**Multi-Torque Vane Motors**

**MHT Series**

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**CAUTION**

When assembling cartridge insert vanes in rotor slots at the minor diameter of cam ring. Rotate cartridge one complete revolution by hand prior to assembly with bodies to prevent misalignment of springs and guides.

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**Model | Shaft | Bearing | Snap Ring | Key | Plug | Ring**

| MHT-45/25/20-N1-30-S19 | 408898 | 379974 | (2) 380104 | 69588 | 7074 |
| MHT-45/25/20-N1-30-S19 | 408898 | 379974 | (2) 380104 | 69588 | 7074 |

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**CAUTION**

Assemble Ring with .25 diameter drill point toward double ported body.

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**Note**

Pack Bearings and Shaft Spline Cavity with fibrous type wheel bearing grease. Assemble Bearings with shield on outside.

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**CAUTION**

Shaft must have Slip Fit into Rotor Spline with minimum backlash. Do not force at assembly.

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**Vickers®**

Vane Motors

**Service Parts Information**

**F3 Equivalent Seal Kit 919785**

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**Revised 9/1/78**

I-3724-S
## Model Code

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>1</td>
<td>High Torque Low Speed Vane Motor</td>
<td>MHT</td>
</tr>
<tr>
<td>2</td>
<td>Combinations of Theoretical Torque in lb. ft. per 100 psi Differential Pressure</td>
<td>45/25/20</td>
</tr>
<tr>
<td>3</td>
<td>Shaft</td>
<td>*</td>
</tr>
<tr>
<td>4</td>
<td>Keyed Shaft</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Design</td>
<td>30</td>
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<tr>
<td>6</td>
<td>Denotes Special</td>
<td>S19</td>
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</table>

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 20/18/15 or cleaner. Selections from Eaton OFP, OFR, and OFRS series are recommended.