Electric-Basketball Stands Power Units

General Description

Product:AC hydraulic power unit

Reservoir Capacity: Steel or Plastic 1.32Gal

Motor:220V 0.7KW

Flow:0.61 to 1.41GPM

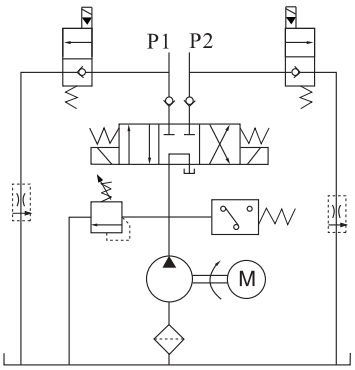
Valve:24V DC Solenoid valve

System Pressure:2610/2900PSI

Oil Port:G1/4 or 2xM14x1.5

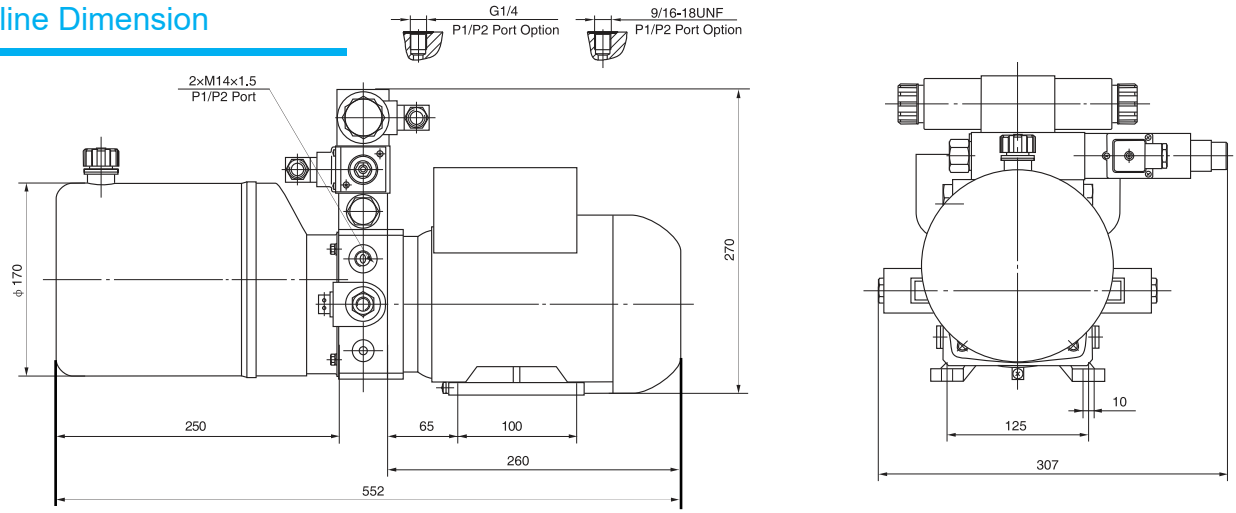
Manufacturer Warranty:1 year Limited Warranty

Hydraulic Circuit Diagram



The electric-basketball Stands Power Units is designed exclusively for the electric-basketball stand, consisting of two independent, typical "power up, gravity down" circuits for the up and down movements of the basketball board and the whole basketball stand. The pressure switch will stop the motor once the basketball or the whole stand is compensated by the balance valves which make the lowering movements very smooth.

Outline Dimension



Model Specifications

Model	Motor Volt	Motor Power	Rated Speed	Displacement	System Pressure	Tank Capacity	Solenoid Valve Volt
HPP-42F1.65A220124H	220V	0.75KW	1450rpm	1.6mL/r	20MPa	5L	24VDC
HPP-42E3.75A220324H		1.5KW		3.7mL/r	18MPa		

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)Clean all the hydraulic parts concerned before mounting mini hydraulic power pack.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 should be horizontal installation.

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.