

Model No.

T7B or T7BS - B10 - 1 R 00 - A 1 M0 - ..

T7B series - 100 A2 HW
ISO 2 bolts 3019-2 mounting flange
T7BS series - SAE B 2 bolts
Mounting flange J744

Displacement

Volumetric displacement (ml/rev)

B02 = 5,8 B09 = 28,0
B03 = 9,8 B10 = 31,8
B04 = 12,8 B11 = 35,0
B05 = 15,9 B12 = 41,0
B06 = 19,8 B14 = 45,0
B07 = 22,5 B15 = 50,0
B08 = 24,9

Type of shaft T7B - T7BS

2 = keyed (ISO R775)

Type of shaft T7BS

1 = keyed (SAE B)
3 = splined (SAE B)
4 = splined (SAE BB)

Modifications

Mounting w/connection variables

4 bolts SAE flange (J518C)

	Metric thread		UNC thread	
	T7B - T7BS	T7BS	T7B	T7BS
	M0	M1	00	01
P	1"	3/4"	1"	3/4"
S	1 1/2			

Seal class

1 = S1 - BUNA N
4 = S4 - EPDM
5 = S5 - VITON

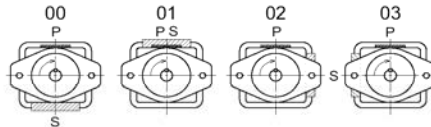
Design letter

00 = standard

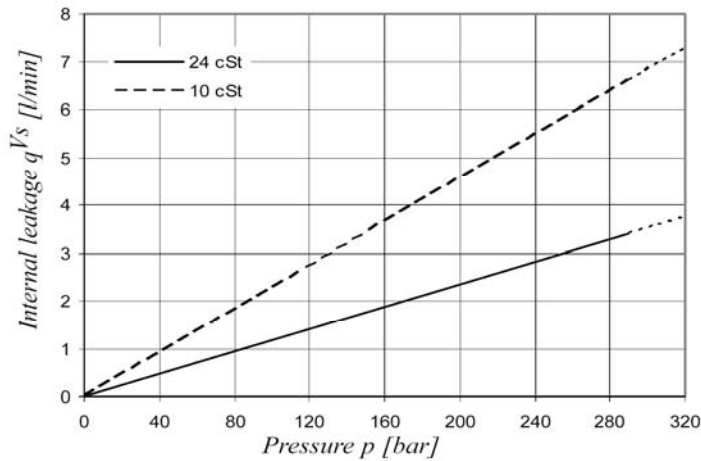
Direction of rotation (view on shaft end)

R = Clockwise
L = Counter-clockwise

P = Pressure port
S = Suction port

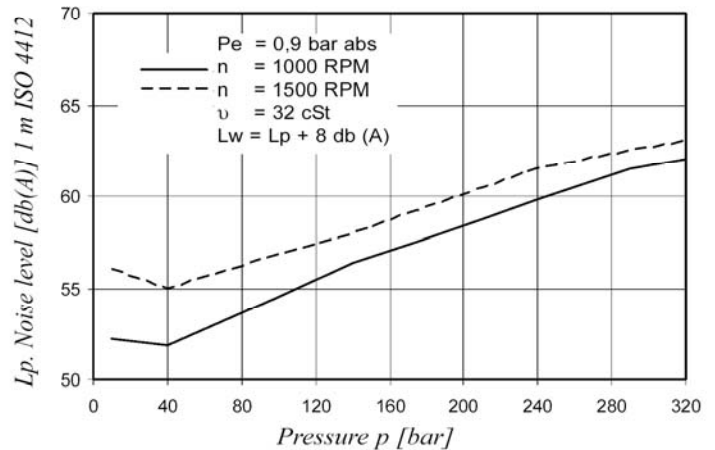


INTERNAL LEAKAGE (TYPICAL)

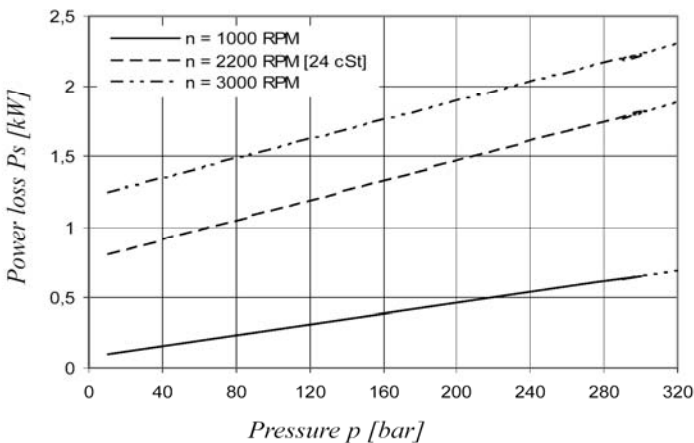


Do not operate pump more than 5 seconds at any speed or viscosity if internal leakage is more than 50% of theoretical flow.

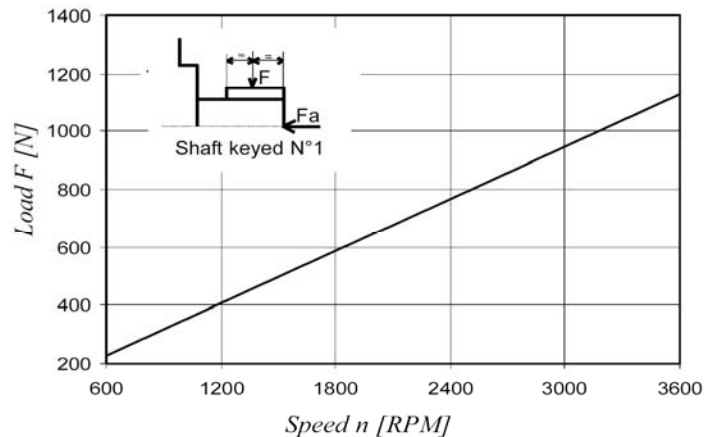
NOISE LEVEL (TYPICAL) T7B - B10



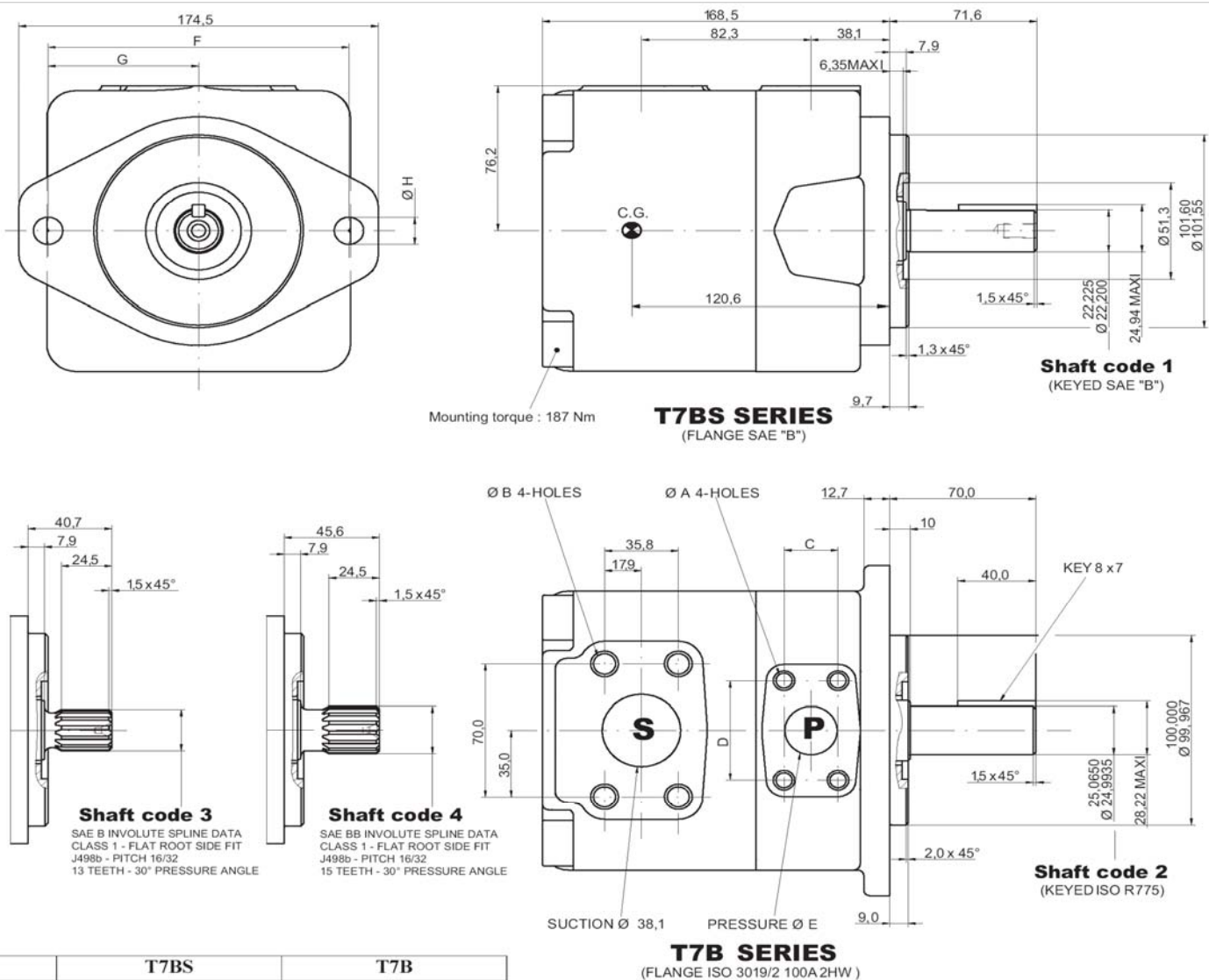
HYDROMECHANICAL POWER LOSS (TYPICAL)



PERMISSIBLE RADIAL LOAD



Maximum permissible axial load $F_a = 800 \text{ N}$



	T7BS		T7B	
	00	01	M0	M1
Ø A	3/8 16 UNC x 19 deep		M10 x 19 deep	
Ø B	1/2 13 UNC x 22,4 deep		M12 x 22,4 deep	
C	26,20	22,25	26,20	22,25
D	52,4	47,65	52,4	47,65
Ø E	25,4	19,1	25,4	19,1
F	146		140	
G	73		70	
Ø H	14,3		14,0	

Shaft torque limits [ml/rev. x bar]	
Shaft	Vi x p max.
1	16500
2	20600
3	20600
4	20600