

Key for hp-Special pumps up to 40 bar

1.0

for determination of the order numbers:

| Series | | | | Discharge l/h | | - Direction of rotation - Nozzle port (only PON) viewed from shaft | | Pressure stage bar | Speed of rotation | Medium | Special execution, accessories (add code letters consecutively) |
|--------|------|-------|-------|---------------------------------|---------------------------------|--|------|---|---|---|--|
| | | | | 1400 min ⁻¹ 0 bar | 2800 min ⁻¹ 0 bar | | | | | | |
| B | VB | VBR | NVBR | P | 45 | P | 90 | 0 = 0,5 - 1,5 1 = 1 - 4 3 = 6 - 25 4 = 15 - 40 | 9 = 950 min ⁻¹ 1 = 1400 min ⁻¹ 2 = 2800 min ⁻¹ | 0 = fuel oil MGO/MDO 5 = heavy fuel | H1 = electric heating for series B, VB, VBR and NVBR BH1 = drilling for H1 Sc = quick-closing valve H2 = electric heating for series UHE BH2 = drilling for H2 H3 = electric heating (only for PON) |
| B | VB | VBR | NVBR | M | 80 | M | 160 | | | | |
| B | VB | VBR | NVBR | G | 120 | G | 240 | | | | |
| B | VB | VBR | NVBR | F | 160 | F | 320 | | | | |
| BG | VBG | VBGR | NVBGR | PP | 150 | PP | 300 | | | | |
| BG | VBG | VBGR | NVBGR | PZ | 200 | PZ | 400 | | | | |
| BG | VBG | VBGR | NVBGR | P | 300 | P | 600 | | | | |
| BG | VBG | VBGR | NVBGR | MZ | - | MZ | 850 | | | | |
| BG | VBG | VBGR | NVBGR | M | 450 | M | 900 | | | | |
| BG | VBG | VBGR | NVBGR | GZ | - | GZ | 1100 | | | | |
| BG | VBG | VBGR | NVBGR | G | 600 | G | 1200 | | | | |
| BH | VBH | VBHR | NVBHR | P | 1000 | - | - | | | | |
| BH | VBH | VBHR | NVBHR | M | 1500 | - | - | | | | |
| BH | VBH | VBHR | NVBHR | G | 2000 | - | - | | | | |
| BHG | VBHG | VBHGR | - | P | 3000 | - | - | | | | |
| BHG | VBHG | VBHGR | - | PZ | 3700 | - | - | | | | |
| BHG | VBHG | VBHGR | - | M | 4500 | - | - | | | | |
| BHG | VBHG | VBHGR | - | G | 6000 | - | - | | | | |
| UHE-A2 | - | - | - | PZ | 200 | PZ | 500 | | | | |
| UHE-A3 | - | - | - | P | 300 | P | 700 | | | | |
| UHE-A4 | - | - | - | M | 450 | M | 900 | | | | |
| UHE-A5 | - | - | - | GZ | 550 | GZ | 1300 | | | | |
| PON | - | - | - | - | - | 3 | 90 | | | | |
| PON | - | - | - | - | - | 4 | 160 | | | | |
| PON | - | - | - | - | - | 6 | 240 | | | | |
| PON | - | - | - | - | - | 7 | 320 | | | | |

Example for ordering: hp-Internal gear pump, series VB, with capacity of 450 l/h at 1400 min⁻¹, fuel oil, direction of rotation „counterclockwise“, pressure settings 4 (15-40 bar).

Series expression: VB GM – I – 4 – 10

max. permitted suction pressure on suction connection of the pump is -0,6 bar.

Caution! Gas secretions arise already at -0,4 bar.

Conversion table

| Suntec | | - | | hp-TECHNIK | |
|--------|---|-------------|--|------------|-------------|
| Suntec | | hp-TECHNIK | | Suntec | hp-TECHNIK |
| E4/J4 | ⇒ | PON3-D | | E4/J4 | PON3-I |
| E6/J6 | ⇒ | PON4-D | | E6/J6 | PON4-I |
| E7/J7 | ⇒ | PON6-D | | E7/J7 | PON6-I |
| | | PON7-D | | | PON7-I |
| TA 2 A | ⇒ | UHE-A2-PZ-D | | TA 2 C | UHE-A2-PZ-I |
| TA 3 A | ⇒ | UHE-A3-P-D | | TA 3 C | UHE-A3-P-I |
| TA 4 A | ⇒ | UHE-A4-M-D | | TA 4 C | UHE-A4-M-I |
| TA 5 A | ⇒ | UHE-A5-GZ-D | | TA 5 C | UHE-A5-GZ-I |