

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	<b>B28 = 133,2 l/min</b>
B12 = 55,6 l/min	B31 = 150,0 l/min
<b>B14 = 69,0 l/min</b>	

Type of shaft

**6 = splined (DIN 5462)**

Direction of rotation (view on shaft end)

**R = clockwise**

**L = counter-clockwise**

Modification

Mounting W/connection variables

	<b>P1 = 1" - S = 3"</b>	<b>P1 = 1" - S = 2.1/2"²)</b>	
Code	<b>00-0M</b>	01-M0	10-1M
P2	1"	3/4" 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

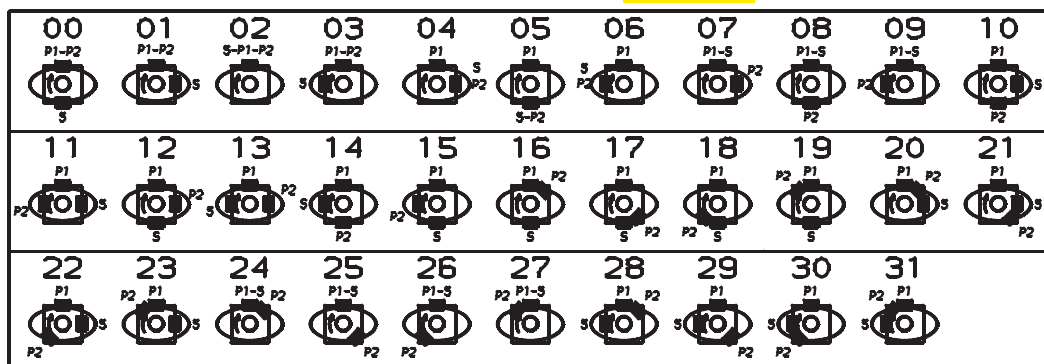
**1 = S1 - BUNA N**

Design letter

Porting combination

**00 = standard**

P = Pressure port  
S = Suction port



**OPERATING CHARACTERISTICS - TYPICAL [24 cSt]**

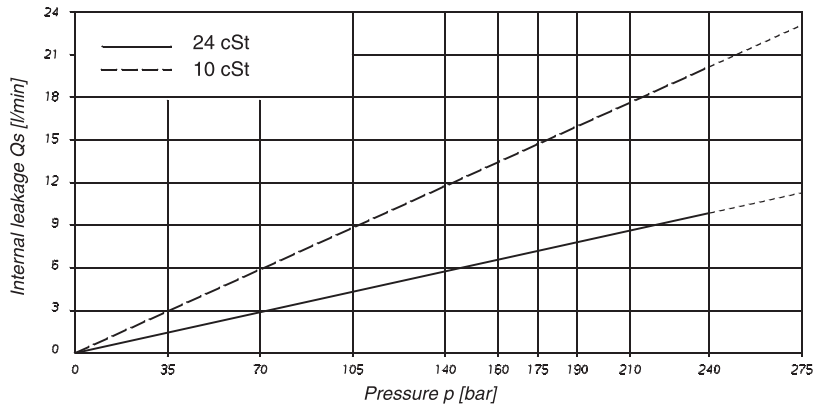
Series	Volumetric Displacement Vi	Speed n [R.P.M.]	Flow Q [l/min]			Input power P [kW]		
			p = 0 bar	p = 140 bar	p = 240 bar	p = 7 bar	p = 140 bar	p = 240 bar
B03	10,8 ml/rev	1000	10,8	-	-	1,0	-	-
		1500	16,2	10,7	-	1,3	5,3	-
B05	17,2 ml/rev	1000	17,2	11,7	-	1,1	5,1	-
		1500	25,8	20,3	15,8	1,4	7,5	12,2
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
<b>B14</b>	<b>46,0 ml/rev</b>	1000	<b>46,0</b>	<b>40,5</b>	<b>36,0</b>	<b>1,4</b>	<b>11,7</b>	<b>19,9</b>
		1500	<b>69,0</b>	<b>63,5</b>	<b>59,0</b>	<b>1,9</b>	<b>17,6</b>	<b>29,5</b>
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
<b>B28¹)</b>	<b>88,8 ml/rev</b>	1000	<b>88,8</b>	<b>83,3</b>	<b>80,1²)</b>	<b>1,9</b>	<b>21,9</b>	<b>32,5²)</b>
		1500	<b>133,2</b>	<b>127,7</b>	<b>124,5²)</b>	<b>2,8</b>	<b>32,7</b>	<b>48,5²)</b>
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.

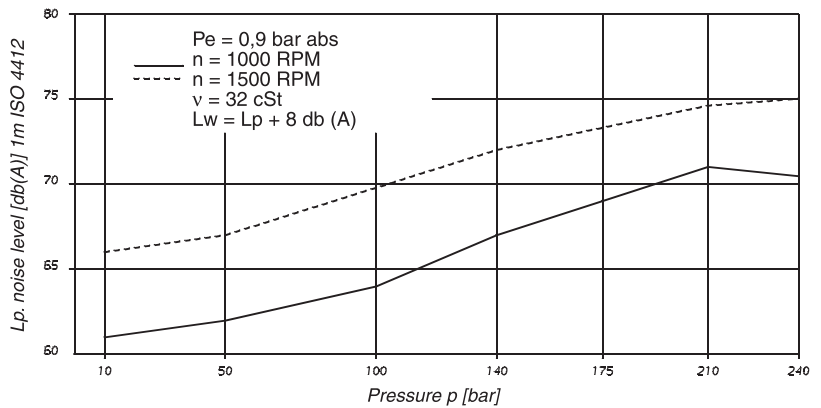
- Not to use if the internal leakage is greater than 50% of the theoretical flow.

**INTERNAL LEAKAGE (TYPICAL)**



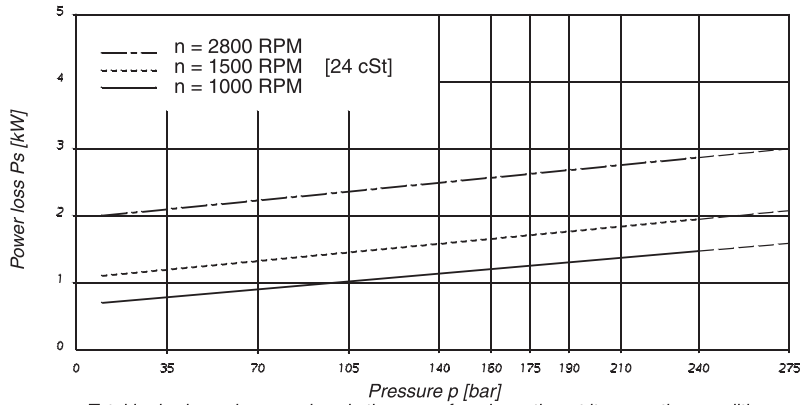
Do not operate pump more than 5 seconds at any speed or viscosity if the internal leakage is more than 50% of the theoretical flow.

**NOISE LEVEL (TYPICAL)**  
**T6GCC - B22 - B22**



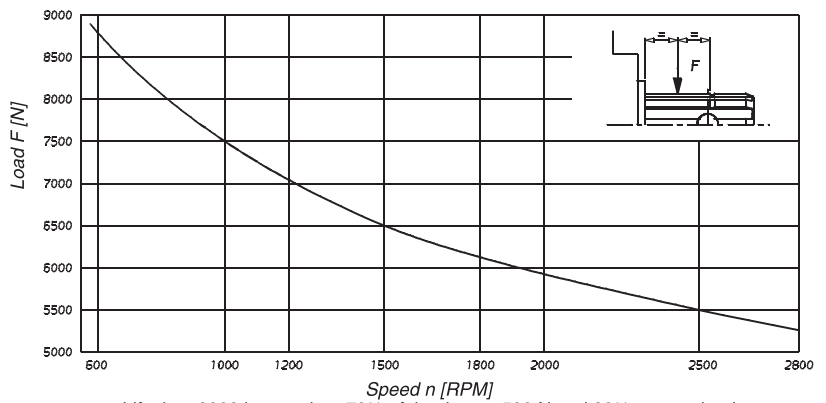
Double pump noise level is given with each section discharging at the pressure noted on the curve.

**POWER LOSS HYDROMECHANICAL (TYPICAL)**

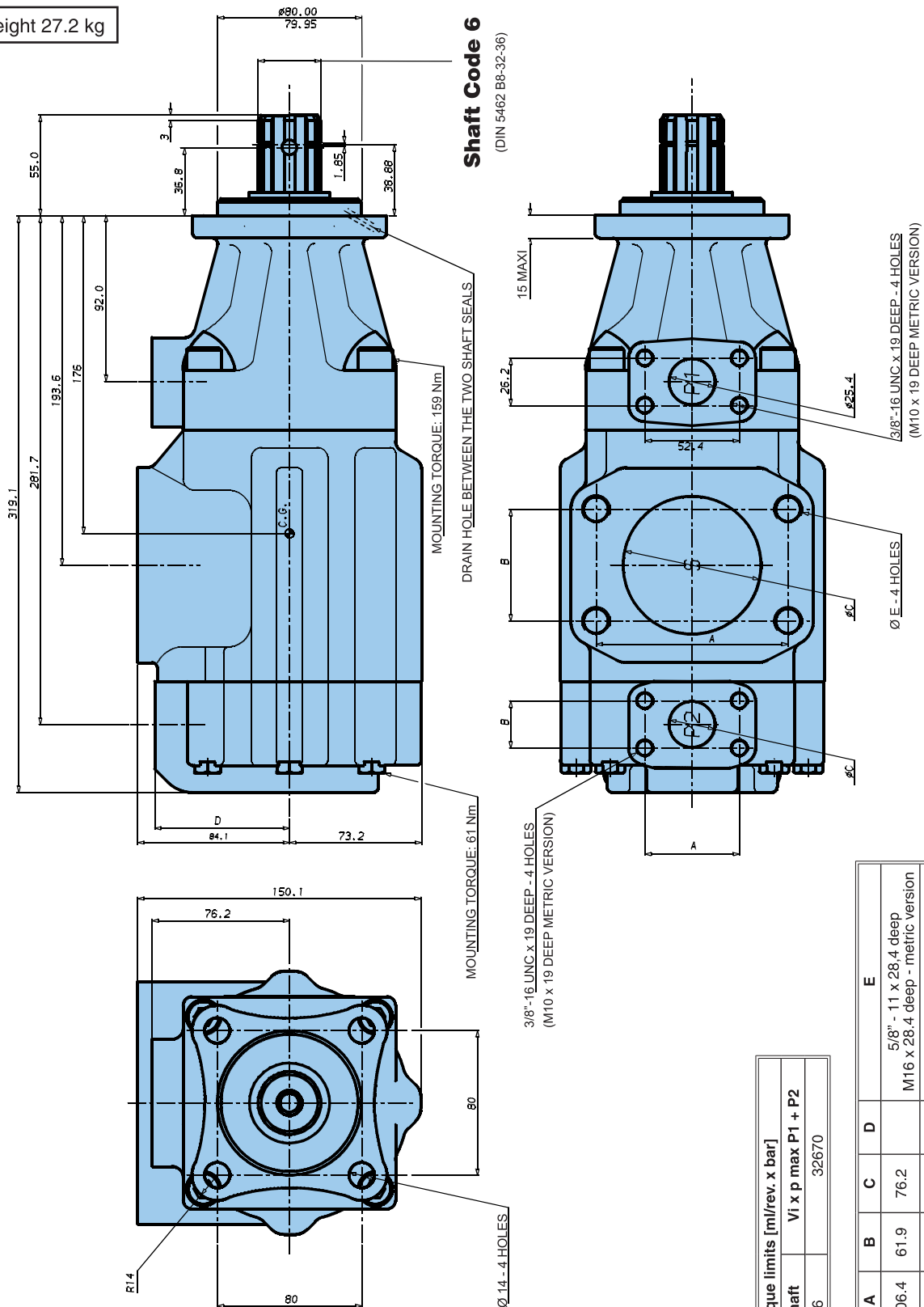


Total hydrodynamic power loss is the sum of each section at its operating conditions.

**PERMISSIBLE RADIAL LOAD - T6GCC**



Weight 27.2 kg



Shaft torque limits [ml/rev. x bar]	
Pump	Shaft
T6GCC	6
Vi 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	