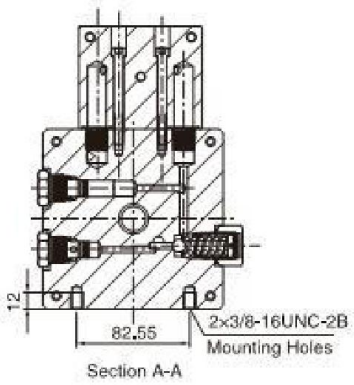
Oil Port:G3/8 P1/P2/P3

Manufacturer Warranty:1 year Limited Warranty

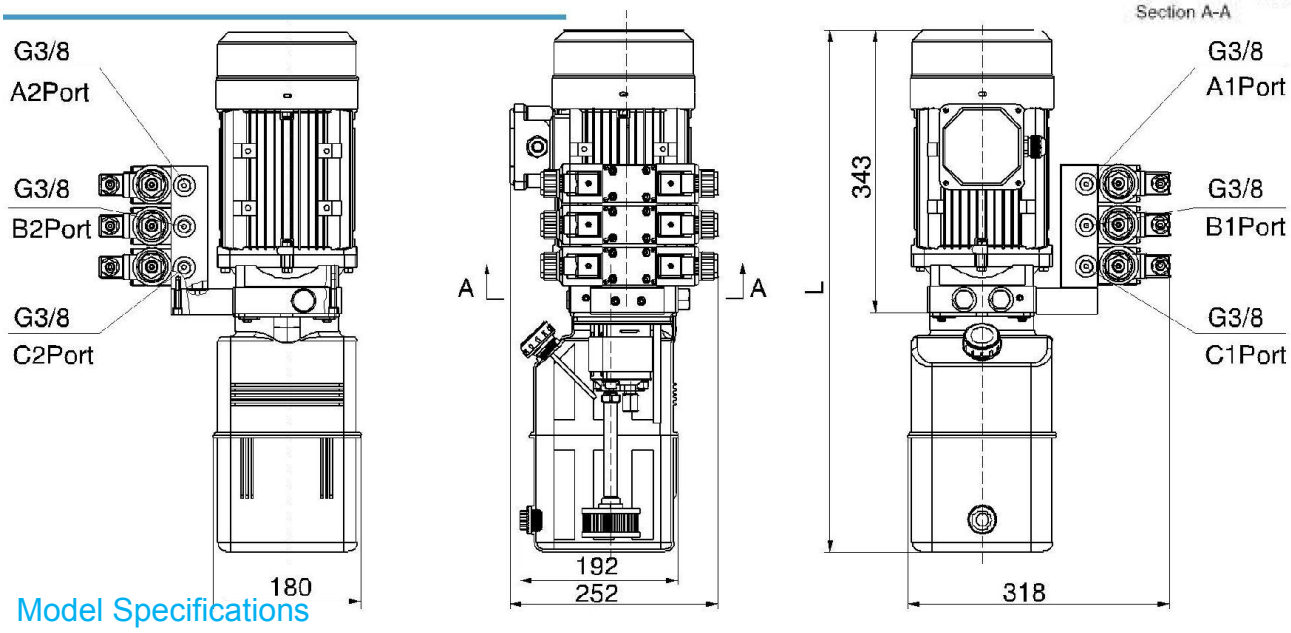
This power unit for hydraulic tire changer is designed exclusively for the tire changer, the solenoid valves in series connection control the extension and retracting of the double acting cylinders.

Hydraulic Circuit Diagram





Outline Dimension



Model Specifications

Model	Motor Volt	Solenoid Valve Volt	Motor Power	Rated Speed	Displacement	System Pressure	Tank Capacity	L(mm)
HPP-40F2.75A380324H	380VAC	24VDC	1.5KW	1430/1650RPM	2.7ml/r	20MPa	5L	633
HPP-40F2.56A380324H					2.5ml/r		6L	678
HPP-40F2.18A380312H		12VDC			2.1ml/r		8L	783

Special Notes

1)Due to various types of hydraulic system failure occur more than 80% of the problems are caused by hydraulic oil, so the correct use of hydraulic oil to ensure the system's reliability is very important.The oil viscosity should be 22-46mm2/s in accordance with ISO3448 viscosity classification.The hydraulic oil should be filtered by a 10-30um filter before put into use.N46 hydraulic oil is recommended.

2)Before mounting mini hydraulic power pack,make sure that the hydraulic components such as oil cylinder, oil pipe and joint are clean without any adhesion.Check the oil level in the tank after the initial running of small hydraulic power unit.

3)Oil changing is required after the initial 100 operation hours, afterwards once every 3000 hours.We are at your disposal to offer you the power unites with your favorite power,flow,pressure as well as the tank capacity.

4)The electric hydraulic pump is of s3 duty,not continuous operation,1 minute to open,9 minutes to stop.

5)To achieve thermal equilibrium of the electric motor, we have to assure that the ratio between interval time and operation time of mini hydraulic power pack is 1:9.