

VT7EE or VT7EES - 066 - 045 - 1 R 00 - A 1 0 - 00 *

Series

VT7EE series- 250 B4HW
ISO 3019-2 mounting flange

VT7EES series- SAE E 4 bolts
Mounting flange J744c

Cam ring for "P1" & "P2"

Volumetric displacement cm³/rev (in³/rev)

042 = 132.2 (8.07)	057 = 183.2 (11.18)
045 = 142.5 (8.70)	062 = 196.6 (12.0)
050 = 158.5 (9.67)	066 = 213.0 (13.0)
052 = 163.8 (10.0)	072 = 227.1 (13.86)
054 = 170.9 (10.43)	085 = 268.7 (16.40)

Type of shaft VT7EE

2 - keyed G45N(ISO/R775 -G38M)

Type of shaft VT7EES

- 1 - keyed (SAE CC)
- 3 - splined (SAE CC)
- 4 - splined (SAE D & E)
- 5 - splined (SAE D & E)

Modifications

Mounting W/connection variables

P1 & P2= 11"		S=4"
	VT7EES	VT7EE-VT7EES
Type	UNC	METRIC
code	00	M0

Coupling adaptor

- 0 - none
- 2 - SAE B
- 3 - SAE BB

Seal class

- 1 - S1 (for mineral oil)
- 4 - S4 (for fire resistant fluids)
- 5 - S5 (for mineral oil and fire resistant fluids)

Design letter

Porting combination (see page BM-1-5)

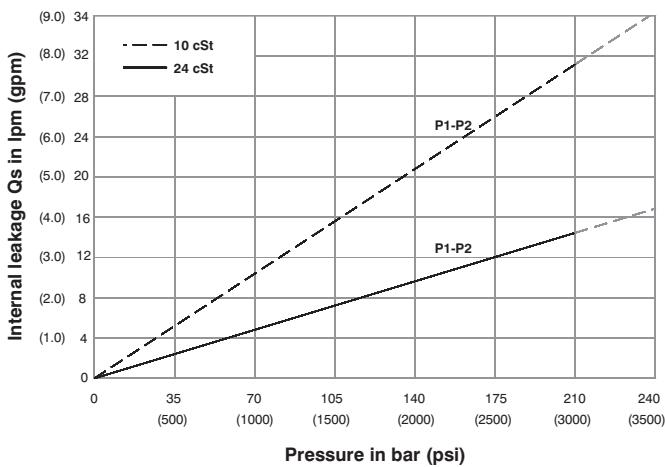
00 - standard

Direction of rotation

(view on shaft end)

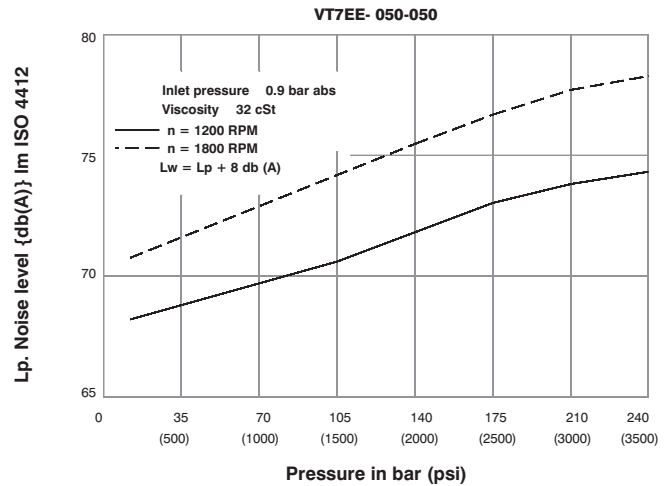
- R - clockwise
- L - counter-clockwise

INTERNAL LEAKAGE (TYPICAL)



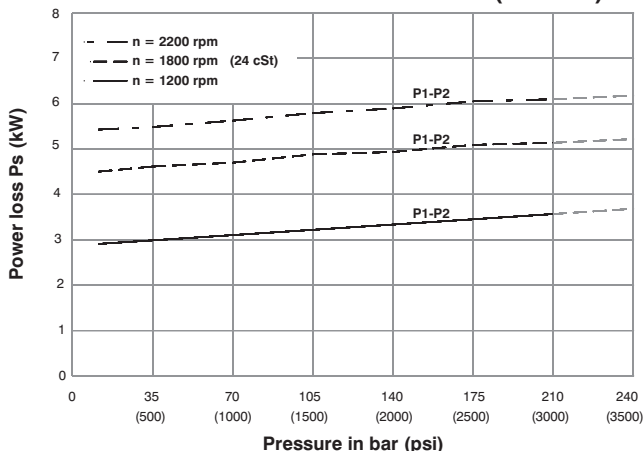
Do not operate pump more than 5 seconds at any speed or viscosity if internal leakage is more than 50% of theoretical flow.
Total leakage is the sum of each section loss at its operating conditions.

NOISE LEVEL (TYPICAL)



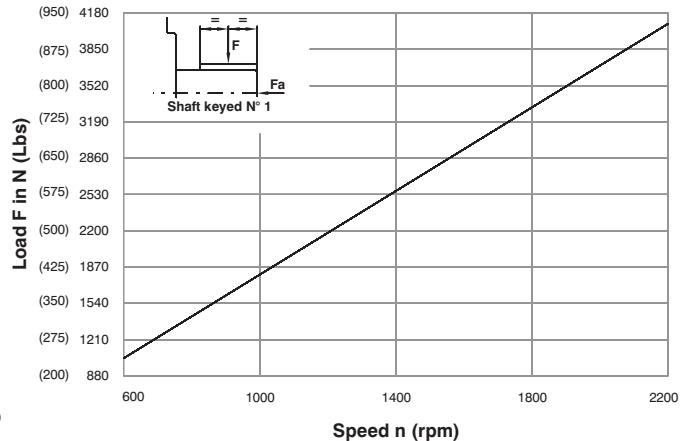
Double pump noise level is given with each section discharging at the pressure noted on the curve.

HYDROMECHANICAL POWER LOSS (TYPICAL)



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

PERMISSIBLE RADIAL LOAD



Maximum axial load permissible Fa = 2000 N (449 Lbs)



