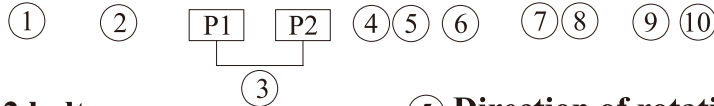


KT67CB **W** - **022** - **B08** - **1** **R** **00** - **A** **1** - **11** *



① Series-SAE B 2 bolts

Mounting flange J744c

② Use for severe duty shaft only

③ Cam ring for " P1 "

Volumetric displacement (cm³/rev)

005=17.2	017=58.3
006=21.3	020=63.8
008=26.4	022=70.3
010=34.1	025=79.3
012=37.1	028=88.8
014=46.0	031=100.0

Cam ring for " P2 "

B02=5.7	B09=28.0
B03=9.8	B10=31.8
B04=12.8	B11=34.9
B05=15.9	B12=40.9
B06=19.8	B14=45.1
B07=22.5	B15=50.0
B08=24.9	

④ Type of shaft

- 1-Keyed(no SAE)
- 3-splined (SAE BB)
- 5-splined(SAE B)

W version

- 2-Keyed(SAE BB)

⑤ Direction of rotation(view on shaft end)

R=clockwise

L=counter-clockwise

⑥ Porting combination

00-standard

⑦ Design letter

⑧ Seal class

1-S1 (for mineral oil)

4-S4 (for fire resistant fluids)

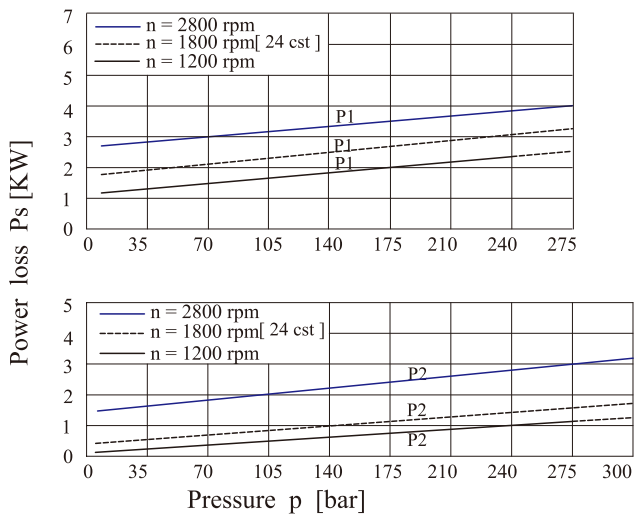
5-S5 (for mineral oil and fire resistant fluids)

⑨ Mounting W/connection variables

P1=1" , P2=3/4" ,S=2 1/2"	
Unc	Metric
11	M1

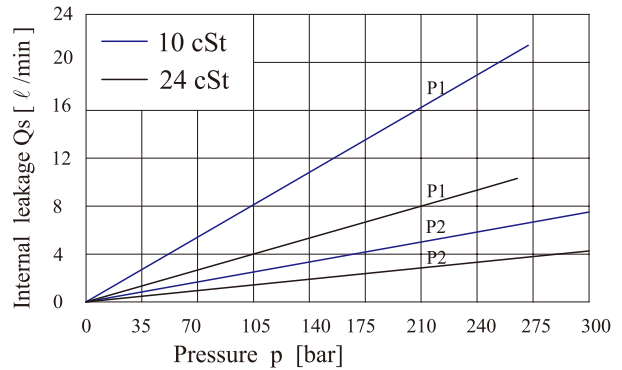
⑩ Modifications

HYDROMECHANICAL POWER LOSS (TYPICAL)

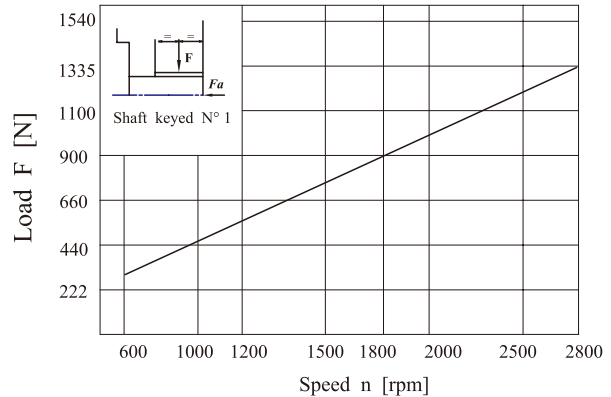


Total hydromechanical power loss is the sum of each section at its operating conditions.

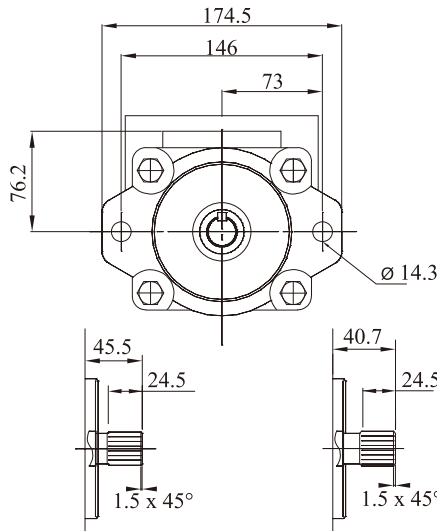
INTERNAL LEAKAGE (TYPICAL)



PERMISSIBLE RADIAL LOAD



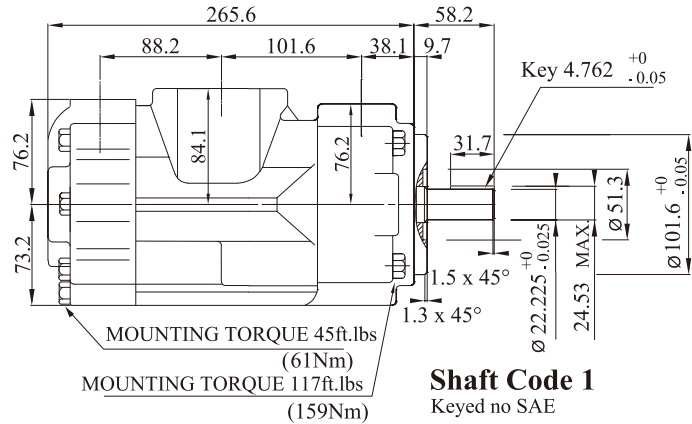
Maximum permissible axial load Fa = 800 N



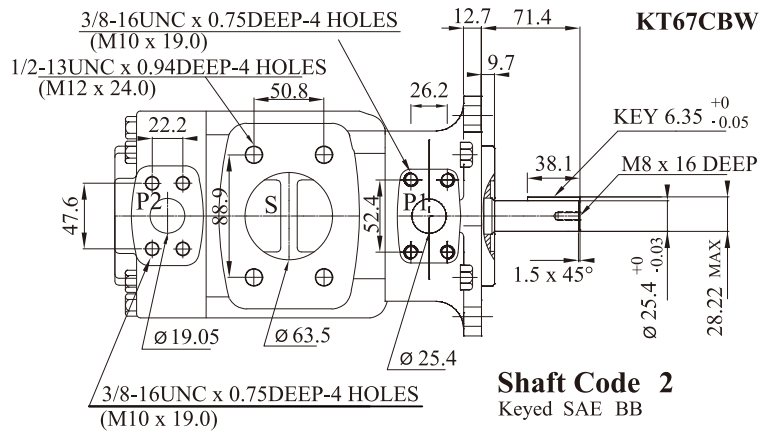
Shaft code 3
SAE BB splined shaft
Class 1-J498 b 16/32dp.
-15 teeth 30° pressure
angle flat root side fit

Shaft code 5
SAE B splined shaft
Class 1-J498 b 16/32dp.
-13 teeth 30° pressure
angle flat root side fit

Shaft torque limits (mℓ/rev x bar)		
Pump	Shaft	Vp x p max.(P1+P2)
KT67CB	1	14300
	2	21420
	3	32670
	5	20600



Shaft Code 1
Keyed no SAE



Shaft Code 2
Keyed SAE BB

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

Pressure Port	Series	Volumetric Displacement Vp	Flow q & n=1800 rpm			Input power p & n=1800rpm			P Max Kg/cm ²	Max r.p.m	
			cm ³ /rev	ℓ/min	ℓ/min	ℓ/min	KW	KW			KW
P1			P=0 bar	P=140 bar	P=275 bar	P=7 bar	P=140 bar	P=275 bar	275	2800	
		005	17.2	30.9	26.0	21.5	1.70	8.94			14.77
		006	21.3	38.3	33.4	28.8	1.78	10.64			17.74
		008	26.4	47.4	42.6	37.9	1.89	12.75			21.43
		010	34.1	61.3	56.4	51.8	2.06	15.94			27.00
		012	37.1	66.7	61.8	57.2	2.11	17.18			29.18
		014	46.0	82.7	77.8	73.2	2.30	20.87			35.62
		017	58.3	104.8	99.9	95.3	2.55	25.95			44.54
		020	63.8	114.7	109.8	105.2	2.66	28.23			48.52
		022	70.3	126.4	121.5	116.9	2.80	30.92			53.22
		025 1)	79.3	142.5	137.6	133.1	2.99	34.64			59.74
	028 1)	88.8	159.6	154.7	152.4 2)	3.18	38.58	57.22 2)	210	2500	
	031 1)	100.0	179.7	174.9	172.5 2)	3.41	43.21	64.17 2)			
P2	Series	cm ³ /rev	P=0 bar	P=140 bar	P=300 bar	P=7 bar	P=140 bar	P=300 bar	300	2800	
	B02	5.7	10.4	8.8	6.8	0.55	2.99	6.40			
	B03	9.8	17.6	15.9	14.0	0.63	4.65	10.25			
	B04	12.8	23.0	21.4	19.4	0.70	5.89	13.13			
	B05	15.9	28.6	26.9	25.0	0.76	7.17	16.12			
	B06	19.8	35.6	33.9	32.0	0.84	8.79	19.88			
	B07	22.5	40.4	38.8	36.8	0.89	9.91	22.47			
	B08	24.9	44.7	43.1	41.1	0.94	10.9	24.78			
	B09	28.0	50.3	48.6	47.0	1.01	12.19	27.77			
	B10	31.8	57.2	55.5	53.5	1.11	13.75	31.42			
	B11	34.9	62.9	61.2	59.3	1.15	15.04	32.22			
	B12	40.9	73.7	72.1	70.1	1.28	17.56	37.71			
	B14	45.1	80.8	79.2	77.0	1.36	19.23	41.37			
	B15	50.0	89.8	88.3	86.5 3)	1.47	21.28	42.76 3)			280

1) 025-028-031=2500 rpm
3) B15=280 bar max. int.

2) 028-031=210 bar max. int.

--Not to use because internal leakage greater than 50% theoretical flow.
Min Speed : 600 rpm