

## Service Parts Information

## Multi-Torque Vane Motors

### MHT Series

MHT-110/65/45-\*1-30-S19

\* Omit for  
N1 models

381362 Vane  
(18 Req'd)

381364 Guide  
(72 Req'd)

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



#### CAUTION

Assemble back-up  
rings towards outer  
sides of both bodies.

381363 Spring  
(72 Req'd)

▲ 429292 Quad  
Seal (2 Req'd)

227402 Screw  
(4 Req'd)

Nameplate

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

\* 373434 Snap Ring  
(2 Req'd)

359944 Sleeve  
(2 Req'd)

\* 7074 Plug

19100 Pin  
(2 Req'd)

▲ 271814 Back-up  
Ring (2 Req'd)

412967 Body Outlet

▲ 154100 O-Ring  
(2 Req'd)

412967 Rotor

▲ 331865 Square  
Cut Seal (2 Req'd)

▲ 154009 O-Ring  
(2 Req'd)

▲ 154128 O-Ring

181728 Plug

▲ Included in Seal Kit 919869

F3 equivalent Seal Kit 919870

412966 Body-Inlet

42023 Screw (12 Req'd)  
Torque to  $125 \pm 5$  lb. ft.  
(Oiled).

▲ 271768 Back-up  
Ring (4 Req'd)

▲ 370842 O-Ring (3 Req'd)  
Grease pack at assembly

\* 334231 Key

\* 356165 Shaft



#### CAUTION

Shaft must have slip fit  
into Rotor Spline with  
minimum backlash. Do not force  
at assembly.

\* 373927 Bearing (2 Req'd)

#### Note

Pack bearings and Shaft Spline  
cavity with fibrous type wheel  
bearing grease. Assemble  
bearings with shield on outside.

380649 Plug S/A  
(3 Req'd)

▲ 154131 O-Ring  
326976 Plug



405712 Ring

#### CAUTION

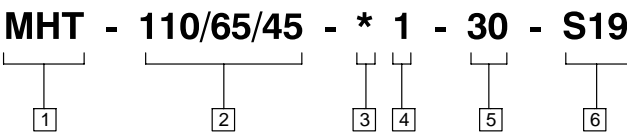
Assemble ring with case drain hole as  
shown (Not rotated with hole at top).



#### 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.

Model Code



1 High Torque Low Speed Vane Motor	3 Shaft N - No shaft R - Standard solid shaft	5 Design
2 110/65/45 Combinations of theoretical torque in lb. ft. per 100 psi differential pressure	4 Keyed Shaft	6 Denotes Special

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.