

Vane Motors

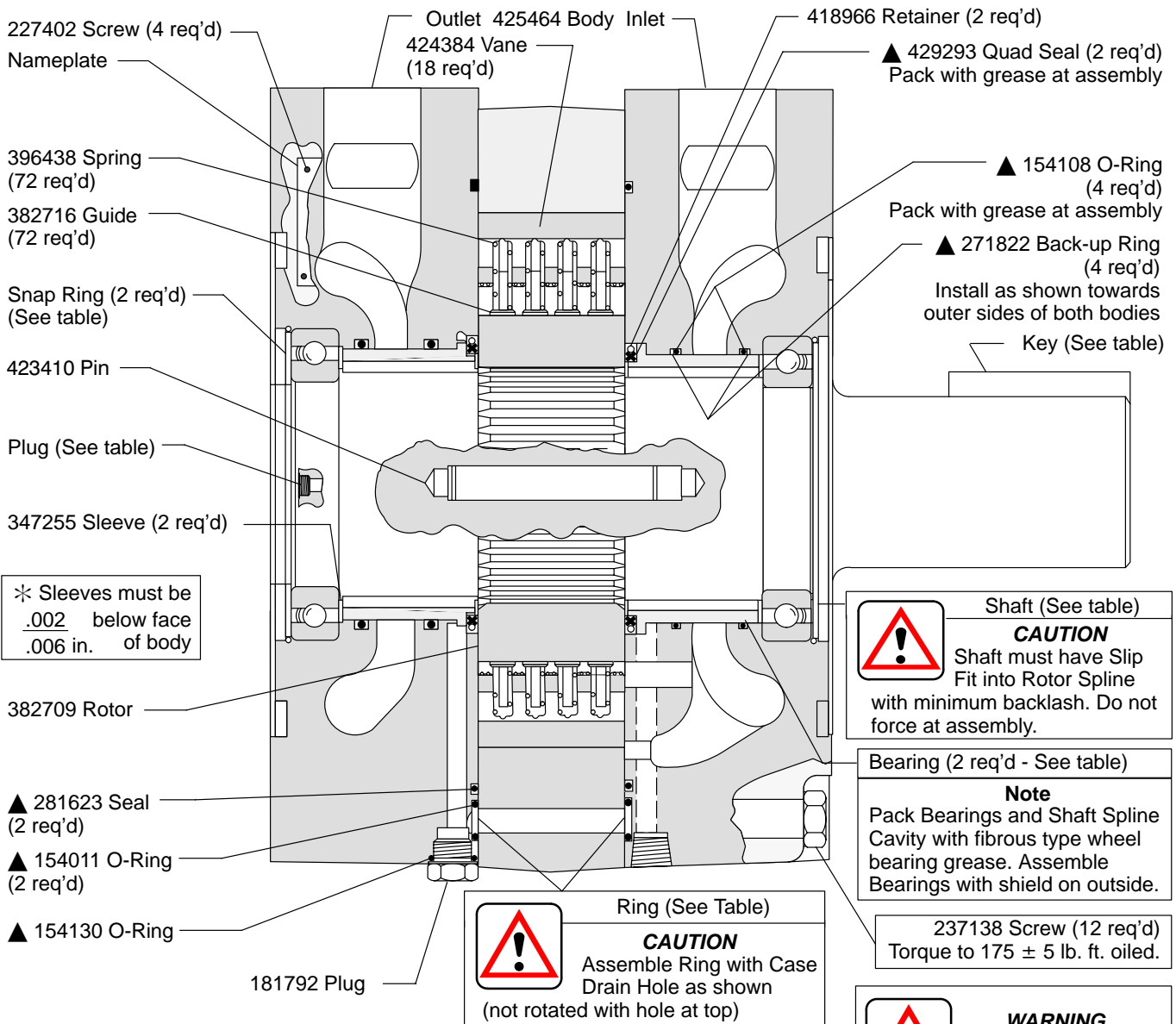


Multi-Torque Vane Motors

MHT-190 and 220 Series

Model	Shaft	Snap Ring	Key	Bearing	Plug	Ring
MHT-190/N1-30-S20	—	—	—	—	—	364468
MHT-190/R1-30-S20	345769	354386	306439	310539	7074	
MHT-220/N1-30-S20	—	—	—	—	—	375223
MHT-220/R1-30-S20	345769	354386	306439	310539	7074	

STD/F3 Seal Kit Cross Reference	
▲ STD	F3
919873	919874



* Sleeves must be .002 below face .006 in. of body

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.

WARNING
Wear safety glasses to prevent eye injury.

Model Code

F3 - MHT - **0 - *1 - 30 - S20

1 2 3 4 5 6

1 Seal Material

F3 - Seals for mineral oil and fire resistant fluids

2 Model Series

MHT - Vane motor, high torque, low speed

3 Theoretical Torque

Combinations of theoretical output torque in lbs. ft. per 100 p.s.i. differential pressure

190
220

4 Shaft

N1 - No shaft
R1 - Standard solid shaft

5 Design

6 Special Feature

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.