

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



TH135-P2-G-a

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



TH135-P2 with hydraulic tubes



TH135-P...-Ga

with box -G
and
Analog to Pressure regulator -a

pressure can be regulated by a Potentiometer or
external input

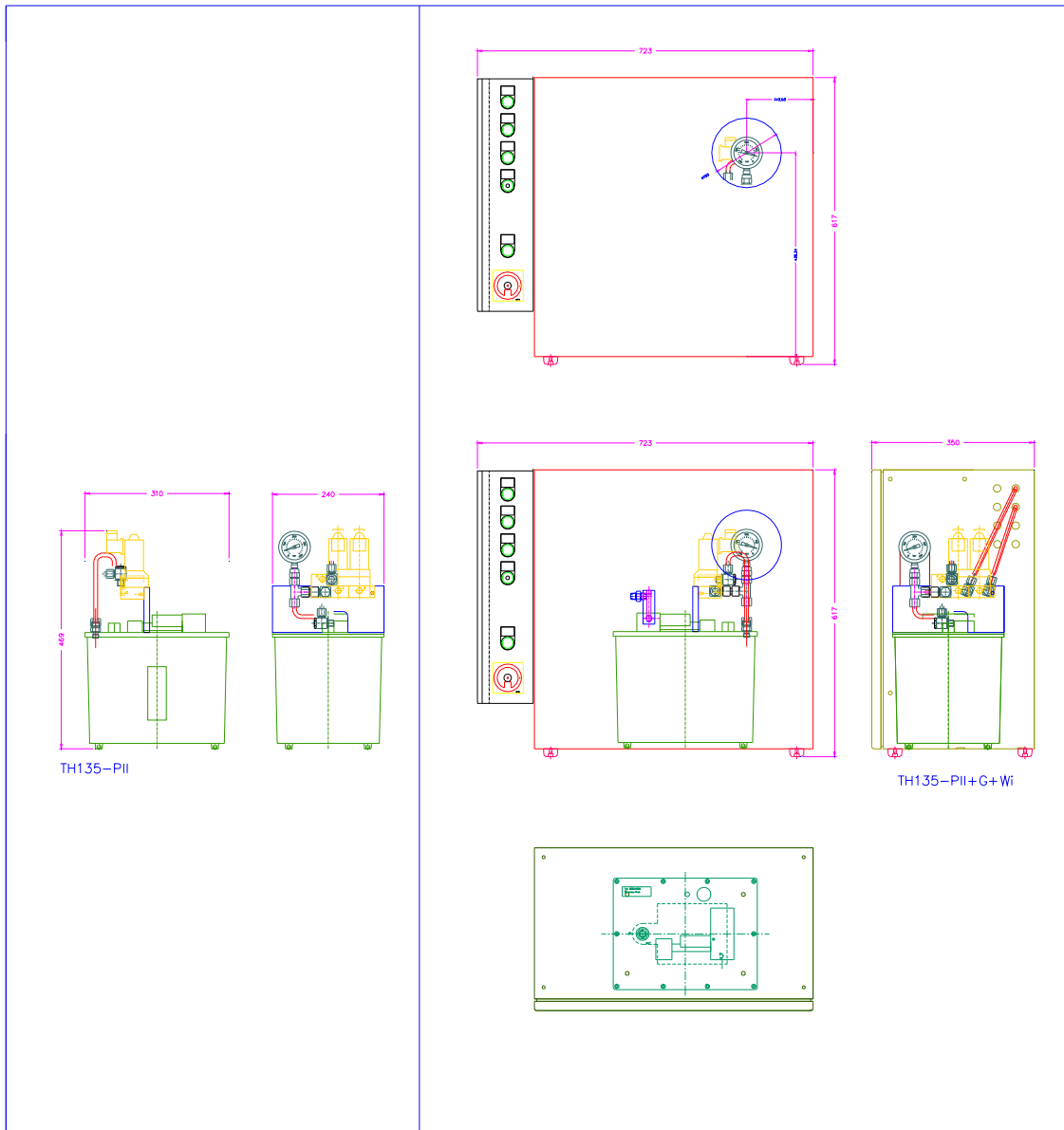
input 0-6 Volt -> 0-6 bar air -> 0-366 bar oil




TH135-P...-Ga back side

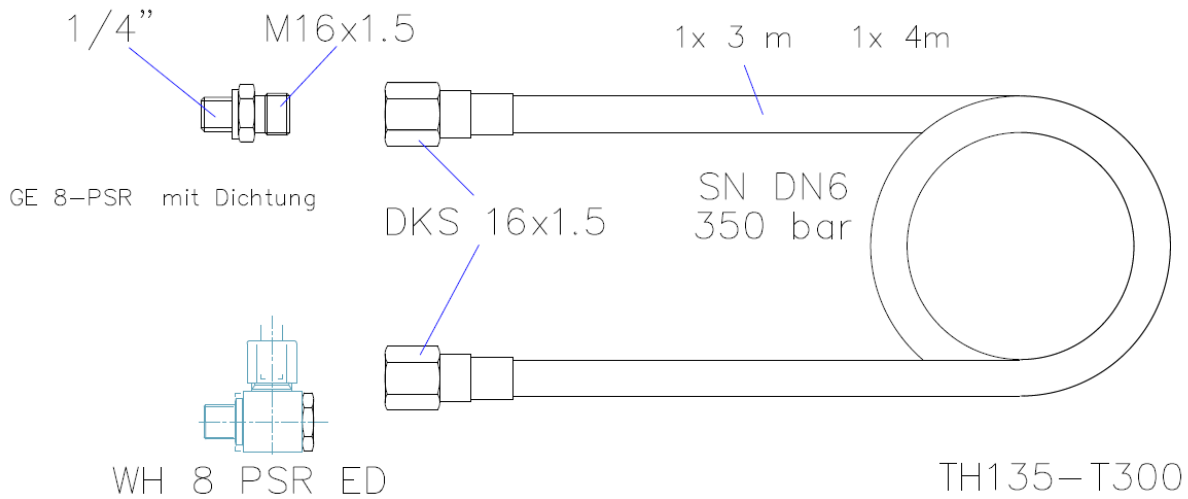


TH135-P2-Ga noise 50 dBa

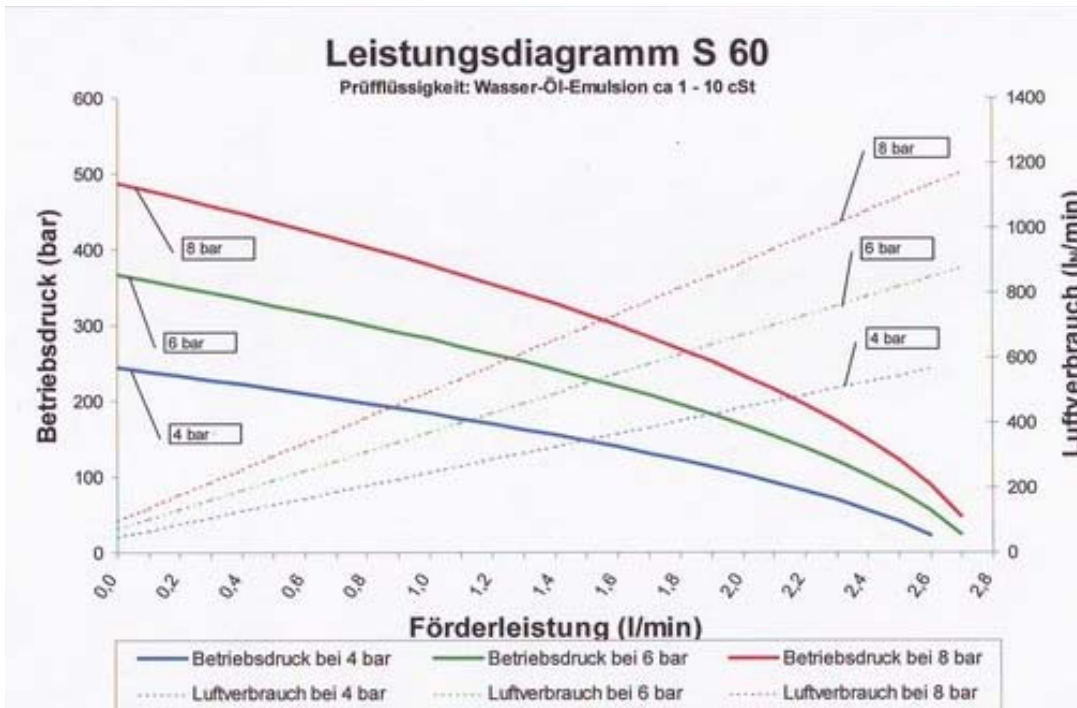


hydraulic sealing can be used from -30°C up to 80°C
 in special cases we can supply up to 200°C (material of sealing FKM PTFE Bronze)

	<p>How to connect TH135-P2 to TH135-180</p>
<p>http://www.youtube.com/watch?v=qflG5tBUoeU</p>	<p>Video-1</p>
<p>http://www.youtube.com/watch?v=KWzg4CWBrSE</p>	<p>Video-2</p>
<p>http://www.youtube.com/watch?v=O6K5D3noHJ8</p>	<p>Video-3</p>
<p>http://www.youtube.com/watch?v=zQE4KXbeoEI</p>	<p>Video-4</p>
<p>http://www.youtube.com/watch?v=XG_Nr4E2c9w</p>	<p>Video-5</p>
<p>http://www.youtube.com/watch?v=1ixM81SPF-E</p>	<p>Video-7</p>
<p>http://www.youtube.com/watch?v=Ih-pLgQ5-aA</p>	<p>Video-8</p>
<p>http://www.youtube.com/watch?v=o6s_pfzMB4w</p>	<p>Video-9</p>



1x Hydraulikschlauch 2SN DN 06 bds DKOS 08-S-3000mm lang
 1x Hydraulikschlauch 2SN DN 06 bds DKOS 08-S-4000mm lang
 2x GE08SREDOMDCF
 2x WH08SRKDSCMDCF



Possible oil

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