AIR HYDRAULIC PUMP

- Converts air pressure to oil pressure
- For grips with spring return

**Item no.: TH135-HP2-2-400:**

Air hydraulic pump with 2 valves
for independent switching of the grips (open – close);
Remote control with ON / OFF switches;
Capacity: 2.75 l/min, 350 bar,
1:61 (air pressure : oil pressure)
Dimensions (LxWxH): 350 x 250 x 400 mm.
Weight 27.5 kg; 220 V 0.1 A. Noise level 60 dBA.
Incl. 2 tubes 3 m and 5 m long

**Item no.: TH135-HP2-2-G-a-400**

Same as TH135-HP2-2-350, but
- incl. housing for noise reduction,
  noise level closed in the box 50 dBA
- with analogue pressure transducer:
  clamping pressure can be adjusted through analogue signal
  1-10 Volt -> 40-400 bar
Dimensions (LxWxH): 723 x 350 x 617 mm.

**Item no.: TH135-HP4-2-G-a-400**

Air hydraulic pump similar to TH135-HP2-2-G-a-400 but
with 4 hydraulic valves to lock the jaws at any required
position (open – stop – close).

**Accessories for the pumps:**

**Item no.: TH135-HPT8-3**
Hydraulic hose, 3 m long, 8 mm, 1/4" fittings, 400 bar, 125°C,
union nuts M16x1.5

**Item no.: TH135-HPT8-5**
Hydraulic hose, 5 m long, 8 mm, 1/4" fittings, 400 bar, 125°C,
union nuts M16x1.5

**Higher temperatures:**
Hydraulic sealings can be used from -30°C up to 125°C
In special cases we can supply up to +200°C (material of sealing FKM PTFE Bronze)
TH135-HP-... back side

TH135-HP-... noise level 50 dBA
How to connect TH135-HP to TH135-180

http://www.youtube.com/watch?v=qflG5tBUoeU  Video-1
http://www.youtube.com/watch?v=KWzq4CWBr5E  Video-2
http://www.youtube.com/watch?v=O6K5D3noHJ8  Video-3
http://www.youtube.com/watch?v=zQE4KXbeoEI  Video-4
http://www.youtube.com/watch?v=XG_Nr4E2c9w  Video-5
http://www.youtube.com/watch?v=Jh-pLqQ5-aA  Video-8
http://www.youtube.com/watch?v=o6s_pfzMB4w  Video-9

1/4"  M16x1.5  1x 3 m  1x 4m

OE 8-PSR mit Dichtung

DKS 16x1.5  SN DN6 350 bar

WH 8 PSR ED  TH135-T300

1x Hydraulikschlauch 2SN DN 06 bds DKOS 08-S-3000mm lang
1x Hydraulikschlauch 2SN DN 06 bds DKOS 08-S-4000mm lang
2x GE08SRED0MDCF
2x WH08SRK0SDCMDCF
Possible oils:

- Aral Vitam GF 46
- BP Energol HLP 46
- Esso Nuto H46
- Shell Tellus Oil 46
  - Hydrol DO 46
  - Hydrol HV 46
- DEA Astron HLP 46