

## Vane Motors

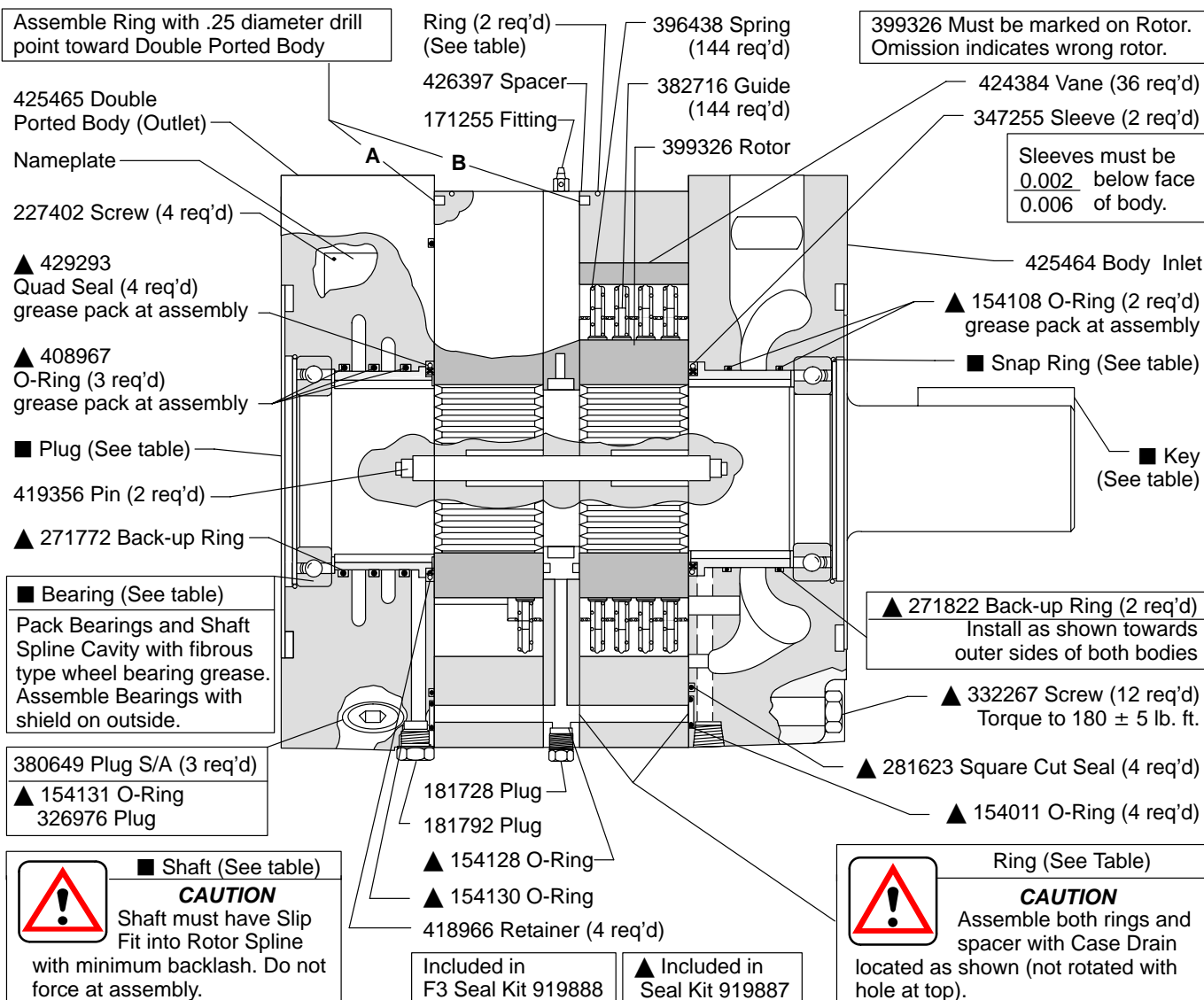


## Multi-Torque Vane Motors

## MHT 380 thru 460 Series

Model	Shaft	Snap Ring (2 req'd)	Key	Bearing (2 req'd)	Plug	Ring "A"	Ring "B"
MHT-380/190/190-*1-30-S20	377512	354386	332265	310539	7074	364468	364468
MHT-440/250/190-*1-30-S20						375223	375223
MHT-410/220/190-N1-30-S20	—	—	—	—	—	375223	364468
MHT-460/250/210-N1-30-S20						405171	405171

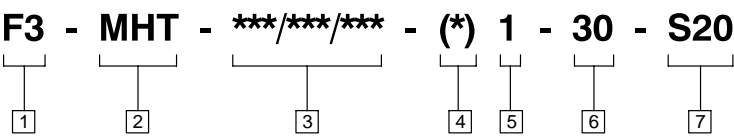
■ Omit on  
N1 Models



**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. Make sure the marked rotor tooth of each cartridge is in line before installation of shaft.

**WARNING**  
Wear safety glasses to prevent eye injury.

# Model Code



<div>1 Seal Material</div> <div>F3 - Special seals for synthetic fire resistant fluids (omit for petroleum, oil, and water glycol fluids)</div>	<div>4 Shaft</div> <div>N - No shaft R - Standard solid shaft</div>	<div>6 Design</div> <div>7 Special Feature</div>
<div>2 Model Series</div> <div>MHT - Vane motor, high torque, low speed</div>	<div>5 Keyed Shaft</div> <div>When provided</div>	
<div>3 Theoretical Torque</div> <div>Combinations of theoretical torque in lbs. ft. per 100 p.s.i. Differential pressure 380/190/190 410/220/190 440/250/190 460/250/210</div>		

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.