

Ordering Code and Characteristics

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	10-1M	11-M1
P2	1"	3/4" ¹)	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

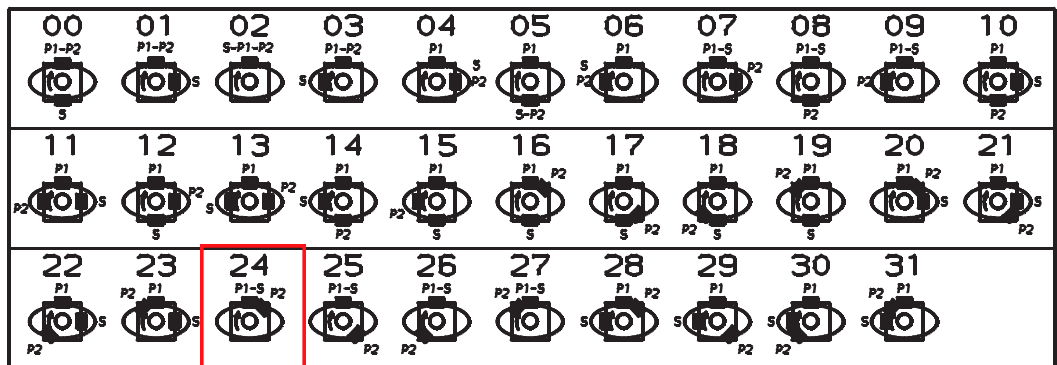
1 = S1 - BUNAN

Design letter

Porting combination

00 = standard

P = Pressure port
S = Suction port



OPERATING CHARACTERISTICS - TYPICAL [24 cSt]

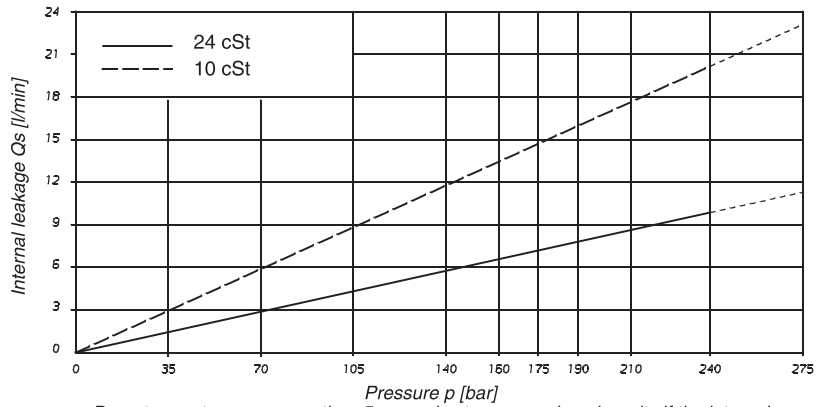
Series	Volumetric Displacement Vi	Speed n [R.P.M.]	Flow Q [l/min]			Input power P [kW]		
			p = 0 bar	p = 140 bar	p = 240 bar	p = 7 bar	p = 140 bar	p = 240 bar
B03	10,8 ml/rev	1000 1500	10,8 16,2	- 10,7	- -	1,0 1,3	- 5,3	- -
B05	17,2 ml/rev	1000 1500	17,2 25,8	11,7 20,3	- 15,8	1,1 1,4	5,1 7,5	- 12,2
B06	21,3 ml/rev	1000 1500	21,3 31,9	15,8 26,5	11,3 22,0	1,1 1,5	6,0 8,9	10,0 14,7
B08	26,4 ml/rev	1000 1500	26,4 39,6	20,9 34,1	16,4 29,6	1,2 1,6	7,2 10,7	12,1 17,7
B10	34,1 ml/rev	1000 1500	34,1 51,1	28,6 45,7	24,1 41,2	1,3 1,7	8,9 13,4	15,1 22,3
B12	37,1 ml/rev	1000 1500	37,1 55,6	31,6 50,2	27,1 45,7	1,3 1,7	9,6 14,4	16,3 24,1
B14	46,0 ml/rev	1000 1500	46,0 69,0	40,5 63,5	36,0 59,0	1,4 1,9	11,7 17,6	19,9 29,5
B17	58,3 ml/rev	1000 1500	58,3 87,4	52,8 82,0	48,3 77,5	1,6 2,1	14,5 21,9	24,8 36,9
B20	63,8 ml/rev	1000 1500	63,8 95,7	58,3 90,2	53,8 85,7	1,6 2,2	15,8 23,8	27,0 40,2
B22	70,3 ml/rev	1000 1500	70,3 105,4	64,8 100,0	60,3 95,5	1,7 2,3	17,3 26,1	29,6 44,1
B25 ¹⁾	79,3 ml/rev	1000 1500	79,3 118,9	73,8 113,5	69,3 109,0	1,8 2,5	19,3 29,2	33,2 49,5
B28 ¹⁾	88,8 ml/rev	1000 1500	88,8 133,2	83,3 127,7	80, ¹²⁾ 124, ⁵²⁾	1,9 2,8	21,9 32,7	32, ⁵²⁾ 48, ⁵²⁾
B31 ¹⁾	100,0 ml/rev	1000 1500	100,0 150,0	94,5 144,5	91, ³²⁾ 141, ³²⁾	2,0 2,8	24,4 36,5	36, ⁴²⁾ 54, ⁴²⁾

¹⁾ B25 - B28 - B31 = 2500 R.P.M. max.

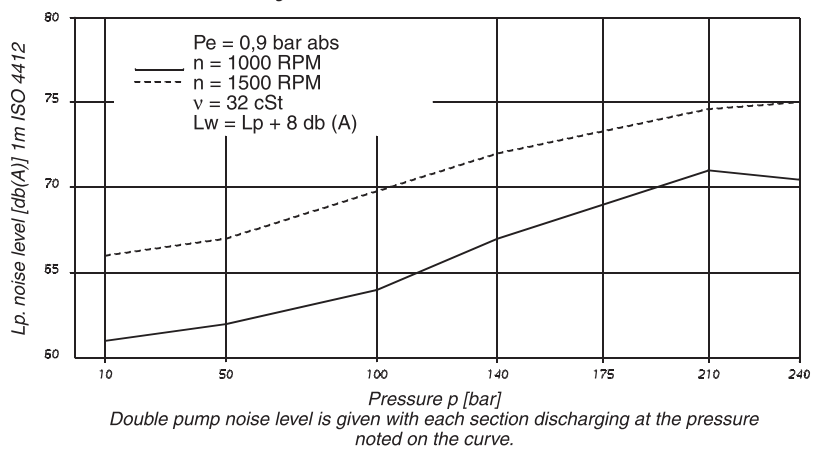
²⁾ B28 - B31 = 210 bar max. int.

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

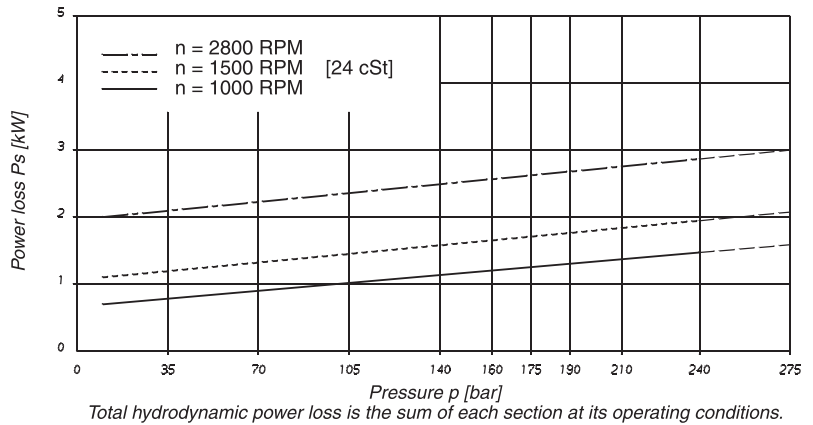
INTERNAL LEAKAGE (TYPICAL)



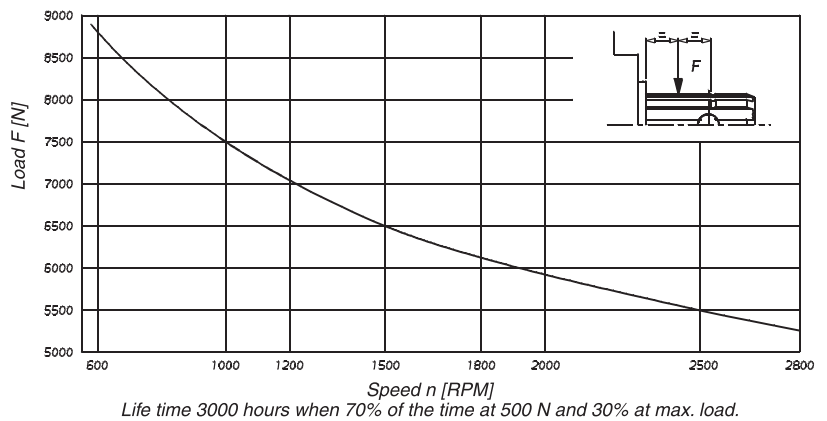
NOISE LEVEL (TYPICAL)
T6GCC - B22 - B22



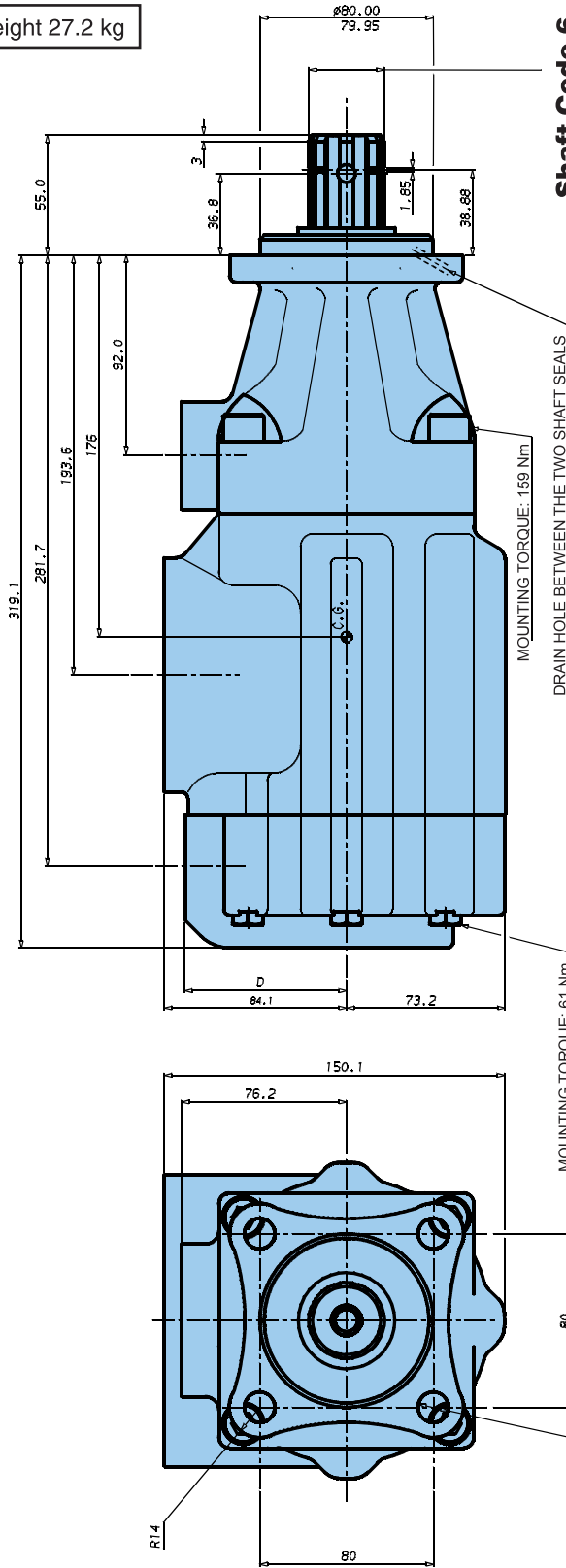
POWER LOSS HYDROMECHANICAL (TYPICAL)



PERMISSIBLE RADIAL LOAD - T6GCC

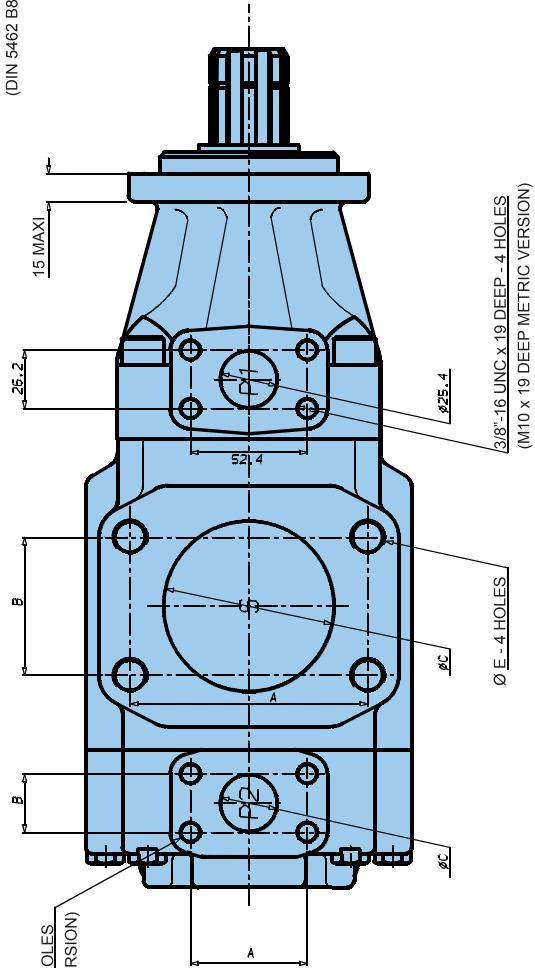


Weight 27.2 kg



Shaft Code 6

(DIN 5462 B8-32-36)



3/8" - 16 UNC x 19 DEEP - 4 HOLES (M10 x 19 DEEP METRIC VERSION)

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