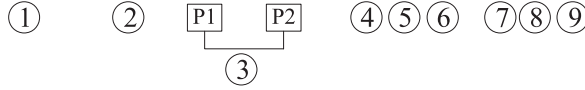


KT6CCZ * - B22 - B08 - X R 00 - A 1 00



- ① **Series - SAE B 2 Bolts**
Mounting flange J744c
- ② **One letter can be added to specify special parts in series**
- ③ **Cam ring for " P1 " & " P2 "**
Volumetric displacement (cm³/rev)

B03 = 10.8	B17 = 58.3
B05 = 17.2	B20 = 63.8
B06 = 21.3	B22 = 70.3
B08 = 26.4	B25 = 79.3
B10 = 34.1	B28 = 88.8
B12 = 37.1	B31 = 100.0
B14 = 46.0	
- ④ **Type of shaft**
 X = keyed
 W = keyed
 V = keyed
 S = Splined (DIN 5462)

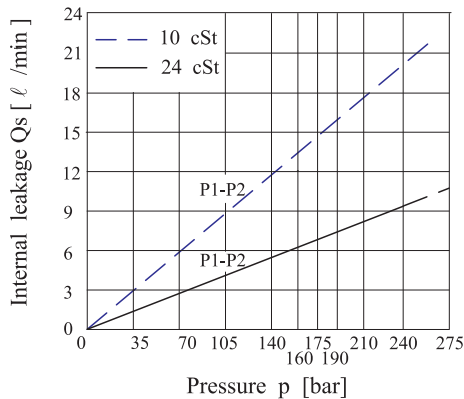
- ⑤ **Direction of rotation**
(view on shaft end)
R = clockwise
L = counter - clockwise
- ⑥ **Porting combination**
00 = standard
- ⑦ **Design letter**
- ⑧ **Seal class**
1 = S1 (for mineral oil)
4 = S4 (for fire resistant fluids)
5 = S5 (for mineral oil and fire resistant fluids)
- ⑨ **Mounting W/connection variables**

P2	P1=1", S=3"		P1=1", S=2 1/2" 2)		
	1"	3/4" 1)	1"	3/4" 1)	
Code	Unc	00	01	10	11
	Metric	0M	W0	1M	W1

1) for 46 ml/rev. max.
2) for 126 ml/rev. max.

The large cartridge must be always mounted in the front.

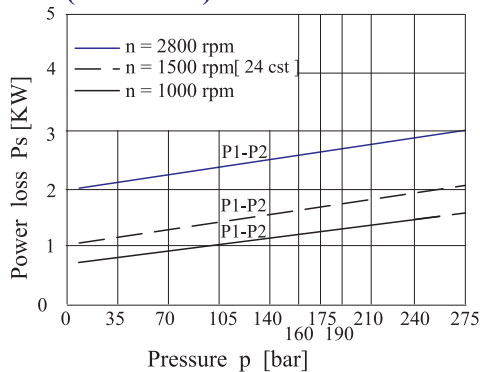
INTERNAL LEAKAGE (TYPICAL)



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

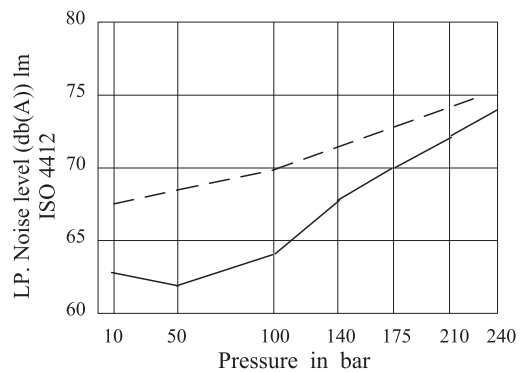
Total leakage is the sum of each section loss at its operating conditions.

HYDROMECHANICAL POWER LOSS (TYPICAL)

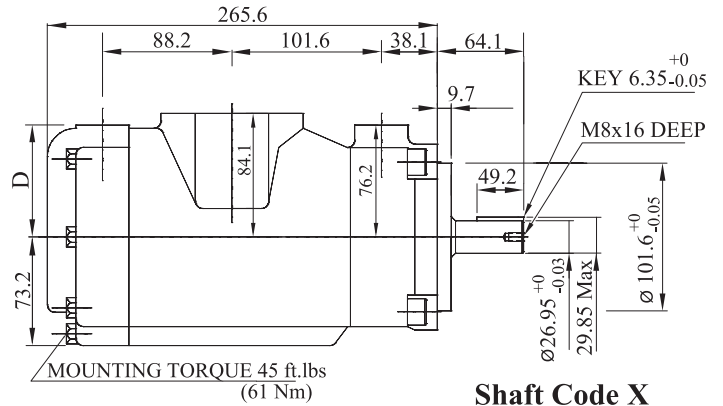
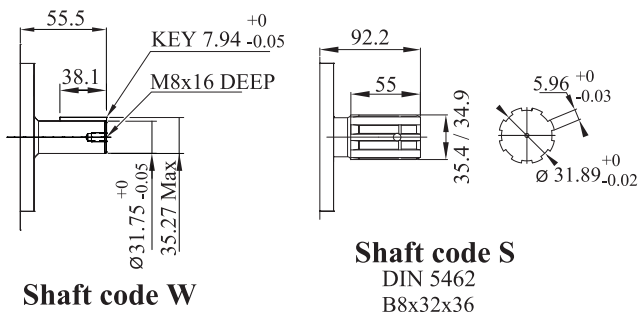
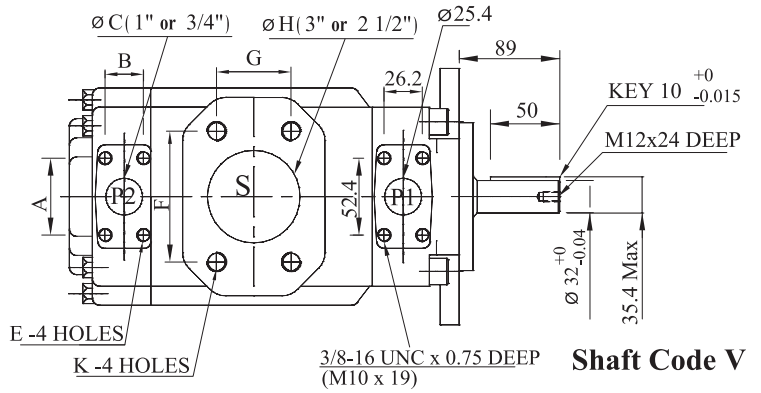
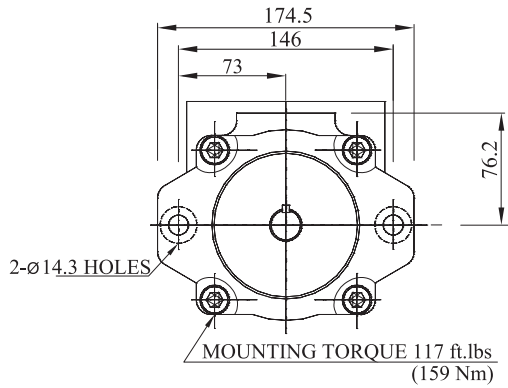


Total hydromechanical power loss is the sum of each section at its operating conditions.

NOISE LEVEL (TYPICAL)



Double pump noise level is given with each section discharging at the pressure noted on the curve.



Alternate Port								
	S = 3"				S = 2 1/2"			
F	106.4				88.9			
G	61.9				50.8			
øH	76.2				63.5			
Code	00	01	0M	W0	10	11	1M	W1
A	52.4	47.6	52.4	47.6	52.4	47.6	52.4	47.6
B	26.2	22.2	26.2	22.2	26.2	22.2	26.2	22.2
øC	25.4	19.0	25.4	19.0	25.4	19.0	25.4	19.0
D	74.7	76.2	74.7	76.2	74.7	76.2	74.7	76.2
E	3/8"-16UNCx19 deep		M10x19 deep		3/8"-16UNCx19 deep		M10x19 deep	
K	5/8"-11UNCx28.4 deep		M16x28.4 deep		1/2"-13UNCx23.9 deep		M12x24.0 deep	

Shaft torque limits (mℓ/rev x bar)		
Pump	Shaft	Vp x p max.P1+P2
KT6CCZ	X	25400
	V	32670
	W	32670

KT6CCZ OPERATING CHARACTERISTICS - TYPICAL [24 cSt] (input power p (kw) for one cartridge only)

Pressure port	Series	Volumetric Displacement Vp	Flow qvc [ℓ/min]1500rpm			Input power P [kW]1500rpm			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	B03	10.8mℓ/rev	16.2	10.7	—	1.3	5.3	—	275	2800
	B05	17.2mℓ/rev	25.8	20.3	15.8	1.4	7.5	12.2		
	B06	21.3mℓ/rev	31.9	26.5	22.0	1.5	8.9	14.7		
	B08	26.4mℓ/rev	39.6	34.1	29.6	1.6	10.7	17.7		
	B10	34.1mℓ/rev	51.1	45.7	41.2	1.7	13.4	22.3		
	B12	37.1mℓ/rev	55.6	50.2	45.7	1.7	14.4	24.1		
	B14	46.0mℓ/rev	69.0	63.5	59.0	1.9	17.6	29.5		
	B17	58.3mℓ/rev	87.4	82.0	77.5	2.1	21.9	36.9		
	B20	63.8mℓ/rev	95.7	90.2	85.7	2.2	23.8	40.2		
	B22	70.3mℓ/rev	105.4	100.0	95.5	2.3	26.1	44.1		
	B25 ₁₎	79.3mℓ/rev	118.9	113.5	109.0	2.5	29.2	49.5	210	2500
	B28 ₁₎	88.8mℓ/rev	133.2	127.7	124.5 ₂₎	2.8	32.7	48.5 ₂₎		
B31 ₁₎	100.0mℓ/rev	150.0	144.5	141.3 ₂₎	2.8	36.5	54.4 ₂₎			

1) 025 - 028 - 031 = 2500 rpm. max

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

Min Speed : 600 rpm