

KT7DD/KT7DDS - B38 - B28 - 1 R 00 - A 1 - 00 - *

①

P1

P2

③

④

⑤

⑥

⑦

⑧

⑨

① **Series**

KT7DD series-ISO 4 bolts 3019-2
Mounting flange 125 B4 HW
KT7DDS series-SAE C 6 bolts
Mounting flange J744

② **Cam ring for " P1 " ~ " P2 "**

Volumetric displacement (cm³/rev)
B14=43.9 B35=113.4
B17=55.0 B38=120.6
B20=66.0 B42=137.5
B24=81.1 045=145.7
B28=89.9 050=157.9
B31=99.1

③ **Type of shaft KT7DDS**

1 = Keyed (SAE C)
2 = Keyed (SAE CC)
3 = Splined (SAE C)
4 = Splined (SAE BB)

Type of shaft KT7DD - KT7DDS

5 = Keyed (ISO 3019-2-G32M)

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 (for mineral oil)
4 = S4 (for the resistant fluids)
5 = S5 (for mineral oil and fire resistant fluids)

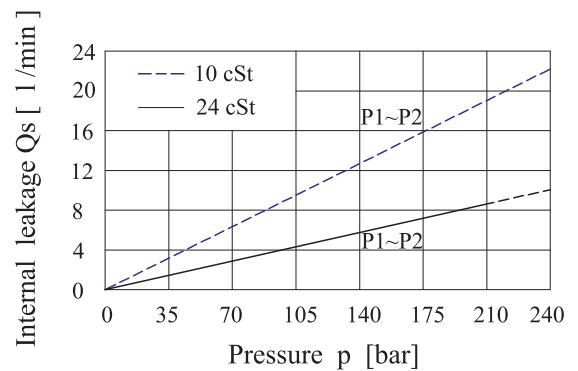
⑧ **Mounting W / connection variables**

	P1=P2=1 $\frac{1}{4}$ "	
	UNC	METRIC
KT7DD		M0
KT7DDS	00	M0

*** No Mark = 00

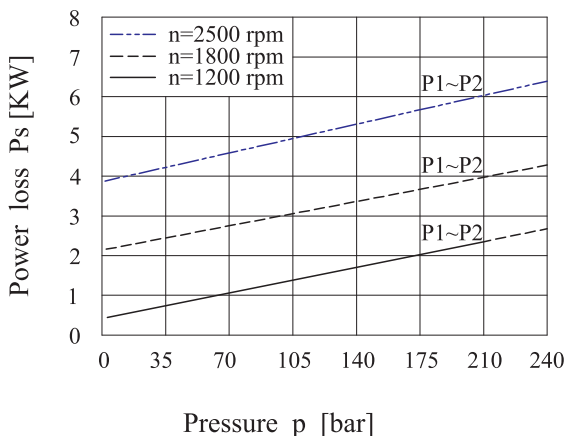
⑨ **Modifications**

INTERNAL LEAKAGE (TYPICAL)



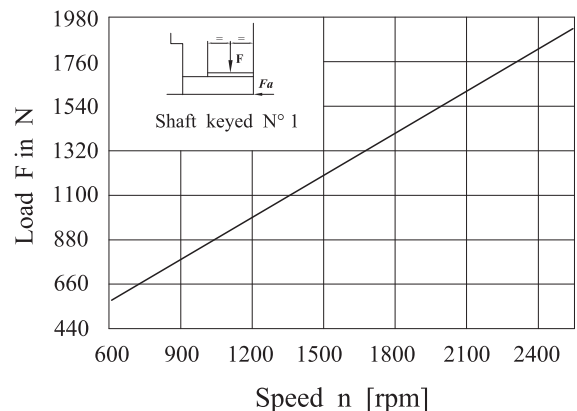
Do not operate pump more than 5 seconds at any speed or viscosity if internal leakage is more than 50 % of theoretical flow.

HYDROMECHANICAL POWER LOSS (TYPICAL)



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

PERMISSIBLE RADIAL LOAD



Maximum permissible axial load Fa = 800 N

