

INSTALLATION GUIDELINE FOR

HPS 2.1 RC

Displacement : 2.1 liter/rev. (clockwise rotation)

1.4 liter/rev. (counter clockwise rotation)

Do not exceed 16000 RPM (CW rotation) 24000 RPM (CCW rotation).

All connections Discharge / Inlet must be machined flat within 0.05mm.

The HPS 2.1 RC compressor must be used with a drive extension to unload the rotorshaft from the belt load. For drive extension design see attached drw.356

Do not untight the spline hub from the rotorshaft, the 8 (M8) screws holds the timing of the rotors.

The gear cover is centered according to the spline drive hub, no guidingpins exists. The gear cover should be guided according to the spline drive hub within 0.05mm.

The gearcover should be released of pressure after every run.
Oil level:

Depending on the mounting direction should the oil level at any point reach one of the two timing gears outer diameter.
Do not overfill !!

If you have any further questions please contact :

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