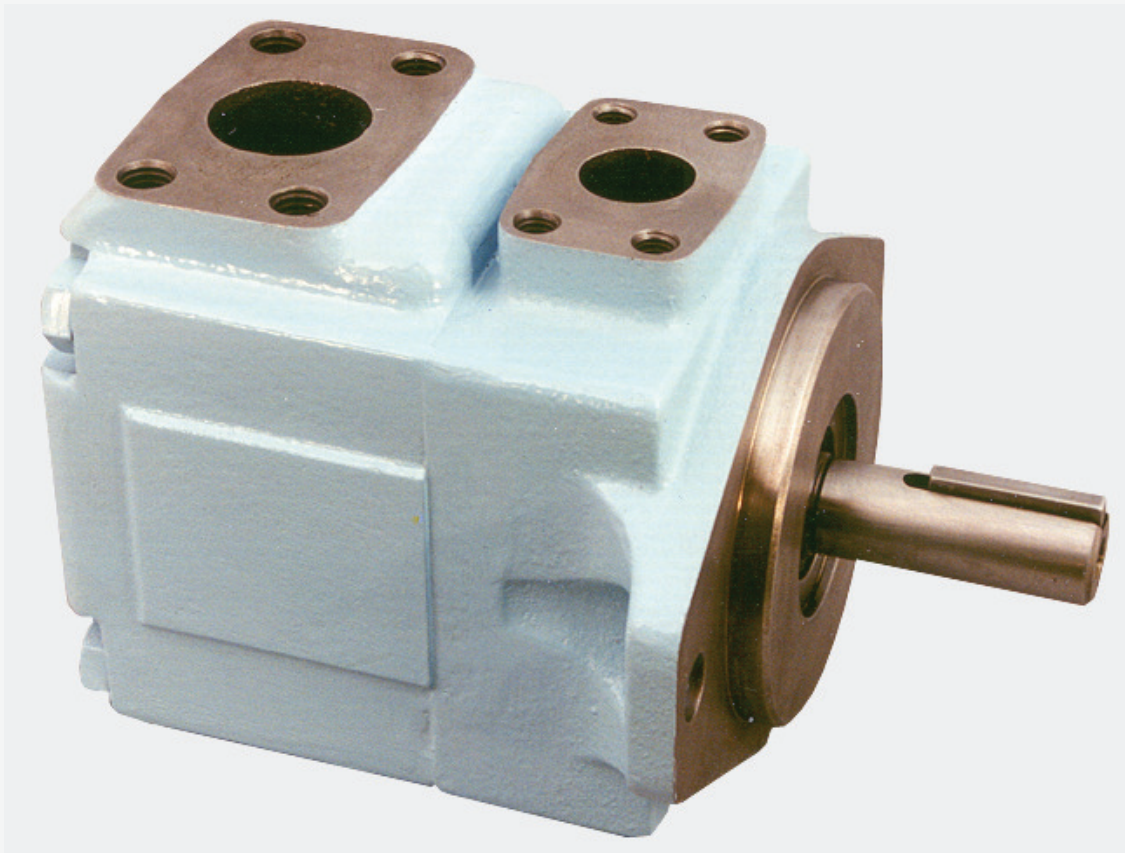


DENISON HYDRAULICS

T6 industrial application

vane pumps - single, double, triple



Publ. 1 - EN0700 - B

10 / 2000 / FB

Replaces : 1 - EN0700 - A

L13 - 10700 - 2

DENISON Hydraulics

Model No.

T6DC W - 038 - 022 - 1 R 00 - B 1

Series

Severe duty shaft

Cam ring for "P1"

(Delivery at 0 bar & 1500 r.p.m.)

014 = 71,4 l/min	035 = 166,5 l/min
017 = 87,3 l/min	038 = 180,4 l/min
020 = 99,0 l/min	042 = 204,0 l/min
024 = 119,3 l/min	045 = 218,5 l/min
028 = 134,5 l/min	050 = 237,0 l/min
031 = 147,4 l/min	

Cam ring for "P2"

(Delivery at 0 bar & 1500 r.p.m.)

003 = 16,2 l/min	017 = 87,4 l/min
005 = 25,8 l/min	020 = 95,7 l/min
006 = 31,9 l/min	022 = 105,4 l/min
008 = 39,6 l/min	025 = 118,9 l/min
010 = 51,1 l/min	028 = 133,2 l/min
012 = 55,6 l/min	031 = 150,0 l/min
014 = 69,0 l/min	

Modification

Seal class

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

Design letter

Porting combination (see page 30)

00 = standard

Direct. of rotation (view on shaft end)

- R = clockwise
- L = counter-clockwise

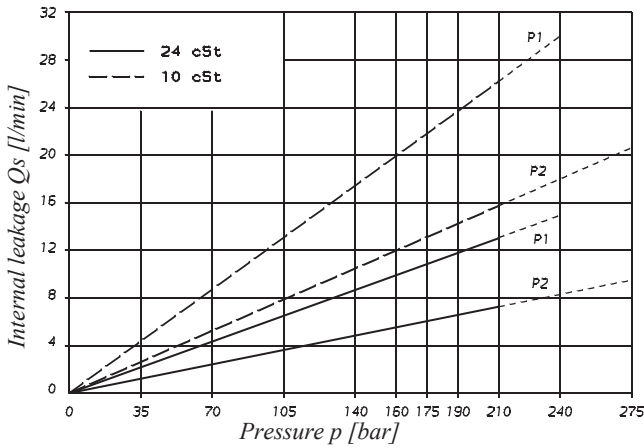
Severe duty shaft (T6DCW only)

5 = keyed (no SAE)

Type of shaft

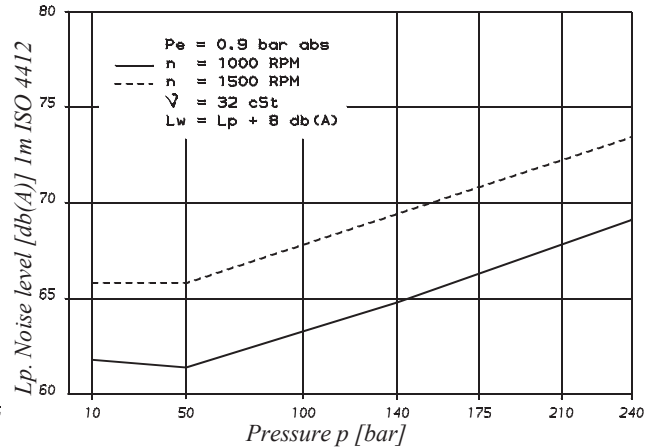
- 1 = keyed (SAE C)
- 2 = keyed (no SAE)
- 3 = splined (SAE C)
- 4 = splined (no SAE)

INTERNAL LEAKAGE (TYPICAL)



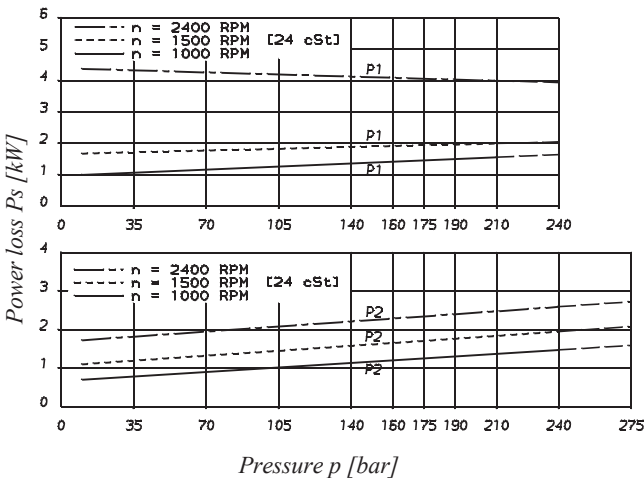
Do not operate the pump more than 5 seconds at any speed or viscosity, if internal leakage is more than 50% of theoretical flow. Total leakage is the sum of each section loss at its operating conditions.

NOISE LEVEL (TYPICAL)
T6DC - 038 - 022



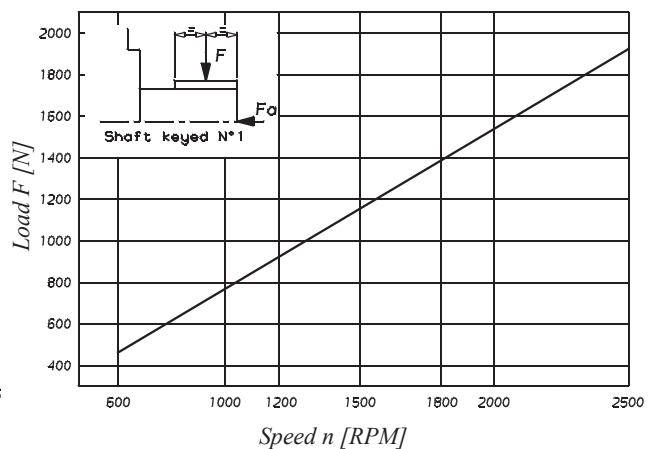
Double pump noise level is given with each section discharging at the pressure noted on the curve.

POWER LOSS HYDROMECHANICAL (TYPICAL)



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

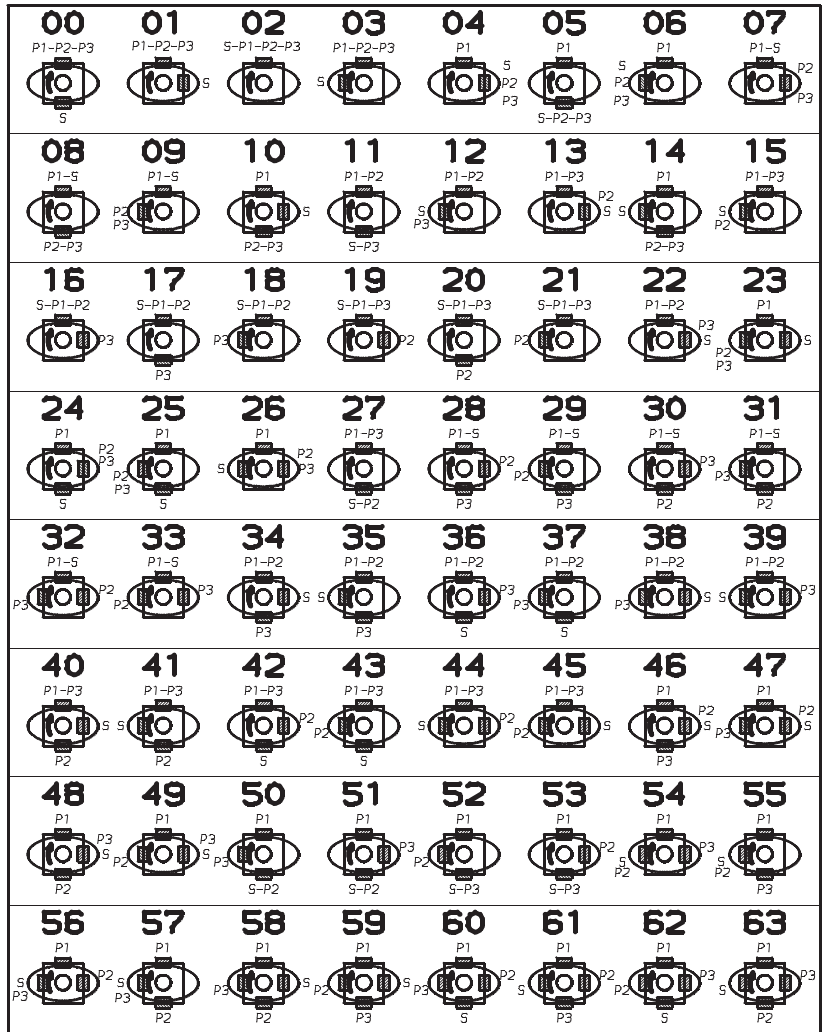
PERMISSIBLE RADIAL LOAD



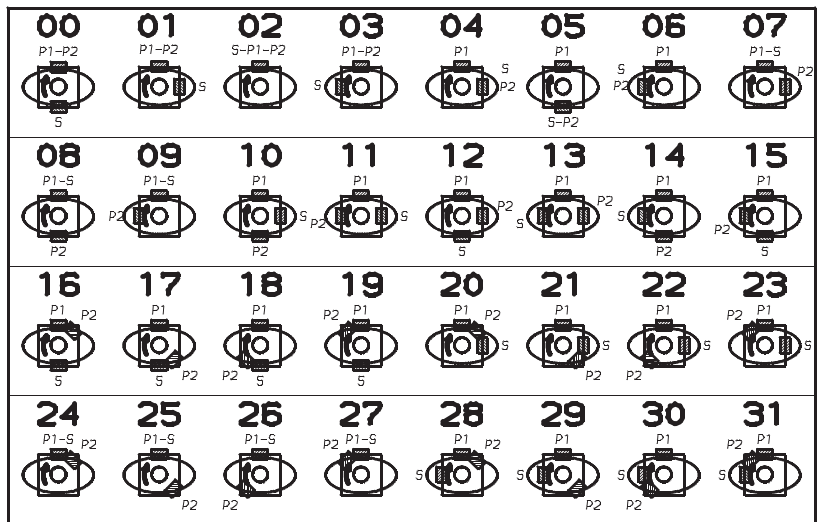
Maximum permissible axial load Fa = 1200 N

PORTING DIAGRAMS - T6 SERIES INDUSTRIAL APPLICATION

T6DCC - T6EDC



T6CC - T6DC - T6EC



T6ED

