



DTA

Damen Technical Agencies



Industrial Hydraulic Pumps T6EE, T6EES

Denison Vane Technology, fixed displacement

Hydraulic Pumps

- Hydraulic Motors
- Hydraulic Valves
- Hydraulic Cylinders
- Hydraulic Filtration
- Hydraulic Accumulators



ENGINEERING YOUR SUCCESS.

We are doing our parts to keep you moving!

DTA your 1 Stop Shop for Hydraulics, Pneumatics and Power Transmissions.

DECLARATION OF CONFORMITY

DTA Hydraulics is a tradename of Damen Technical Agencies BV, supplying hydraulic parts to various industries since 1990. As a Certified Distributor Hydraulics by Parker Hannifin and Authorized Denison Vane Pump Assembler, we guarantee the use of original parts and components. As such we provide you with vane pumps of the same level of quality and warranty conditions as the factory does.

We highly recommend to **use genuine Denison Hydraulics spare parts only** in order to ensure smooth operation and longer service life. Spare parts that we have on stock include pump cartridge kits, shaft and bearing assemblies, seal kits and non-wearing parts of both the T6 and T7 series vane pumps.



**ALL VANE PUMPS SUPPLIED OR REPAIRED BY
DTA HYDRAULICS HAVE BEEN ASSEMBLED ACCORDING
TO THE LATEST FACTORY SPECIFICATIONS WITH
BRAND NEW AND GENUINE DENISON HYDRAULICS PARTS**

We are able to provide you a large variety of options of the original Parker Denison single, double, and triple vane pumps. We can build any customized vane pump from our stock of genuine parts. You can now easily configure that vane pump yourself with the Denison Hydraulics Vane Pump Configurator.

vanepump.eu/vanepumps

Use advanced search to filter results based on configurable options and select any of the 25,000 vane pumps that are listed in our online catalogue. Most of the models are available from stock and ready for shipment to any place in the world instantly. We can supply **Any part, Anytime, Anywhere!**



ORDERING CODE - T6EE - T6EES SERIES

Model No.

T6EE or T6EES - 066 - 045 - 1 R 00 - A 1 0 - 00 - ..

T6EE series - 250 B4HW
ISO 3019-2 mounting flange
T6EES series - SAE E 4 bolts
Mounting flange J744c

Displacement P1 and P2

042 = 132,3 ml/rev
045 = 142,4 ml/rev
050 = 158,5 ml/rev
052 = 164,8 ml/rev
062 = 196,7 ml/rev
066 = 213,3 ml/rev
072 = 227,1 ml/rev
085 = 268,0 ml/rev

Type of shaft T6EE

2 = keyed G45N (ISO 3019-2)

Type of shaft T6EES

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

Modifications

Mounting w/connection variables

	P1 & P2 = 1 ^{3/2} - S = 4 ^{3/2}	
	UNC	Metric
T6EE		M0
T6EES	00	M0

Coupling adaptor

0 = none
2 = SAE B
3 = SAE BB

Seal class

1 = S1 - BUNA N
4 = S4 - EPDM
5 = S5 - VITON

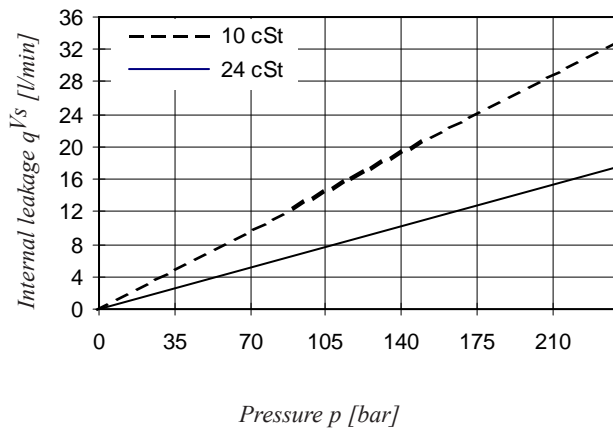
Design letter

00 = standard

Direction of rotation (view on shaft end)

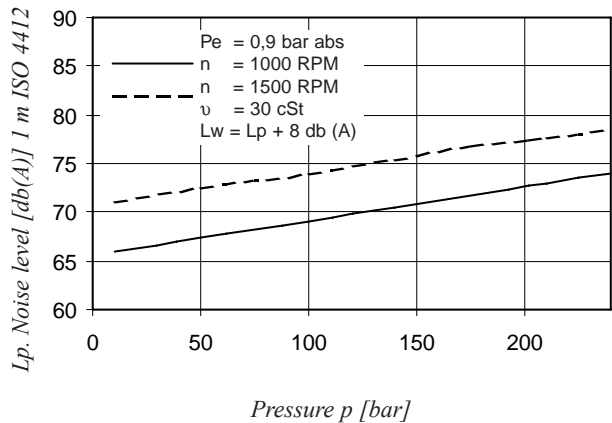
R = Clockwise
L = Counter-clockwise

INTERNAL LEAKAGE (TYPICAL)



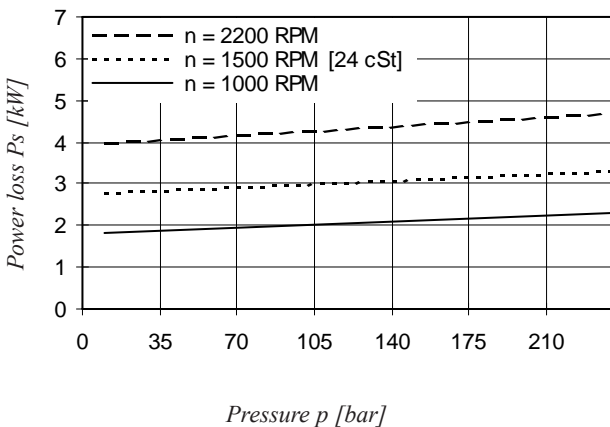
Do not operate pump more than 5 seconds at any speed or viscosity if internal leakage is higher than 50% of theoretical flow. Total leakage is the sum of each section loss at its operating conditions.

NOISE LEVEL (TYPICAL) T6EE 050 - 050



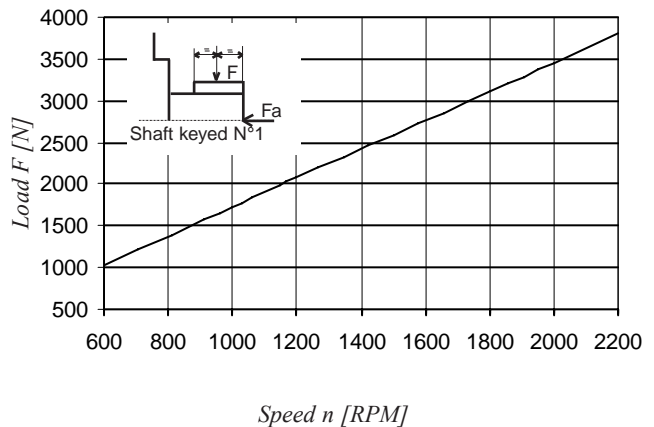
Double pump noise level is given with each section discharging at the pressure noted on the curve.

POWER LOSS HYDROMECHANICAL (TYPICAL)



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

PERMISSIBLE RADIAL LOAD



Maximum permissible axial load $F_a = 2000\text{ N}$

ANY PART ANY TIME ANY WHERE

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