

Speed and pressure ratings

Double pumps		Theoretical Displacement Vi cm³/rev.	Minimum Speed rpm	Maximum Speed HF0. HF2 HF6a. HF6b rpm	Maximum Pressure HF0. HF2. HF6a. HF6b		
Type	Ring				Peak bar	Int. bar	Cont. bar
T7GCC	M03	10.8	400	*2800	300	275	240
	M05	17.2					
	M06	21.3					
	M08	26.4					
	M10	34.1					
	M12	37.1					
	M14	46.0					
	M17	58.3					
	M20	63.8					
	M22	70.3					
	M25	79.3					
	M28	88.8					
	M31	100.0		*2500	230	210	160
T7GBB	E03	9.8	150	3600	350	300	275
	E04	12.8					
	E05	15.9					
	E06	19.8					
	E07	22.5					
	E08	24.9					
	E09	28.0					
	E10	31.8					
	E11	35.0					
	E12	41.0					
	E14	45.0					
	E15	50.0		3400			
				3000			
				2700	330	280	240

HF0, HF2 = Antiwear Petroleum Base

HF6a = HEES saturated Bio fluids

HF6b = HEES partially saturated Bio fluids

Note : For further information or if the performance characteristics outlined in the table do not meet your particular requirements, please consult your local Parker office.

*Please be sure that the inlet velocity is under 1,9 m/sec.

T7GCC M17 M10 6R00 A100

T7GCC series - DIN - 4 bolts
NF ISO 7653

Displacement P1 and P2

Volumetric displacement (cm³/rev)

M03 = 10.8

M05 = 17.2

M06 = 21.3

M08 = 26.4

M10 = 34.1

M12 = 37.1

M14 = 46.0

M17 = 58.3

M20 = 63.8

M22 = 70.3

M25 = 79.3

M28 = 88.8

M31 = 100.0

Optimized for
Mobile application

Type of shaft

6 = splined (DIN 5462)

P1

P2

Ports

	SAE Flange J518			
	Metric threads		UNC threads	
Code	0M	1M	00	10
S	3"	2.1/2"	3"	2.1/2"
P1	1"			
P2	1"			

Always place the largest cartridge on the P1 port.

Seal class

1 = S1 BUNA N

7 bar max. (for mineral oil)

5 = S5 VITON®

7 bar max. (for mineral oil and fire resistant fluids)

Design letter

Porting combination

See Link to porting diagrams

Direction of rotation (shaft end view)

R = Clockwise

L = Counter-clockwise



Link to
dimension drawing

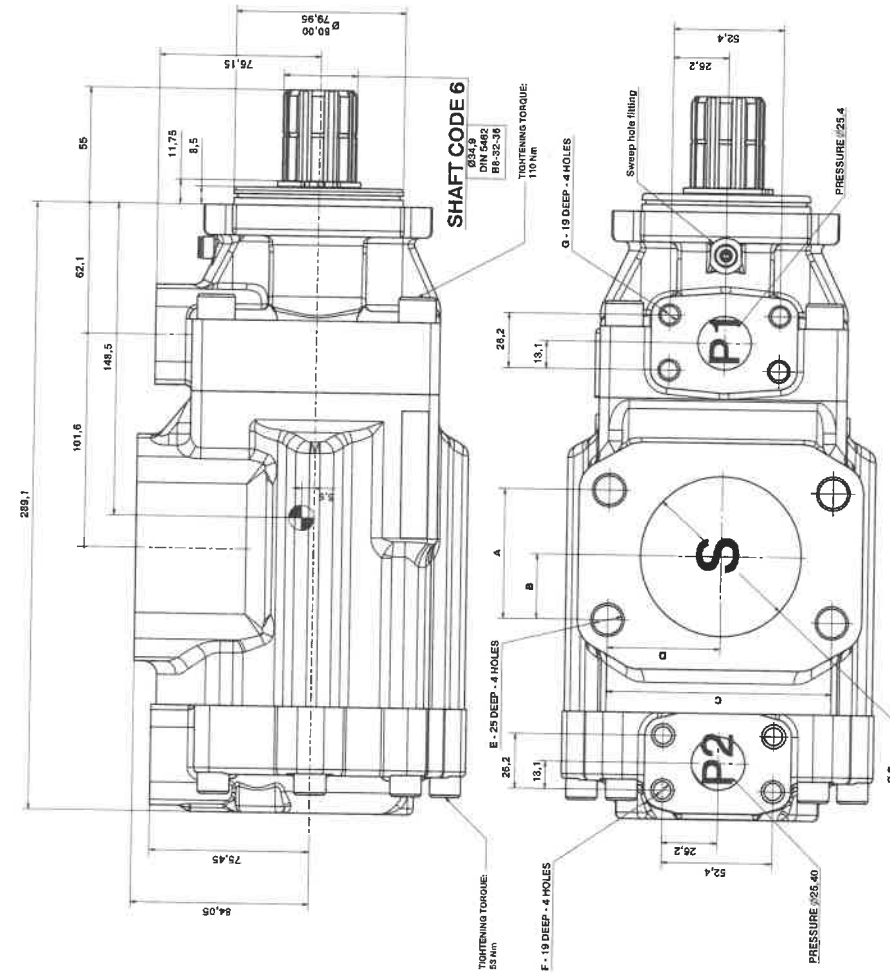


Link to
technical data



Link to
porting diagrams

T7GBB - T7GCC



CONNECTION DETAILS (mm)									
Code	Ø S	A	B	C	D	E	F	G	
1M	63,5	50,8	25,4	88,9	44,45	M12	M10	M10	
10	63,5	50,8	25,4	88,9	44,45	1/2" 13	3/8" 16	3/8" 16	
0M	76,2	61,9	30,95	106,4	53,2	M16	M10	M10	
00	76,2	61,9	30,95	106,4	53,2	5/8" 11	3/8" 16	3/8" 16	

