TH135-P Hydraulic pump

Converts air pressure to oil pressure

1:61

Input

6 bar air pressure
220 Volt
0-10 Volt signal via Potentiometer or external

Output:

0-366 bar oil pressure

Tank size 6.5 Liter

Versions

TH135-P2

Air hydraulic pump

pressure: max 600 bar with 10 bar pneumatic pressure input
pressure ratio air-hydraulic 1:61
2 valves for separate switching of the grips (opening, closing)
Remote control with 2 switches; ~220V ; 0.1 A
Dimensions LxWxH: 315mm x 250mm x 500mm); weight 25 kg
2.75 Liter per Min     Tank Volume 10 Liter
input min 1 bar      max 10 bar
Noise 60dBA

TH135-P2-G-a

Air hydraulic pump similar to TH135-P2 including:
dto but
- Housing for noise reduction, Noise closed in box 50 dBA
- Analogue pressure transducer:
  analogue signal input 1 -10 V to adjust the clamping pressure
  or
  Potentiometer to adjust Pressure - switch-able
Dimensions LxWxH: 720mm x 360mm x 630mm; weight: 70kg

TH135-P2-2-G-a

Air hydraulic pump similar to TH135-P2 including:
- 4 valves to lock the jaws at any required position
weight: 70kg
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<th>TH135-P...-Ga</th>
<th>TH135-P2 with hydraulic tubes</th>
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<td>TH135-P.....-Ga</td>
<td>with box -G and Analog to Pressure regulator -a</td>
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<tr>
<td>pressure can be regulated by a Potentiometer or external input</td>
<td></td>
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<tr>
<td>input 0-6 Volt -&gt; 0-6 bar air -&gt; 0-366 bar oil</td>
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<th>TH135-P...-Ga</th>
<th>TH135-P2-Ga noise 50 dBa</th>
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hydraulic sealing can be used from -30°C up to 80°C
in special cases we can supply up to 200°C (material of sealing FKM PTFE Bronze)
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How to connect TH135-P2 to TH135-180
Possible oil

- ARAL VITAM GF 46
- BP ENERGOL HLP 46
- ESSO NUTO H 46
- SHELL TELLUS ÖL 46
- HYDROL DO 46
- HYDROL HV 46
- DEA ASTRON HLP 46