

KT6GC - B22 - 6 R 00 - A 1 - 00 *

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series

② Cam ring

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

③ Type of shaft

6-splined (DIN 5462)

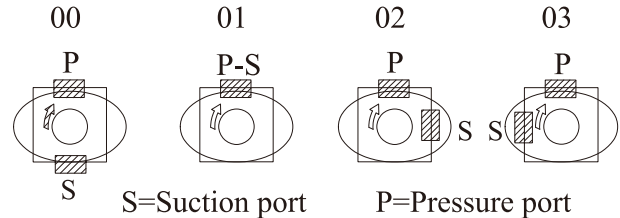
④ Direction of rotation(view on shaft end)

R=clockwise

L=counter-clockwise

⑤ Porting combination

00-standard



⑥ Design letter

⑦ Seal class

1-S1

⑧ Mounting W/connection variables

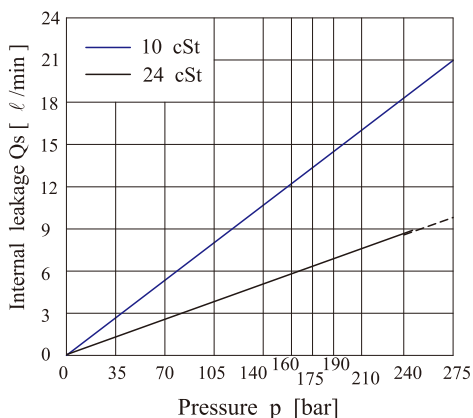
00-Flange 1" BSPP

01-Flange 1" SAE 4 bolts(UNC)

M1-Flange 1" SAE 4 bolts(METRIC)

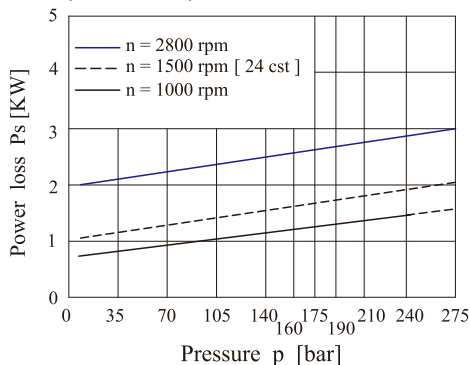
⑨ Modifications

INTERNAL LEAKAGE (TYPICAL)

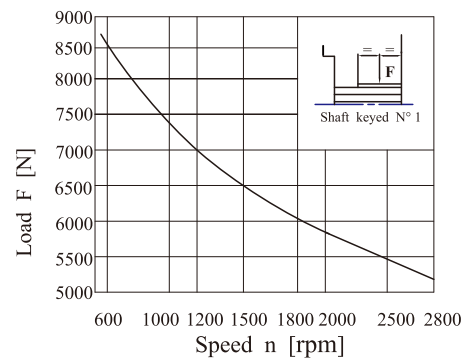


Do not operate pump more than 5 seconds at any speed or viscosity if internal leakage is more than 50 % of theoretical flow.

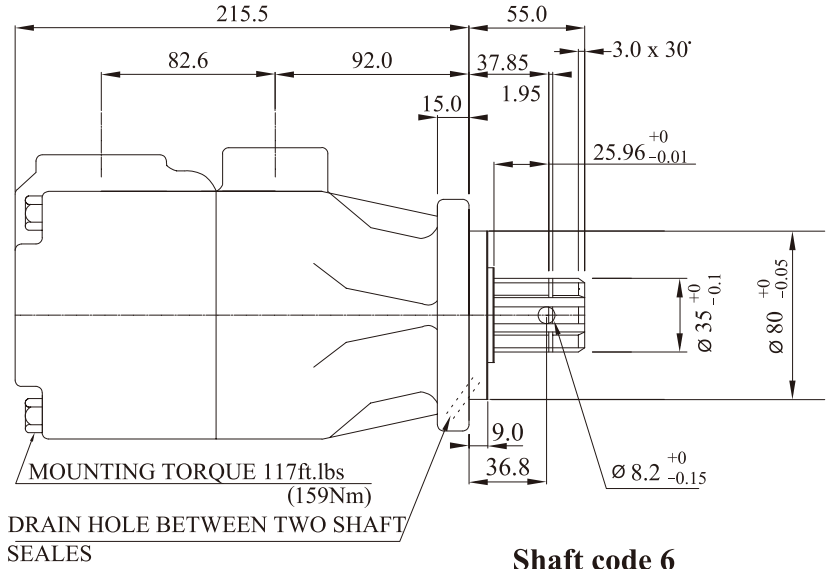
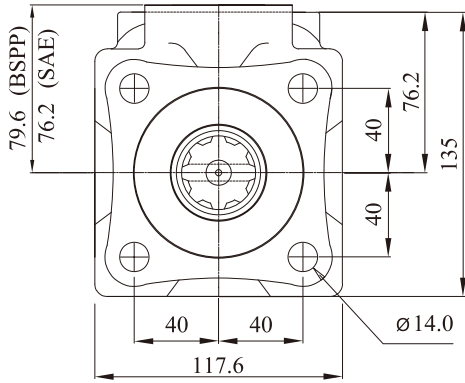
HYDROMECHANICAL POWER LOSS (TYPICAL)



PERMISSIBLE RADIAL LOAD

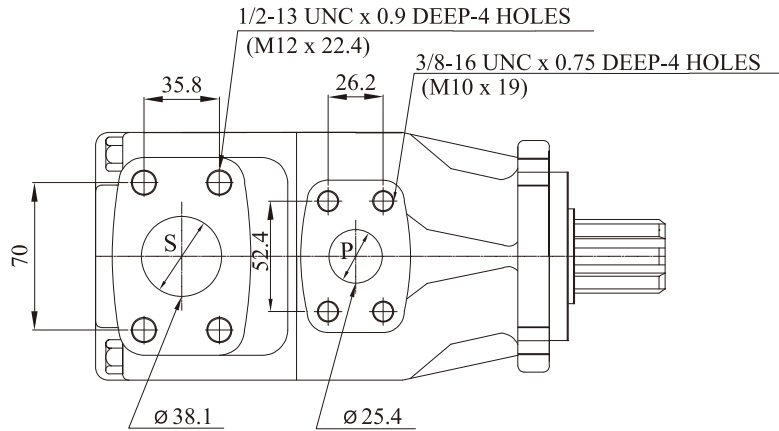
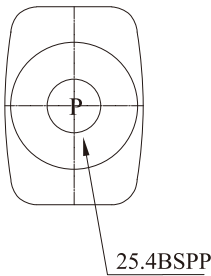


Life time 3000 hours when 70% of the time at 500 N and 30% at max. load



Shaft code 6
(DIN 5462) B8 x 32 x 36

CODE 00



OPERATING CHARACTERISTICS - TYPICAL (24 cST)

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		
KT6GC	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=2500rpmmax.

2) B28-B31=210 bar max. int.

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

Min Speed : 400 rpm