ORDERING CODE - T6CC SERIES

Model No. T6CC W - 022 - 008 - 1 R 00 - C 1 00 -

Series SAE B 2 bolts
Mounting flange J744

Severe duty shaft

Displacement P1 and P2
Volumetric displacement (in³/rev)
003 = .066
007 = 1.30
008 = 1.61
010 = 2.08
012 = 2.26
014 = 2.81

Type of shaft
1 = keyed (non SAE) 2 = keyed (SAE BB)
3 = splined (SAE BB)
5 = splined (SAE B)

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.

HYDROMECHANICAL POWER LOSS (TYPICAL)

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

NOISE LEVEL (TYPICAL)

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

PERMISSIBLE RADIAL LOAD

Maximum permissible axial load Fa = 180 Lbs

Parker Hannifin
Denison Vane Pump Division
Vierzon - France
DIMENSIONS & OPERATING CHARACTERISTICS - Weight : 57.3 LBS - T6CC SERIES

Shaft Code 1
(Keyed no SAE)

Shaft Code 2
(Keyed SAE B-B)

Operating Characteristics - Typical [115 SUS]

<table>
<thead>
<tr>
<th>Pressure Port</th>
<th>Series</th>
<th>Volumetric Displacement Vi</th>
<th>Flow qVe [GPM] &amp; n = 1800 RPM</th>
<th>Input power P [HP] &amp; n = 1800 RPM</th>
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<tbody>
<tr>
<td></td>
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<td>P = 0 PSI</td>
<td>p = 100 PSI</td>
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<td>p = 2000 PSI</td>
<td>p = 3500 PSI</td>
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<td>p = 3500 PSI</td>
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<tr>
<td>P1 &amp; P2</td>
<td>003</td>
<td>.66 in³/rev</td>
<td>5.14</td>
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<td>005</td>
<td>1.05 in³/rev</td>
<td>8.18</td>
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<td>006</td>
<td>1.30 in³/rev</td>
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<tr>
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<td>008</td>
<td>1.61 in³/rev</td>
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<td>031</td>
<td>6.10 in³/rev</td>
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<td>46.27</td>
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</tbody>
</table>

Shaft Code 3
(15 teeth - 30° Pressure Angle)

Shaft Code 5
(13 teeth - 30° Pressure Angle)

Alternate ports

Shaft Code 3
SAE BB Involute Spline Data
Class 1 - Flat Root Side Fit
4M8B - Pitch 16/32

Shaft Code 5
SAE B Involute Spline Data
Class 1 - Flat Root Side Fit
4M6B - Pitch 16/32

Shaft torque limits [in³/rev. x PSI]

- Shaft Vi x P max.
- Code 001
- Code 014
- Code 028 - 031 = 3000 PSI max. int.