

Vane Motors



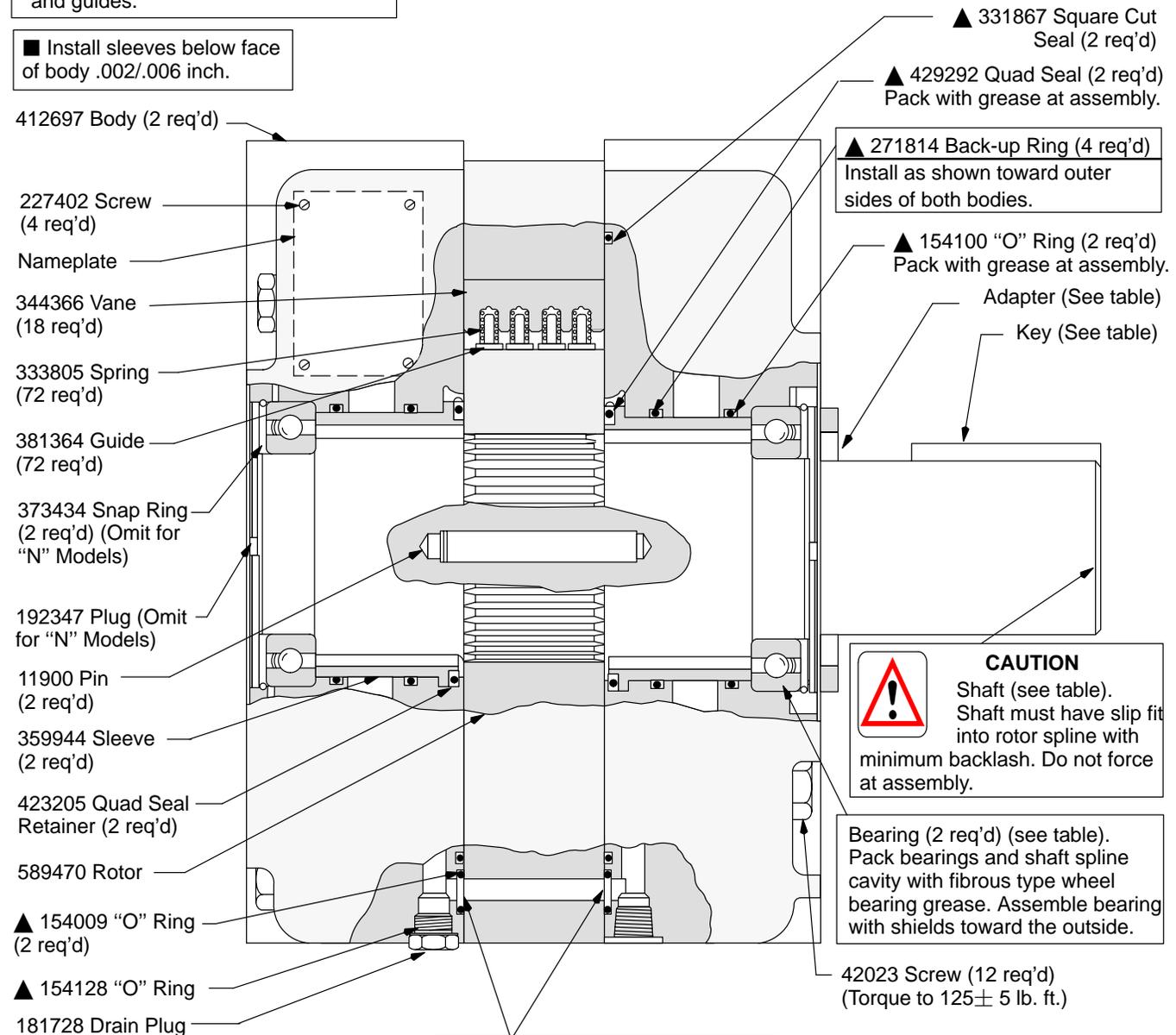
High Torque, Low Speed Vane Motors

MHT SERIES 130/150-30-S27

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

Model	Shaft	Key	Bearing	Ring	Adapter
MHT-130-N1	—	—	—	375221	—
MHT-130-R1	356165	334231	373927	—	374542
MHT-150-N1	—	—	—	356176	—
MHT-150-R1	356165	334231	373927	—	374542

■ Install sleeves below face of body .002/.006 inch.



CAUTION
 Shaft (see table). Shaft must have slip fit into rotor spline with minimum backlash. Do not force at assembly.

Bearing (2 req'd) (see table). Pack bearings and shaft spline cavity with fibrous type wheel bearing grease. Assemble bearing with shields toward the outside.

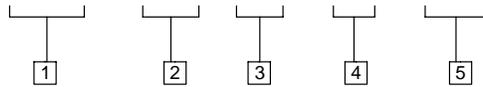
Std/F3 Seal Kit Cross Reference	
▲ Std 919530	F3 919872

CAUTION
 Assemble both rings and spacer with case drain located as shown. Not rotated with hole at top.

WARNING
 Always wear safety glasses to prevent eye injury.

Model Code

MHT - 1*0 - *1 - 30 - S27



1 Model Series

High torque, low speed vane motor

**2 Theoretical Torque in Lb. Ft. per
100 PSI Differential Pressure**

130/150

3 Shaft

N1 - No shaft

R1 - Solid shaft with square key

4 Design

5 Features

Quiet feature, low pulsation levels

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 18/15 or cleaner. Selections from pressure, return, and in-line filter series are recommended.