

# Vane Motors

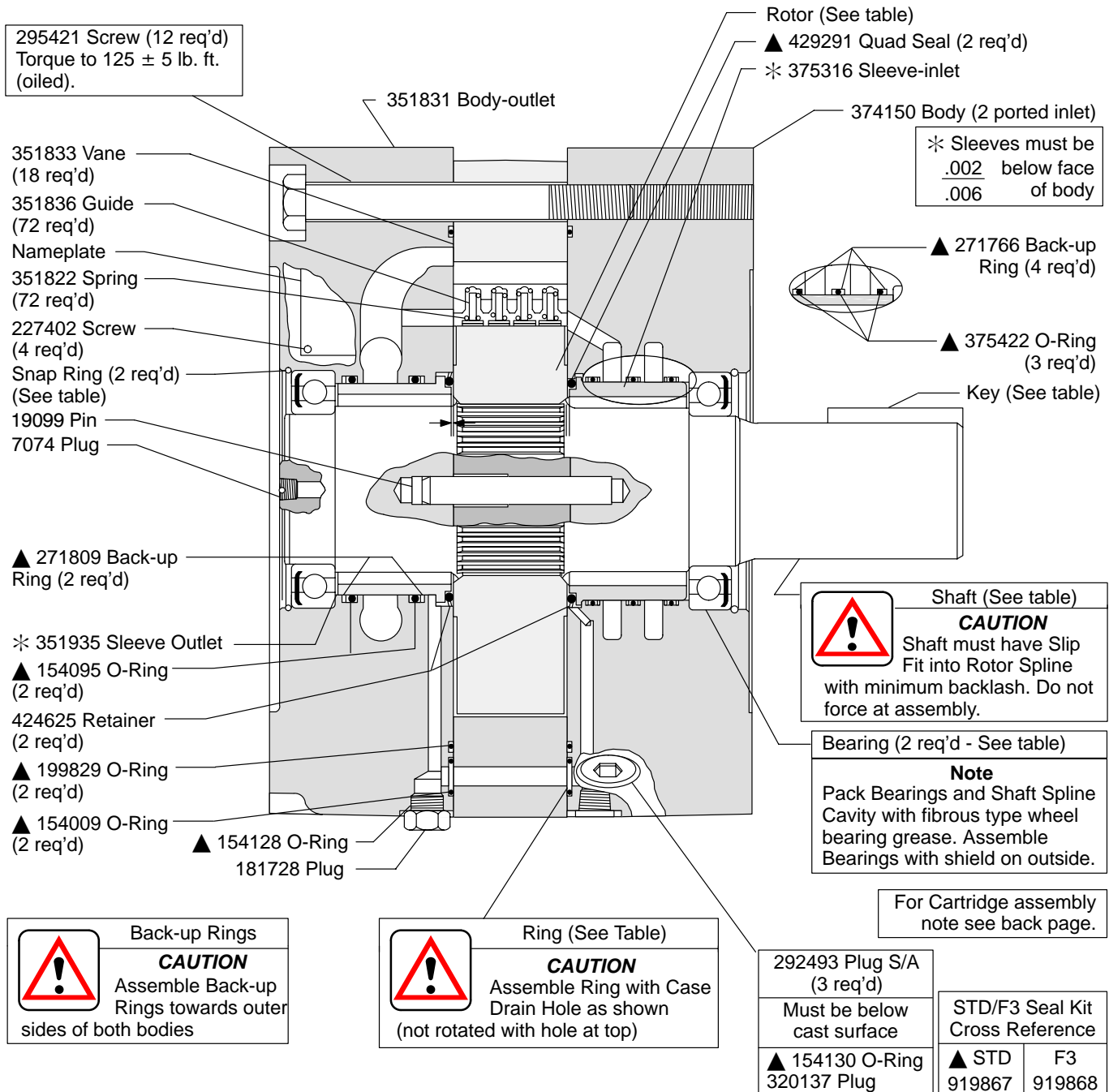


Service Parts Information

## Split Rise Vane Motors

### MHT-70/90 Series

Model	Bearing	Snap Ring	Shaft	Key	Ring	Rotor
MHT-70/35/35-N1-12	—	—	—	—	351830	390707
MHT-70/35/35-R1-12	353173	351823	351834	69588		
MHT-90/45/45-N1-12	—	—	—	—	356171	351828
MHT-90/45/45-R1-12	353173	351823	351834	69588		



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## Model Code

**MHT \*0/\*5/\*5 - \*1 - 12**

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1 **High Torque Low Speed  
Vane Motor**

2 **70/35/35 - 90/45/45**

Combinations of theoretical output  
torque - lbs. ft. /100 p.s.i.

3 **Shaft**

**N1** - No shaft

**R1** - Standard solid shaft

4 **Design**



**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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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.