

Hydraulic Power Pack PP- HC7-12XXPV Tower series. Pressure up to 2,000 bar



Description

The PP- HC7 Tower series offers a compact high pressure pump in a rugged steel frame. Reliability is our primary design consideration which is why the units are equipped with a Pilot controlled Check Valve which leads return oil directly to the tank with a minimum pressure drop, plus 2 pcs. 10 micron filters with a visual indicator and an hour meter for scheduled maintenance. The pressure is easily adjusted on the pressure control knob and can be accurately read on the large 4" – 1% gauge.

Noise is of no concern as it offers a very quiet operation with only 64dB(A). The slim design and lifting hook allows easy handling of the unit inside narrow spaces like turbine towers.

Dimensions

HP port: H 1/4" BSP cone 120°
Height: 813 mm
Width: 470 mm
Length: 389 mm
Weight: 50 kg

The system is adjusted and tested. Documentation is made in accordance with the EU Machine Directive.

Typical Applications

Bolt Tensioner – Nut Splitters – Torque Wrenches – Workholding Hydraulic Tools – Rescue Tools – Railroad Equipment – Test Stands

Specification

- 1 pcs. pump 2.5 cm² / r ~ 3.5 l/ min. (max. 165 bar)
- 1 pcs. HC7 miniBOOSTER
- 1 pcs. electrical motor 1.5 kW
- 1 pcs. electrical control panel
- 1 pcs. manifold block for valves
- 2 pcs. pressure relief valves
- 1 pcs. oil tank volume 4.0 litres to max. level (volume between min. & max. level is 2.0 litres)
- 1 pcs. remote control with 5 m cable
- 1 pcs. 4/3 directional solenoid valve
- 2 pcs. pressure filter 10 µ
- 1 pcs. 4" high pressure gauge
- 1 pcs. hour meter
- 1 pcs. Pilot Operated Check Valve

Motor Options

- 115V / 60Hz (UL approved parts)
- 230V / 50Hz
- 230V / 60Hz (UL approved parts)
- 3 x 400V / 50Hz

Ordering a Power Pack

Ordering example of an Electric Power Pack for Pressure up to 2,000 bar, with a 2,000 Bar Gauge:

PP- HC7-1210PV (mounted with HC7 13.0- B-12) 115V / 60Hz

PP- HC7-1220PV (mounted with HC7 13.0- B-12) 220V / 50Hz

PP- HC7-1230PV (mounted with HC7 13.0- B-12) 3 x 400V / 50Hz