Car Lift Hydraulic Pump

General Description

Product:Auto Hoist Power Units

Reservoir Capacity: Steel or Plastic 2.11 to 3.17Gal

Motor:380V AC 2.2KW

Flow:1.22 to 1.91 GPM

Valve:24DC/220AC Solenoid valve

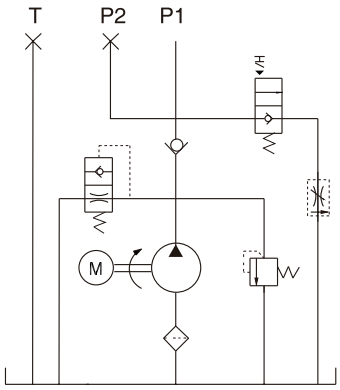
System Pressure:3190/3625PSI

Oil Port:G1/4 or M14x1.5 P1/P2

Manufacturer Warranty:1 year Limited

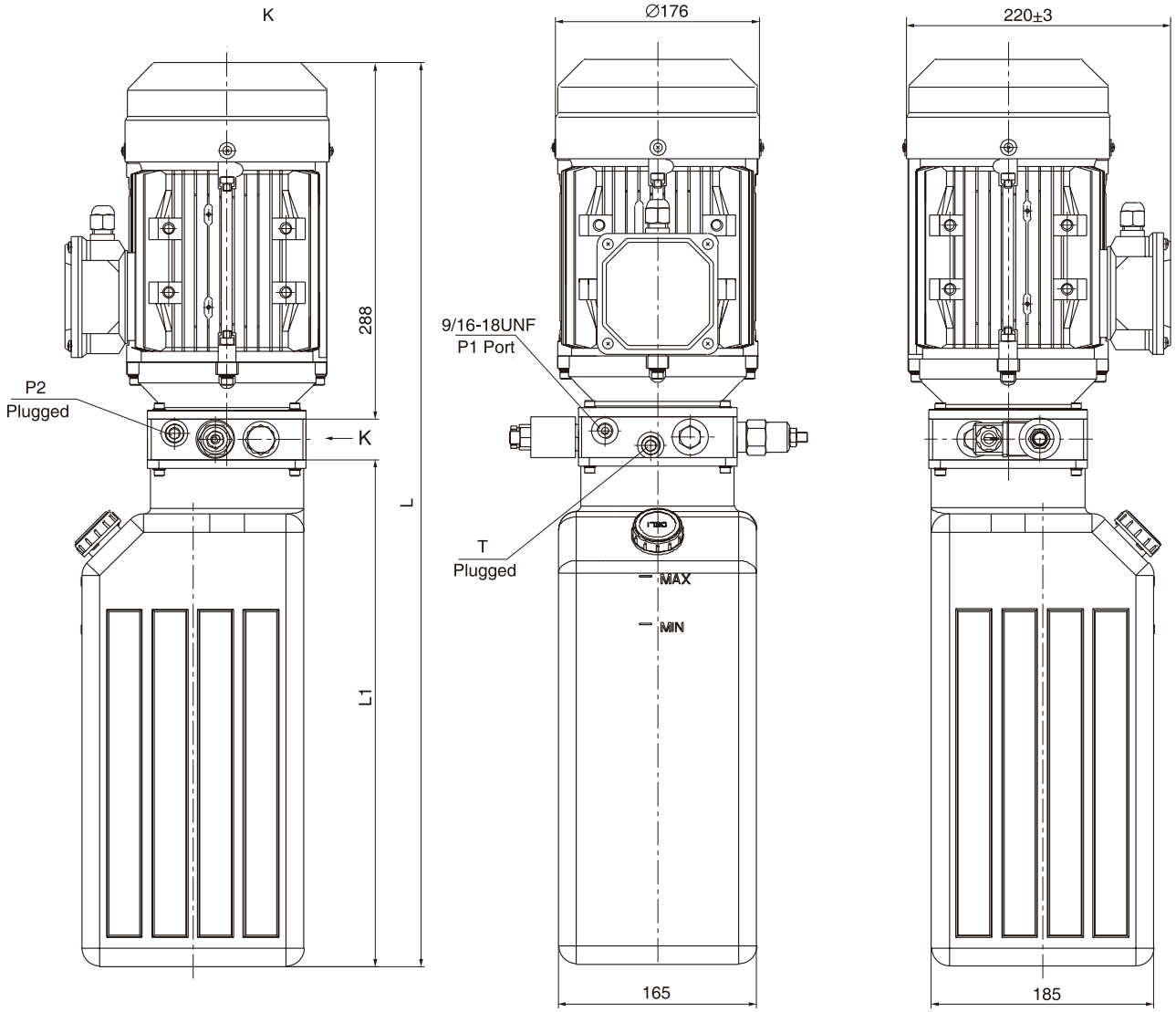
Warranty

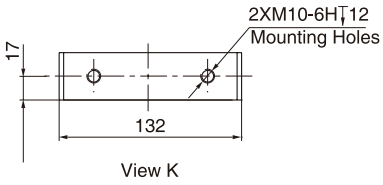
Hydraulic Circuit Diagram

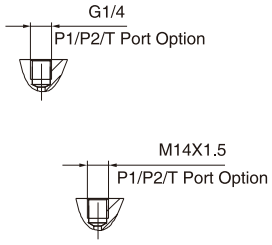


This power unit is designed solely for hydraulic car lift by the motor power up, gravity down with vehicle weight,requiring a low noise level. The lowering movement is activated by the cartridge solenoid valve, and the lowing speed is regulated by an adjustable pressure compensated flow control valve.

Outline Dimension







Model Specifications

Model	Motor Volt	Motor Power	Rated Speed	Displacement	System Pressure	Tank Capacity	Solenoid Valve Volt	Total Length	
								L1(mm)	L(mm)
HPP-2G3.210A380424V	380VAC	2.2KW	1450rpm	3.2mL/r	25MPa	10L	24VDC	475	797
HPP-2G3.78A380424V				3.7mL/r		8L		415	737
HPP-2F4.28A380424V				4.2mL/r	22MPa	8L		415	737
HPP-2F4.210A380424V						10L		475	797
HPP-2F510A380424V				5mL/r		10L	24VDC	475	797
HPP-2F512A380424V						12L		540	862
HPP-2G3.210A220424V	220VAC			3.2mL/r	25MPa	10L		475	797
HPP-2G3.78A220424V				3.7mL/r		8L		415	737
HPP-2F4.28A220424V				4.2mL/r	22MPa	8L	220VAC	415	737
HPP-2F4.210A220424V						10L		475	797
HPP-2F510A220424V				5mL/r		10L		475	797
HPP-2F512A220424V						12L		540	862

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.