

## VT6GC SERIES SINGLE VANE PUMPS

High performance pumps for mobile applications, specially designed for PTO drives for direct installation, max pressure up to 275 bar.



# HIGH PERFORMANCE VANE PUMP VT6GC



**VT6GC - B22 - 6 R 00 - A 1 - 00 -**

**Series** \_\_\_\_\_

**Cam ring** \_\_\_\_\_

Volumetric displacement  $\text{cm}^3/\text{rev}$  ( $\text{in}^3/\text{rev}$ )

B03 = 10.8 (0.66)	B15 = 50.5 (3.08)
B05 = 17.2 (1.05)	B17 = 58.3 (3.56)
B06 = 21.3 (1.30)	B20 = 63.8 (3.89)
B08 = 26.4 (1.61)	B22 = 70.3 (4.29)
B10 = 34.1 (2.08)	B25 = 79.3 (4.84)
B12 = 37.1 (2.26)	B28 = 88.8 (5.42)
B14 = 46.0 (2.81)	B31 = 100.0 (6.10)

**Type of shaft** \_\_\_\_\_

6 - splined (DIN 5462)

**00**

**S** - Suction port **P** - Pressure port

**01**

**02**

**03**

**Modifications**

**Mounting W/connection variables**

00 - Flange 1" BSPP  
01 - Flange 1" SAE 4 bolts (UNC)  
M1 - Flange 1" SAE 4 bolts (METRIC)

**Seal class**

1 - S1

**Design letter**

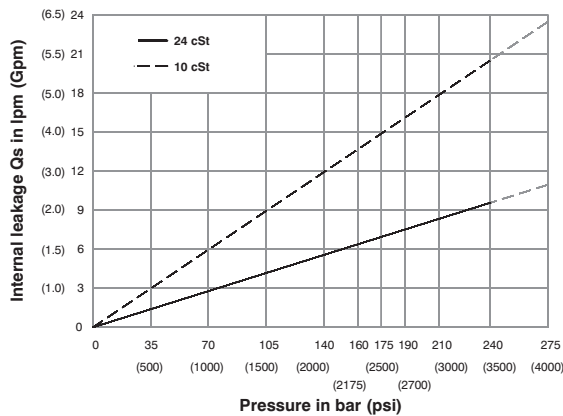
**Porting combination**

00 - standard

**Direction of rotation (view on shaft end)**

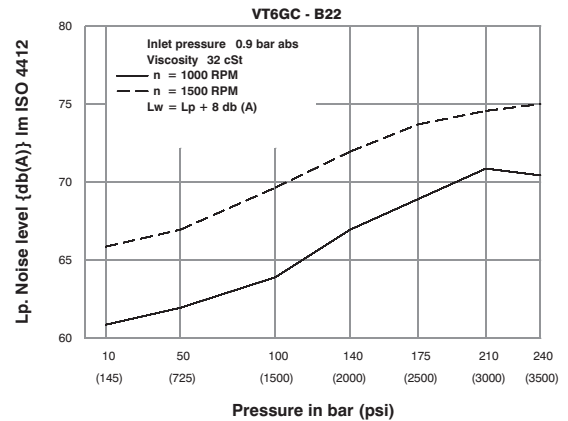
R - clockwise  
L - counter-clockwise

**INTERNAL LEAKAGE (TYPICAL)**

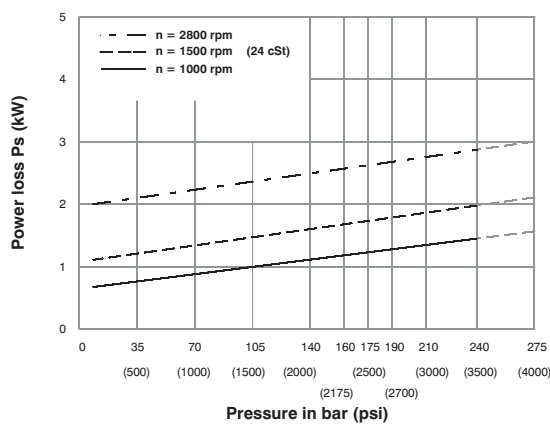


Do not operate pump more than 5 seconds at any speed or viscosity if internal leakage is more than 50% of theoretical flow.

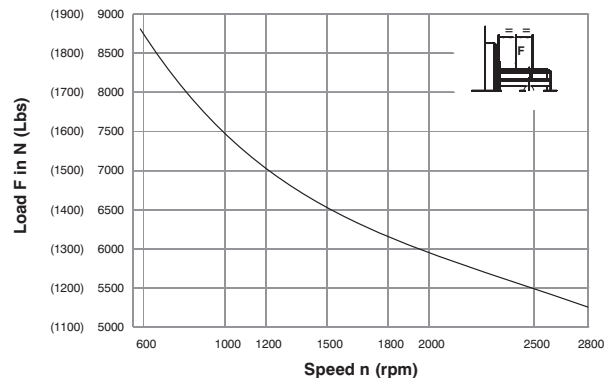
**NOISE LEVEL (TYPICAL)**



**HYDROMECHANICAL POWER LOSS (TYPICAL)**



**PERMISSIBLE RADIAL LOAD**



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

