

Model No.

T6GCC - B22 - B08 - 6 R 00 - B 1 - 00

Series



Cam ring for "P1" & "P2"

- (Delivery at 0 bar & 1500 r.p.m.)
- B03 = 16,2 l/min B17 = 87,4 l/min
 - B05 = 25,8 l/min B20 = 95,7 l/min
 - B06 = 31,9 l/min B22 = 105,4 l/min
 - B08 = 39,6 l/min **B25 = 118,9 l/min**
 - B10 = 51,1 l/min B28 = 133,2 l/min
 - B12 = 55,6 l/min B31 = 150,0 l/min
 - B14 = 69,0 l/min**

Type of shaft

6 = splined (DIN 5462)

Direction of rotation (view on shaft end)

R = clockwise

L = counter-clockwise

Modification

Mounting W/connection variables

| | P1 = 1" - S = 3" | P1 = 1" - S = 2.1/2"²) |
|------|------------------|------------------------|
| Code | 00-0M | 01-M0 |
| P2 | 1" | 3/4" ¹) |

0 = UNC thread M = metric thread

¹) for 46 ml/rev. max.

²) for 126 ml/rev. max.

The larger cartridge must always be mounted in the front.

Seal class

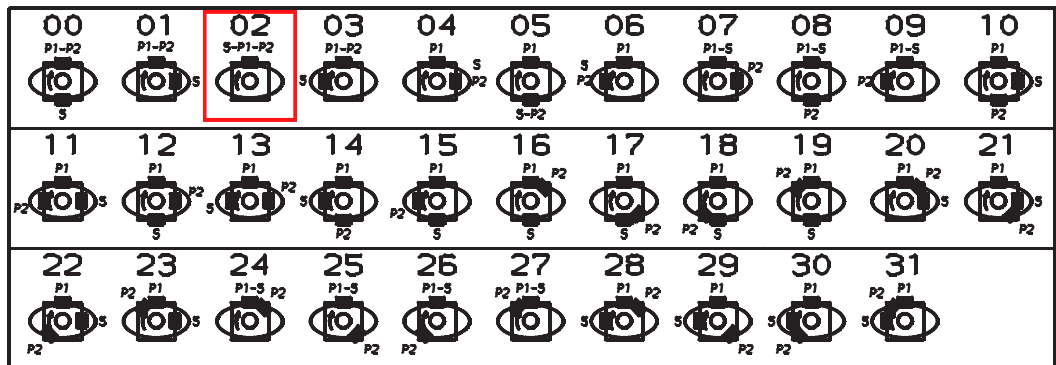
1 = S1 - BUNA N

Design letter

Porting combination

00 = standard

P = Pressure port
S = Suction port



OPERATING CHARACTERISTICS - TYPICAL [24 cSt]

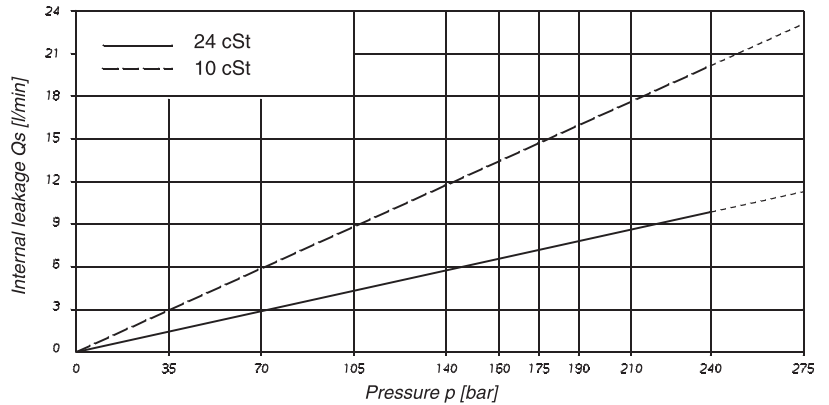
| Series | Volumetric Displacement Vi | Speed n [R.P.M.] | Flow Q [l/min] | | | Input power P [kW] | | |
|--------|----------------------------|------------------|----------------|-------------|-------------|--------------------|-------------|-------------|
| | | | p = 0 bar | p = 140 bar | p = 240 bar | p = 7 bar | p = 140 bar | p = 240 bar |
| B03 | 10,8 ml/rev | 1000 | 10,8 | - | - | 1,0 | - | - |
| | | 1500 | 16,2 | 10,7 | - | 1,3 | 5,3 | - |
| B05 | 17,2 ml/rev | 1000 | 17,2 | 11,7 | - | 1,1 | 5,1 | - |
| | | 1500 | 25,8 | 20,3 | 15,8 | 1,4 | 7,5 | 12,2 |
| B06 | 21,3 ml/rev | 1000 | 21,3 | 15,8 | 11,3 | 1,1 | 6,0 | 10,0 |
| | | 1500 | 31,9 | 26,5 | 22,0 | 1,5 | 8,9 | 14,7 |
| B08 | 26,4 ml/rev | 1000 | 26,4 | 20,9 | 16,4 | 1,2 | 7,2 | 12,1 |
| | | 1500 | 39,6 | 34,1 | 29,6 | 1,6 | 10,7 | 17,7 |
| B10 | 34,1 ml/rev | 1000 | 34,1 | 28,6 | 24,1 | 1,3 | 8,9 | 15,1 |
| | | 1500 | 51,1 | 45,7 | 41,2 | 1,7 | 13,4 | 22,3 |
| B12 | 37,1 ml/rev | 1000 | 37,1 | 31,6 | 27,1 | 1,3 | 9,6 | 16,3 |
| | | 1500 | 55,6 | 50,2 | 45,7 | 1,7 | 14,4 | 24,1 |
| B14 | 46,0 ml/rev | 1000 | 46,0 | 40,5 | 36,0 | 1,4 | 11,7 | 19,9 |
| | | 1500 | 69,0 | 63,5 | 59,0 | 1,9 | 17,6 | 29,5 |
| B17 | 58,3 ml/rev | 1000 | 58,3 | 52,8 | 48,3 | 1,6 | 14,5 | 24,8 |
| | | 1500 | 87,4 | 82,0 | 77,5 | 2,1 | 21,9 | 36,9 |
| B20 | 63,8 ml/rev | 1000 | 63,8 | 58,3 | 53,8 | 1,6 | 15,8 | 27,0 |
| | | 1500 | 95,7 | 90,2 | 85,7 | 2,2 | 23,8 | 40,2 |
| B22 | 70,3 ml/rev | 1000 | 70,3 | 64,8 | 60,3 | 1,7 | 17,3 | 29,6 |
| | | 1500 | 105,4 | 100,0 | 95,5 | 2,3 | 26,1 | 44,1 |
| B25¹) | 79,3 ml/rev | 1000 | 79,3 | 73,8 | 69,3 | 1,8 | 19,3 | 33,2 |
| | | 1500 | 118,9 | 113,5 | 109,0 | 2,5 | 29,2 | 49,5 |
| B28¹) | 88,8 ml/rev | 1000 | 88,8 | 83,3 | 80,1²) | 1,9 | 21,9 | 32,5²) |
| | | 1500 | 133,2 | 127,7 | 124,5²) | 2,8 | 32,7 | 48,5²) |
| B31¹) | 100,0 ml/rev | 1000 | 100,0 | 94,5 | 91,3²) | 2,0 | 24,4 | 36,4²) |
| | | 1500 | 150,0 | 144,5 | 141,3²) | 2,8 | 36,5 | 54,4²) |

¹) B25 - B28 - B31 = 2500 R.P.M. max.

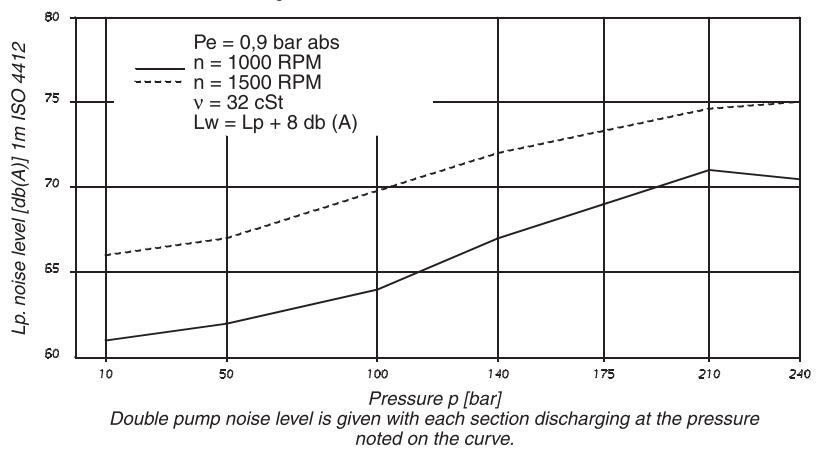
²) B28 - B31 = 210 bar max. int.

- Not to use if the internal leakage is greater than 50% of the theoretical flow.

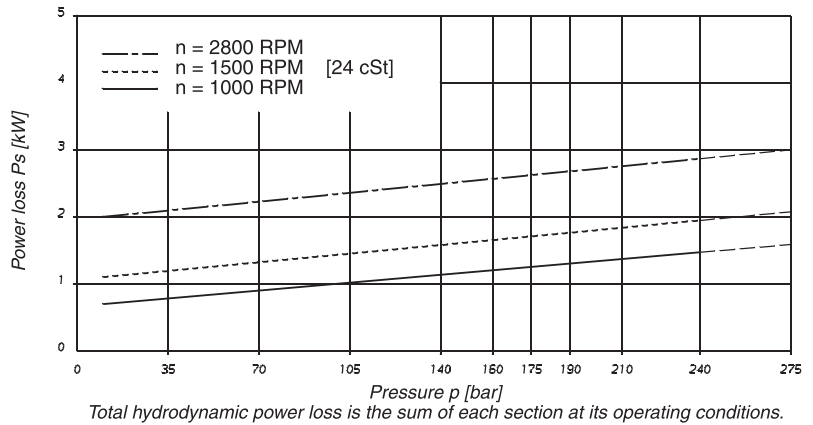
INTERNAL LEAKAGE (TYPICAL)



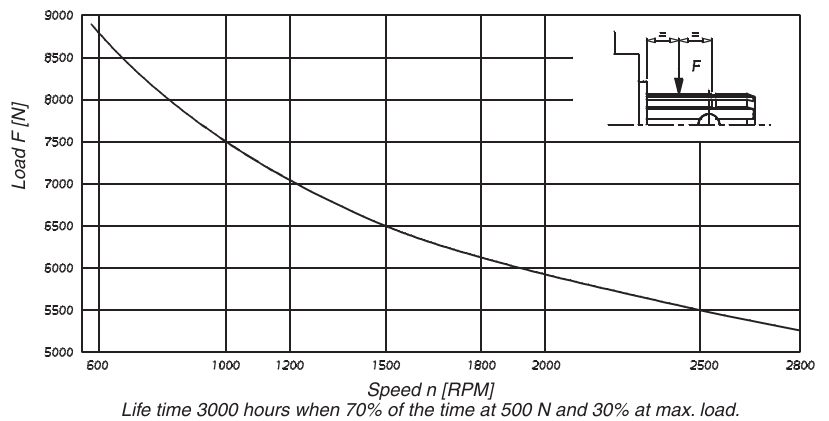
NOISE LEVEL (TYPICAL)
T6GCC - B22 - B22



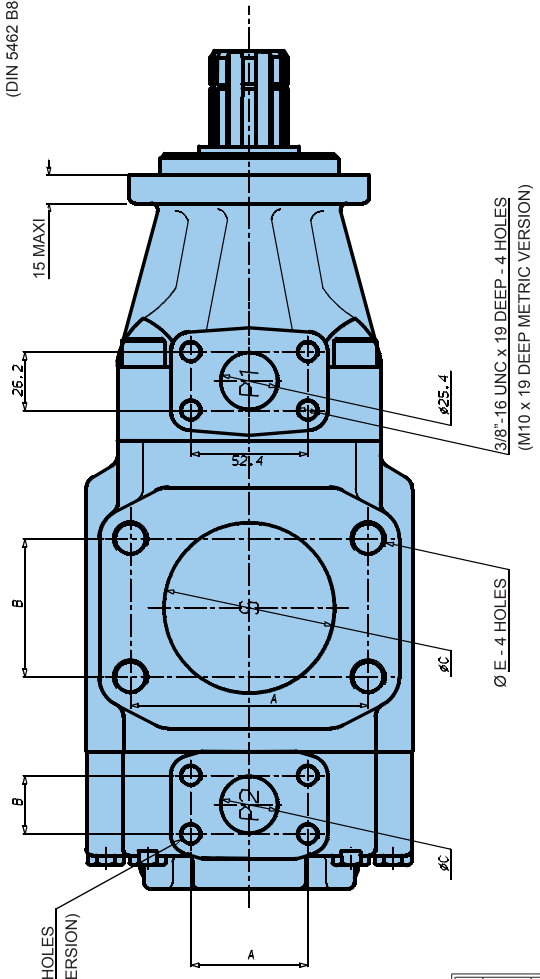
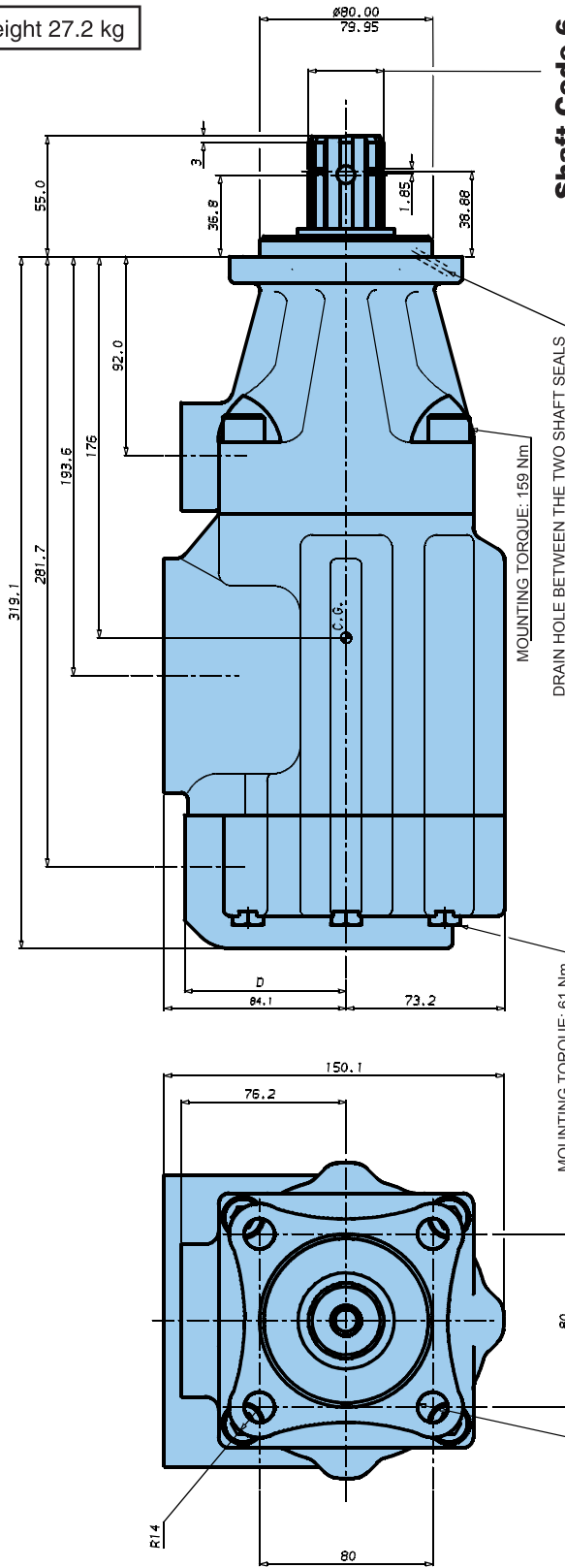
POWER LOSS HYDROMECHANICAL (TYPICAL)



PERMISSIBLE RADIAL LOAD - T6GCC



Weight 27.2 kg



| Shaft torque limits [ml/rev. x bar] | | |
|-------------------------------------|-------|--------------------|
| Pump | Shaft | V1 x p max P1 + P2 |
| T6GCC | 6 | 32670 |

| Port | Code | A | B | C | D | E |
|------|--------|-------|------|------|------|---|
| S | 3" | 106.4 | 61.9 | 76.2 | | 5/8" - 11 x 28.4 deep M16 x 28.4 deep - metric version |
| S | 2-1/2" | 88.9 | 50.8 | 63.5 | | 1/2" - 13 x 23.9 deep M12 x 23.9 deep - metric version |
| P1 | 1" | 52.4 | 26.2 | 25.4 | 76.2 | |
| P2 | 3/4" | 47.7 | 22.4 | 19.0 | 76.2 | |
| P2 | 1" | 52.4 | 26.2 | 25.4 | 74.7 | |