

Model No.

T67GB - B15 - 6 R 00 - A 1 - 00 -

Series

Cam ring

(Delivery at 0 bar & 1500 r.p.m.)

B02 = 8,7 l/min

B07 = 33,7 l/min

B03 = 14,7 l/min

B08 = 37,4 l/min

B04 = 19,2 l/min

B10 = 47,7 l/min

B05 = 23,9 l/min

B12 = 61,5 l/min

B06 = 29,7 l/min

B15 = 75,0 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

	UNC		Metric	
Code	00	01	M0	M1
S = 1.1/2"	SAE	SAE	SAE	SAE
P = 1"	BSPP	SAE	BSPP	SAE

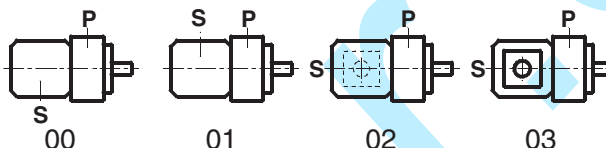
Seal class

1 = S1 - BUNA N

Design letter

Porting combination

00 = standard

P = Pressure port
S = Suction port

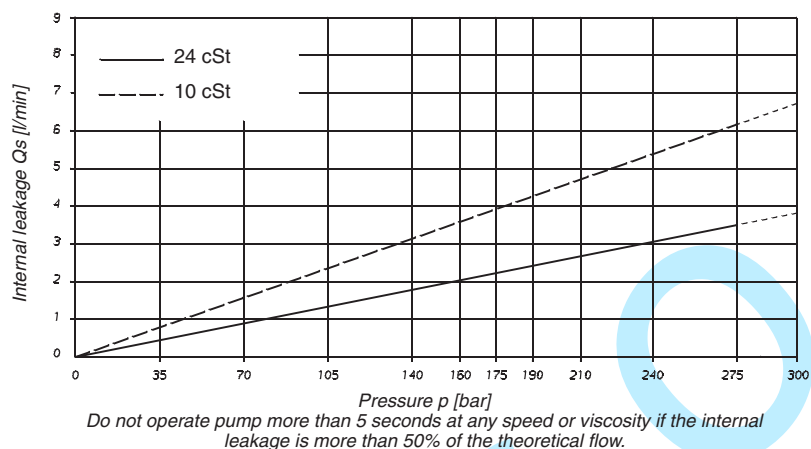
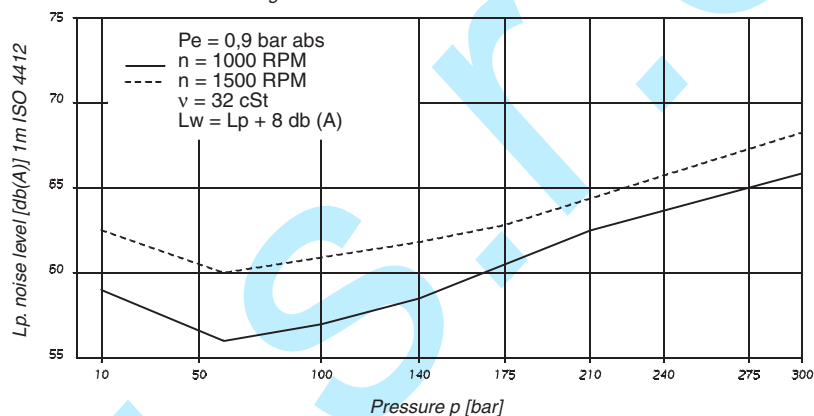
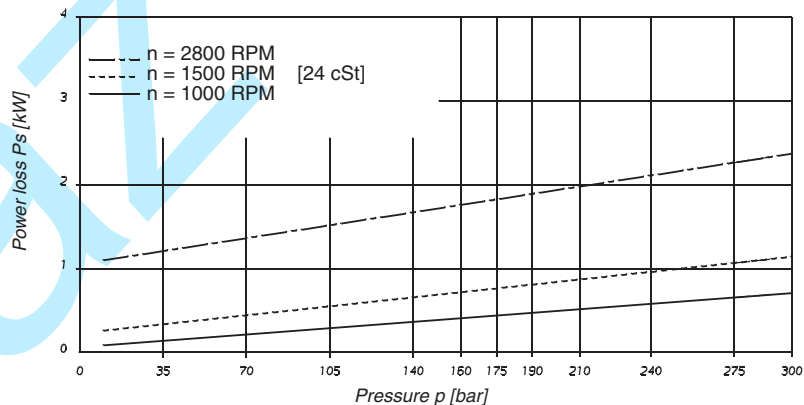
OPERATING CHARACTERISTICS - TYPICAL [24 cSt]

Series	Volumetric Displacement Vi	Speed n [R.P.M.]	Flow Q [l/min]			Input power P [kW]		
			p = 0 bar	p = 140 bar	p = 300 bar	p = 7 bar	p = 140 bar	p = 300 bar
B02	5,8 ml/rev	1000 1500	5,8 8,7	4,1 7,0	- 5,1	0,2 0,5	1,6 2,6	- 5,1
B03	9,8 ml/rev	1000 1500	9,8 14,7	8,1 13,0	6,2 11,1	0,2 0,6	2,5 4,0	5,3 8,1
B04	12,8 ml/rev	1000 1500	12,8 19,2	11,1 17,5	9,2 15,6	0,3 0,6	3,2 5,0	6,8 10,4
B05	15,9 ml/rev	1000 1500	15,9 23,9	14,2 22,2	12,3 20,2	0,3 0,7	4,0 6,1	8,4 12,7
B06	19,8 ml/rev	1000 1500	19,8 29,7	18,1 28,0	16,2 26,1	0,3 0,7	4,9 7,5	10,3 15,6
B07	22,5 ml/rev	1000 1500	22,5 33,7	20,8 32,0	19,0 30,2	0,4 0,8	5,5 8,5	11,8 17,6
B08	24,9 ml/rev	1000 1500	24,9 37,4	23,2 35,7	21,3 33,7	0,4 0,8	6,1 9,3	12,9 19,5
B10	31,8 ml/rev	1000 1500	31,8 47,7	30,1 46,0	28,2 44,1	0,5 0,9	7,7 11,7	16,3 24,6
B12	41,0 ml/rev	1000 1500	41,0 61,5	39,3 59,8	37,4 57,9	0,6 1,1	9,8 14,9	20,9 31,5
B15	50,0 ml/rev	1000 1500	50,0 75,0	48,3 73,3	46,6 ¹⁾ 71,6 ¹⁾	0,7 1,3	11,9 18,1	23,7 ¹⁾ 35,7 ¹⁾

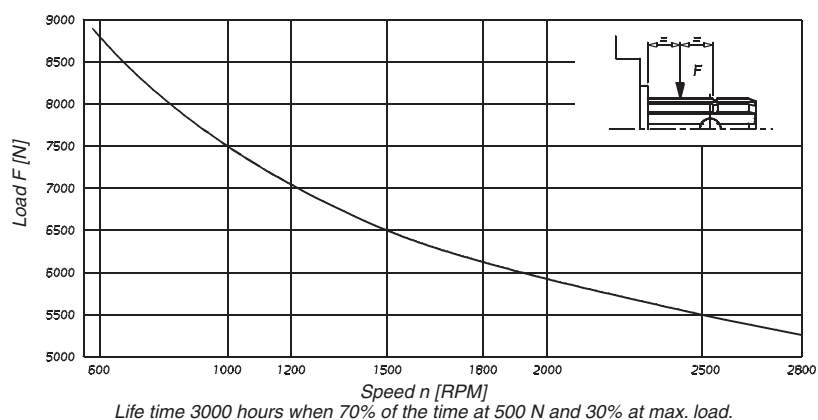
¹⁾ B15 = 280 bar max. int.

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

INTERNAL LEAKAGE (TYPICAL)

NOISE LEVEL (TYPICAL)
T67GB - B10POWER LOSS HYDROMECHANICAL
(TYPICAL)

PERMISSIBLE RADIAL LOAD



Model No. T6ZC - B22 - 6 R 00 - A 1 - 00 -

Series _____

Cam ring _____
(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) T6GC
6 = splined (DIN 5463) T6ZC

Direction of rotation (view on shaft end) _____
R = clockwise
L = counter-clockwise

Modification _____

Mounting W/connection variables

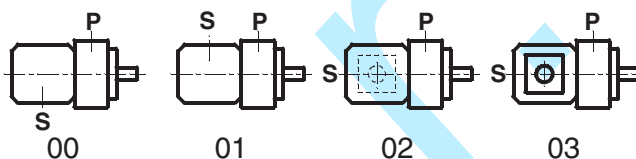
	UNC		Metric T6GC only	
Code	00	01	M0	M1
S = 1.1/2"	SAE	SAE	SAE	SAE
P = 1"	BSPP	SAE	BSPP	SAE

Seal class
1 = S1 - BUNA N (T6GC and T6ZC)
5 = S5 - VITON® (T6ZC)

Design letter _____

Porting combination
00 = standard

P = Pressure port
S = Suction port



OPERATING CHARACTERISTICS - TYPICAL [24 cSt]

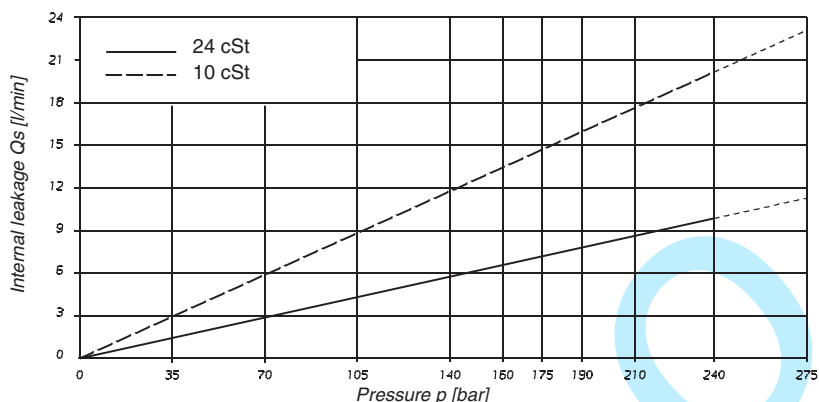
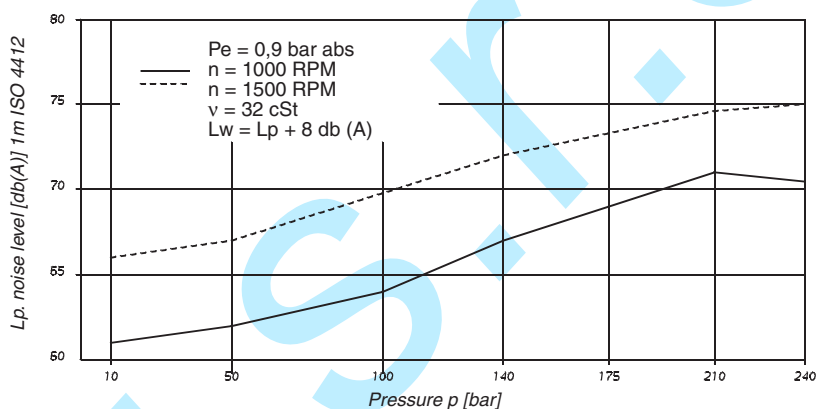
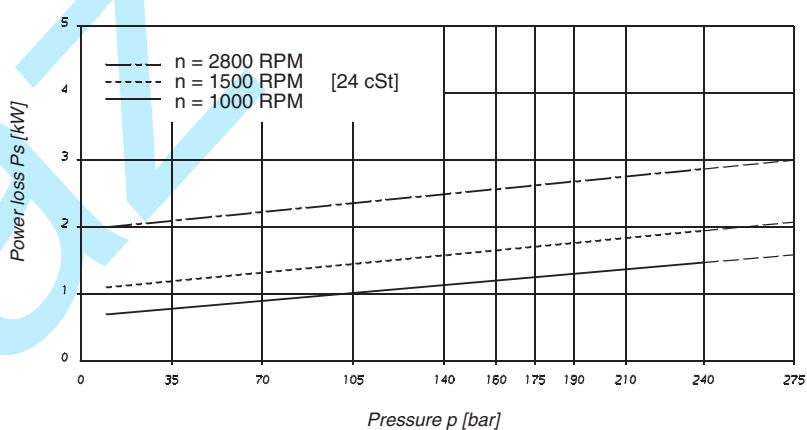
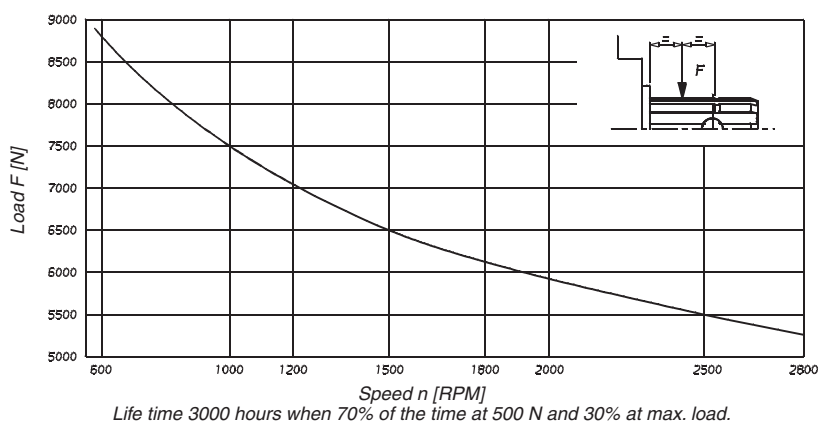
Series	Volumetric Displacement Vi	Speed n [R.P.M.]	Flow Q [l/min]			Input power P [kW]		
			p = 0 bar	p = 140 bar	p = 240 bar	p = 7 bar	p = 140 bar	p = 240 bar
B03	10,8 ml/rev	1000 1500	10,8 16,2	- 10,7	- -	1,0 1,3	- 5,3	- -
B05	17,2 ml/rev	1000 1500	17,2 25,8	11,7 20,3	- 15,8	1,1 1,4	5,1 7,5	- 12,2
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	80,1 ²⁾ 124,5 ²⁾	1,9 2,8	21,9 32,7	32,5 ²⁾ 48,5 ²⁾
B31 ¹⁾	100,0 ml/rev	1000 1500	100,0 150,0	94,5 144,5	91,3 ²⁾ 141,3 ²⁾	2,0 2,8	24,4 36,5	36,4 ²⁾ 54,4 ²⁾

¹⁾ B25 - B28 - B31 = 2500 R.P.M. max.

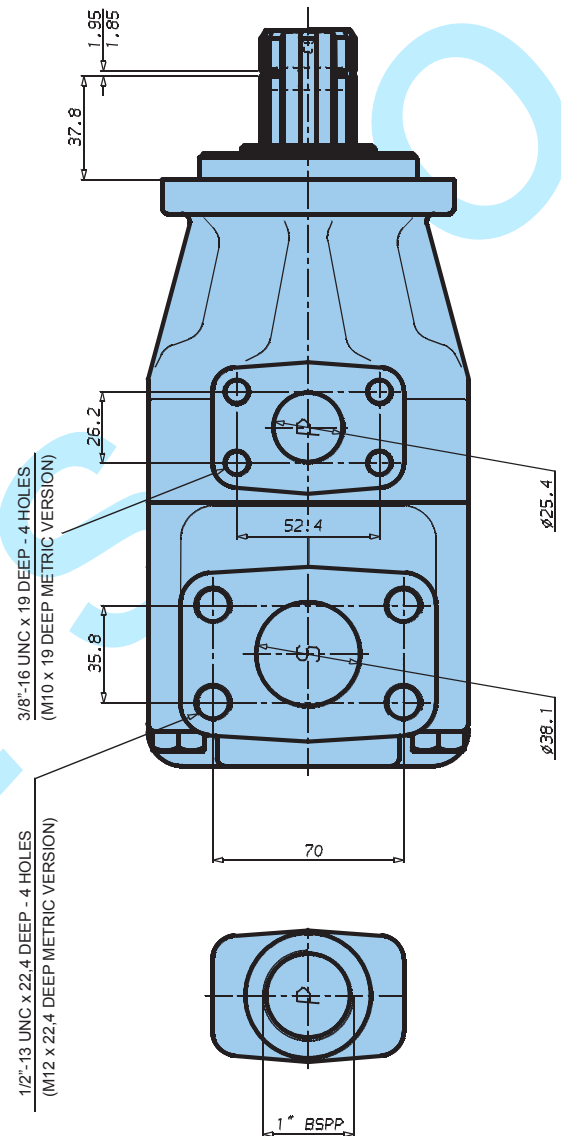
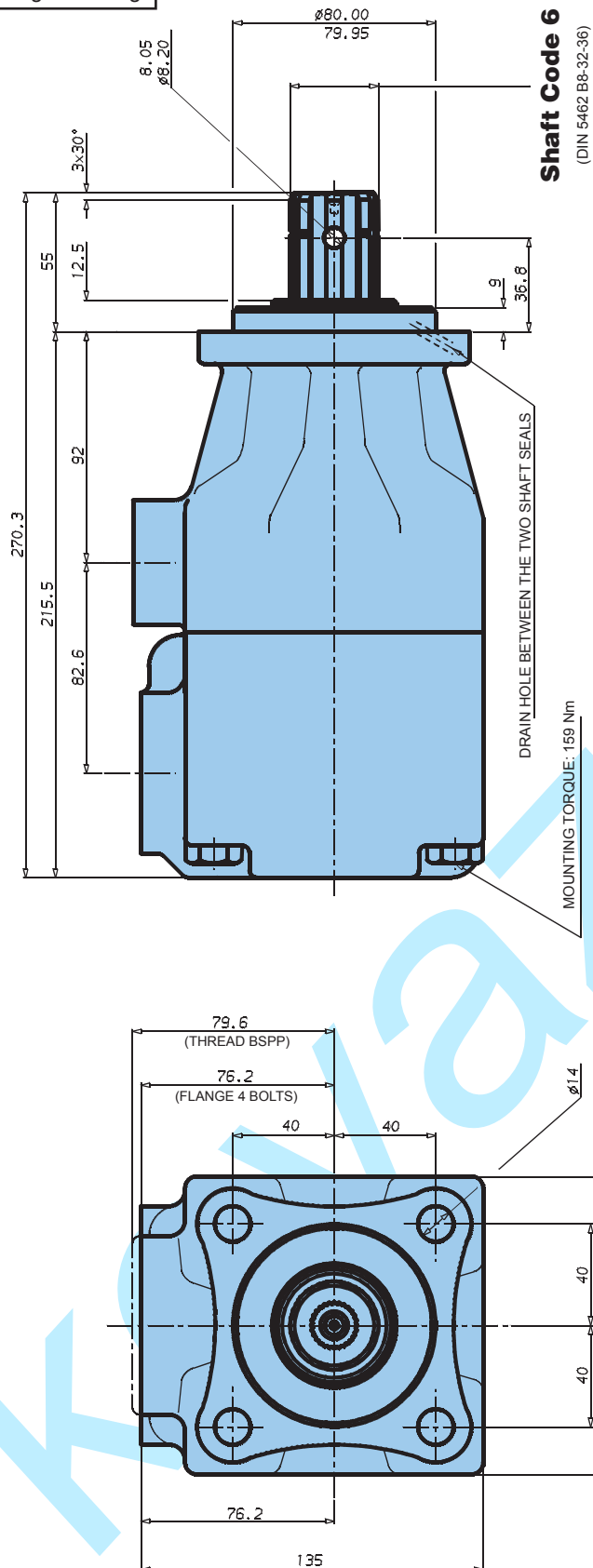
²⁾ B28 - B31 = 210 bar max. int.

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

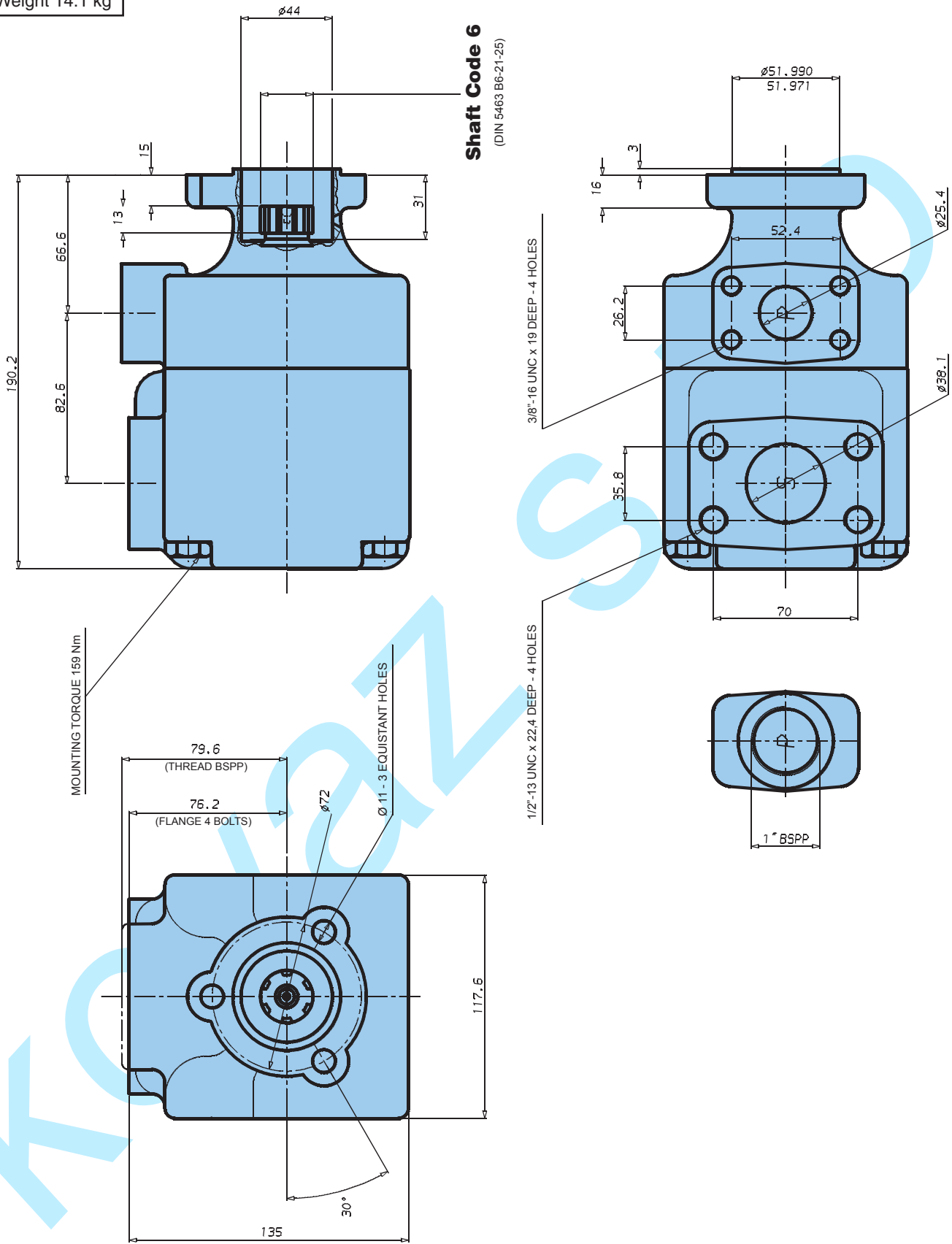
INTERNAL LEAKAGE (TYPICAL)

NOISE LEVEL (TYPICAL)
T6GC - B22POWER LOSS HYDROMECHANICAL
(TYPICAL)PERMISSIBLE RADIAL LOAD
T6GC

Weight 18.0 kg



Weight 14.1 kg



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

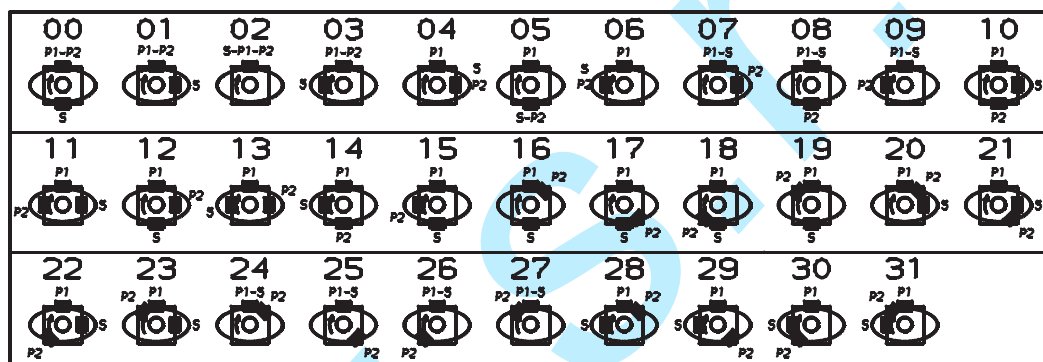
1 = S1 - BUNA N

Design letter

Porting combination

00 = standard

P = Pressure port
 S = Suction port



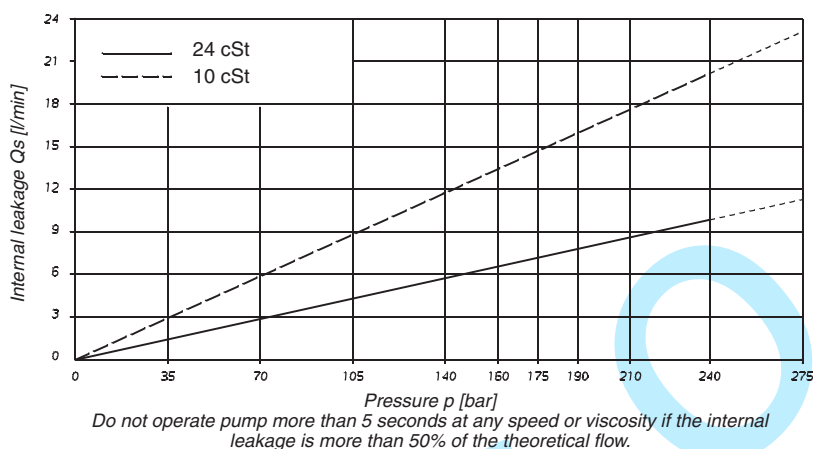
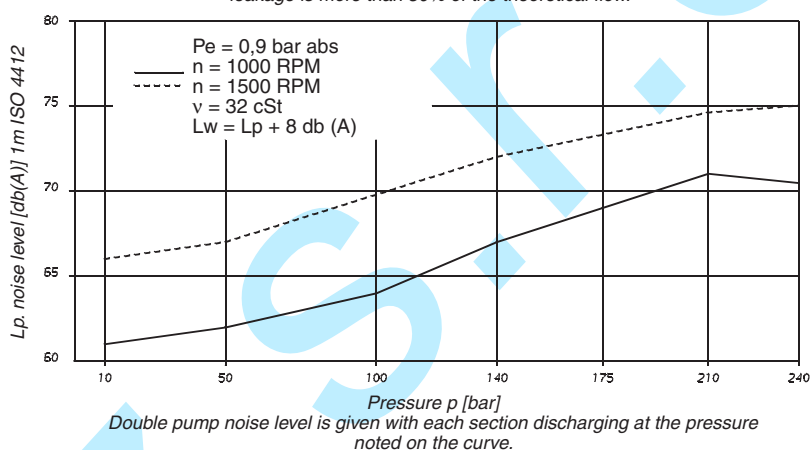
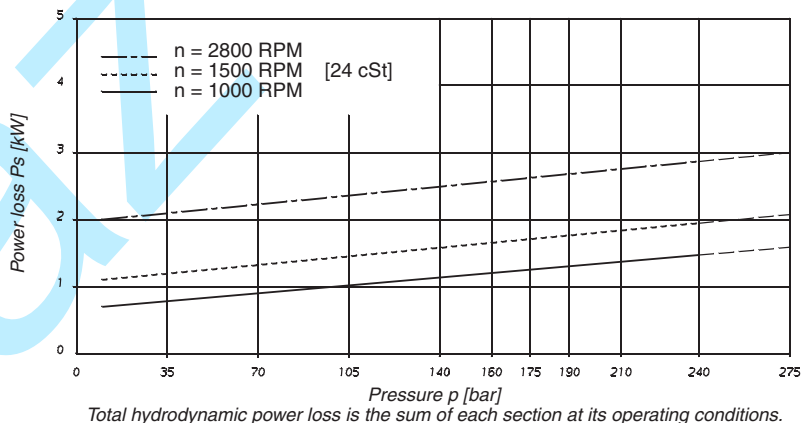
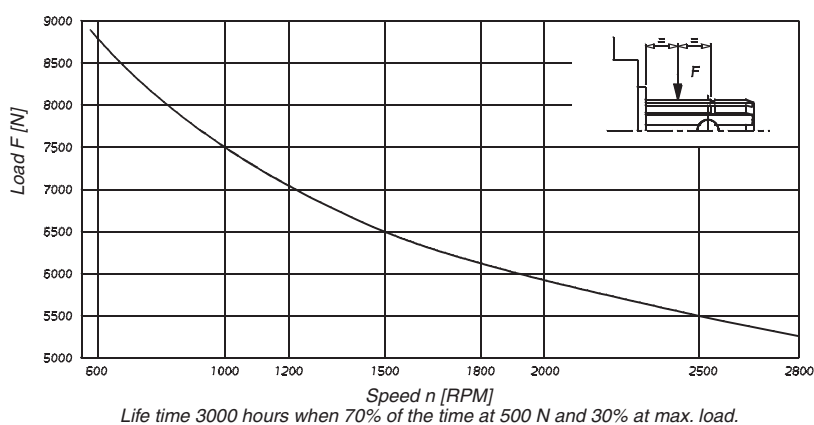
OPERATING CHARACTERISTICS - TYPICAL [24 cSt]

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
B25 ¹⁾	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
B28 ¹⁾	88,8 ml/rev	1000	88,8	83,3	80,1 ²⁾	1,9	21,9	32,5 ²⁾
		1500	133,2	127,7	124,5 ²⁾	2,8	32,7	48,5 ²⁾
B31 ¹⁾	100,0 ml/rev	1000	100,0	94,5	91,3 ²⁾	2,0	24,4	36,4 ²⁾
		1500	150,0	144,5	141,3 ²⁾	2,8	36,5	54,4 ²⁾

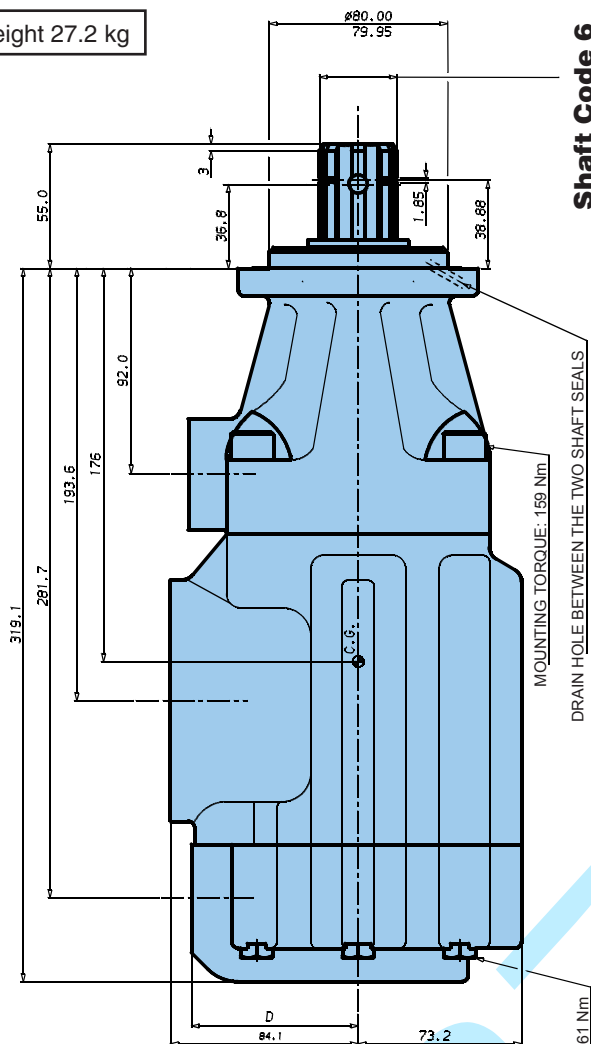
¹⁾ B25 - B28 - B31 = 2500 R.P.M. max.²⁾ B28 - B31 = 210 bar max. int.

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

INTERNAL LEAKAGE (TYPICAL)

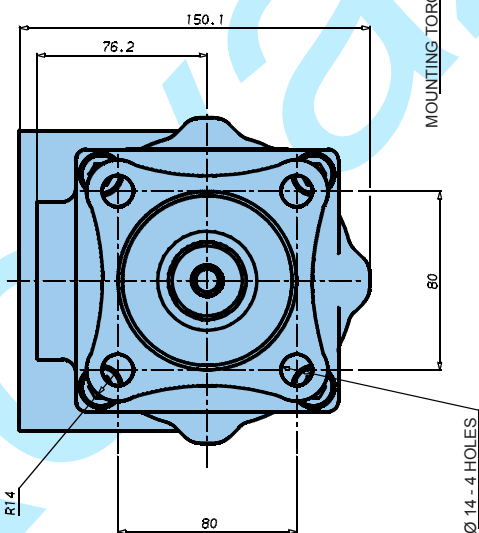
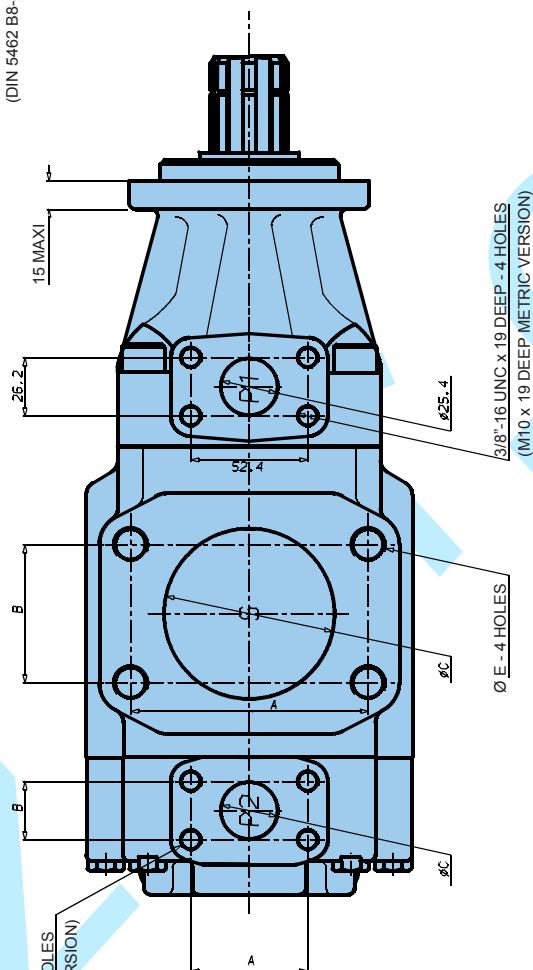
NOISE LEVEL (TYPICAL)
T6GCC - B22 - B22POWER LOSS HYDROMECHANICAL
(TYPICAL)PERMISSIBLE RADIAL LOAD -
T6GCC

Weight 27.2 kg



Shaft Code 6

(DIN 5462 B8-32-36)



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