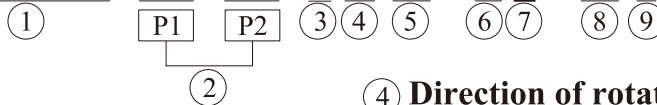


KT6GCC - B22 - B08 - 6 R 00 - A 1 - 00 *



① Series

② Cam ring for " P1 "

Volumetric displacement (cm³/rev)

B05=17.2	B17=58.3
B06=21.3	B20=63.8
B08=26.4	B22=70.3
B10=34.1	B25=79.3
B12=37.1	B28=88.8
B14=46.0	B31=100.0

Cam ring for " P2 "

B05=17.2	B17=58.3
B06=21.3	B20=63.8
B08=26.4	B22=70.3
B10=34.1	B25=79.3
B12=37.1	B28=88.8
B14=46.0	B31=100.0

③ Type of shaft

6-splined (DIN 5462)

④ Direction of rotation(view on shaft end)

R=clockwise
L=counter-clockwise

⑤ Porting combination

00-standard

⑥ Design letter

⑦ Seal class

1-S1

⑧ Mounting W/connection variables

		P1=1" S=3"		P1=1" S=2 1/2" 2)	
P2		1"	3/4" 1)	1"	3/4" 1)
Code	Unc	00	01	10	11
	Metric	0M	M0	1M	M1

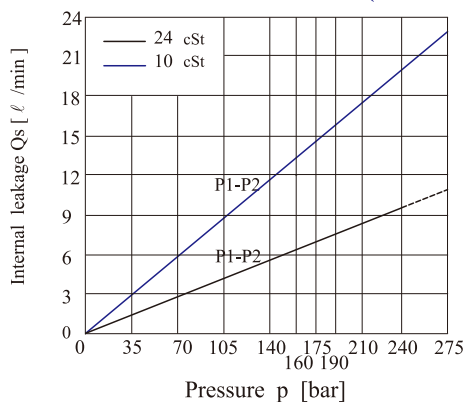
1)for 46mℓ/rev.max.

2)for 126mℓ/rev.max.

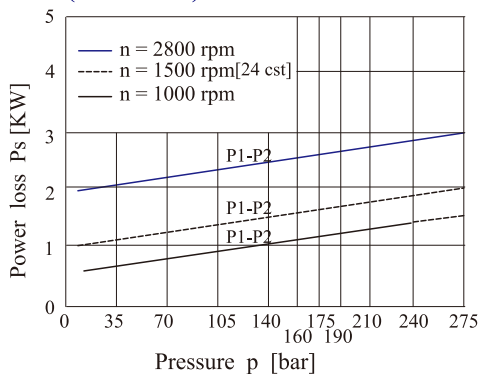
The large cartridge must be always mounted in the front.

⑨ Modifications

INTERNAL LEAKAGE (TYPICAL)

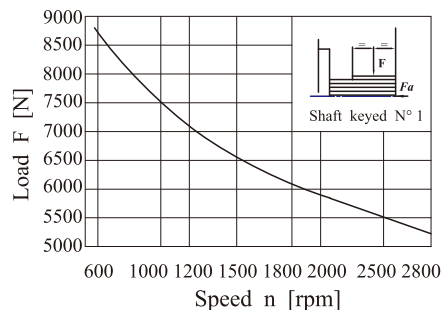


HYDROMECHANICAL POWER LOSS (TYPICAL)



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

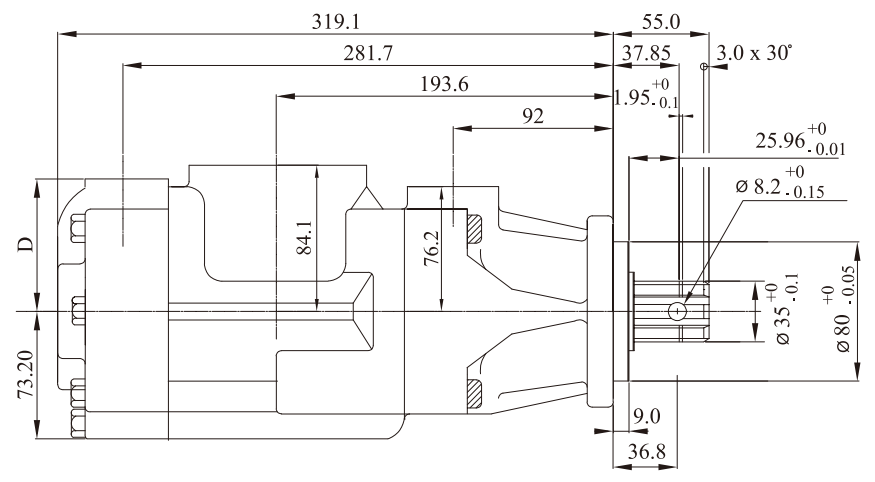
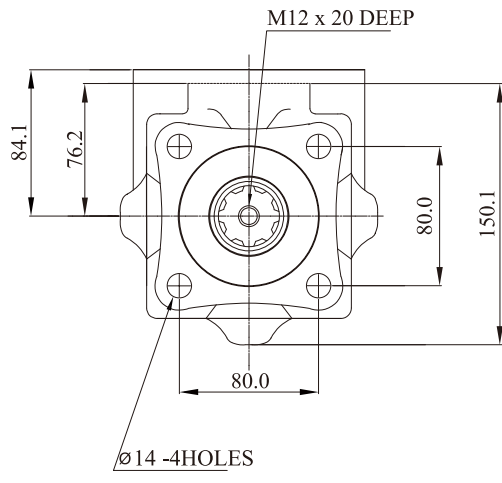
PERMISSIBLE RADIAL LOAD



Lift time 3000 hours when 70% of the time at 500N and 30% at max. load

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

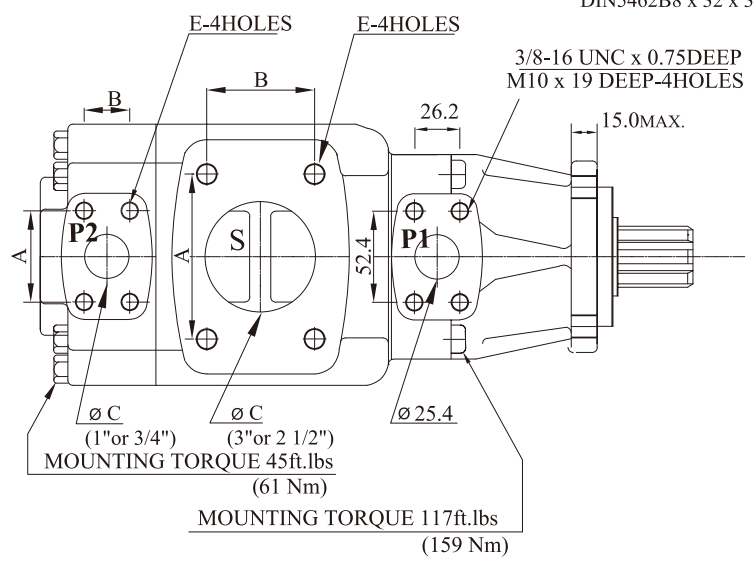
Total leakage is the sum of each section loss at its operating conditions.



Shaft Code-6
DIN5462B8 x 32 x 36

PORT	A	B	C	D	E
S (3")	106.4	61.9	76.2		5/8-11UNC x 1.12 (M16 x 28.4 DEEP)
S (2 1/2")	88.9	50.8	63.5		1/2-13UNC x 0.94 (M12 x 24.0 DEEP)
P2 (3/4")	47.7	22.2	19.0	76.2	3/8-16UNC x 0.75 (M10 x 19.0 DEEP)
P2 (1")	52.4	26.2	25.4	74.7	

Shaft torque limits (mℓ/rev x bar)	
Shaft	Vp x p max.(P1+P2)
6	32670



OPERATING CHARACTERISTICS - TYPICAL (24 cST) (input power p (kw) for one cartridge only)

Pressure Port	Series	Volumetric Displacement Vp cm ³ /rev	Flow q & n =1500 rpm (ℓ/min)			Input power p & n =1500rpm (KW)			P Max Kg/cm ²	Max r.p.m
			P=0 bar	P=140 bar	P=240 bar	P=7 bar	P=140 bar	P=240 bar		
P1 - P2	B05	17.2	25.8	20.3	15.8	1.4	7.5	12.2	275	2800
	B06	21.3	31.9	26.5	22.0	1.5	8.9	14.7		
	B08	26.4	39.6	34.1	29.6	1.6	10.7	17.7		
	B10	34.1	51.1	45.7	41.2	1.7	13.4	22.3		
	B12	37.1	55.6	50.2	45.7	1.7	14.4	24.1		
	B14	46.0	69.0	63.5	59.0	1.9	17.6	29.5		
	B17	58.3	87.4	82.0	77.5	2.1	21.9	36.9		
	B20	63.8	95.7	90.2	85.7	2.2	23.8	40.2		
	B22	70.3	105.4	100.0	95.5	2.3	26.1	44.1		
	B25 1)	79.3	118.9	113.5	109.0	2.5	29.2	49.5	210	2500
B28 1)	88.8	133.2	127.7	124.5 2)	2.8	32.7	48.5 2)			
B31 1)	100.0	150.0	144.5	141.3 2)	2.8	36.5	54.4 2)			

1) B25-B28-B31=2500 rpm. max 2) B28-B31=210 bar max. int. Min Speed : 600 rpm

--Not to use because internal leakage greater than 50% theoretical flow.