

Service Parts Information

VICKERS
A TRINAHOVA COMPANY

HIGH TORQUE
LOW SPEED
VANE MOTORS

MHT 380/440/500

MODEL	SHAFT	SNAP RING	KEY	BEARING	PLUG	RING
MHT-380-*1-30						364468
MHT-440-*1-30	377512	354386	332265	310539	7074	375223
MHT-500-*1-30						343826

*OMIT FOR
N1 MODELS

227402 SCREW
(4 REQ'D)

NAMEPLATE

▲154108 "O" RING
(4 REQ'D)
PACK WITH GREASE
AT ASSEMBLY.

*SHAFT (SEE TABLE)
SHAFT MUST HAVE SLIP FIT
INTO ROTOR SPLINE WITH
MINIMUM BACKLASH. DO
NOT FORCE AT ASSEMBLY.

*KEY (SEE TABLE)

STD/F3 SEAL KIT CROSSREFERENCE	
▲STD	F3
919885	919886

*BEARING (SEE TABLE)
(2 REQ'D)
NOTE: PACK BEARINGS AND
SHAFT SPLINE CAVITY WITH
FIBROUS TYPE WHEEL BEAR-
ING GREASE. INSTALL BEAR-
INGS WITH SHIELDS ON OUT-
SIDE.

▲271822 BACK-UP RING (4 REQ'D)
GREASE PACK AT ASSEMBLY.
INSTALL AS SHOWN TOWARDS
OUTER SIDES OF BOTH BODIES.

171255 GREASE FITTING

423209 BODY
(2 REQ'D)

418966 RETAINER (4 REQ'D)

382715 VANE (36 REQ'D)

396438 SPRING (144 REQ'D)

382716 SPRING GUIDE (144 REQ'D)

382709 ROTOR (2 REQ'D)

▲429293 QUAD SEAL
(4 REQ'D)
PACK WITH GREASE
AT ASSEMBLY.

*SNAP RING
(2 REQ'D)
(SEE TABLE)

378149 PIN
(2 REQ'D)

*PLUG
(SEE TABLE)

347255 SLEEVE
(2 REQ'D)

332267 SCREW
(12 REQ'D)
TORQUE TO
150 ± 5 lbf. ft.
OILED

▲154130 "O" RING

181792 PLUG

▲281623 SQUARE CUT
SEAL (4 REQ'D)

▲154011 "O" RING
(4 REQ'D)

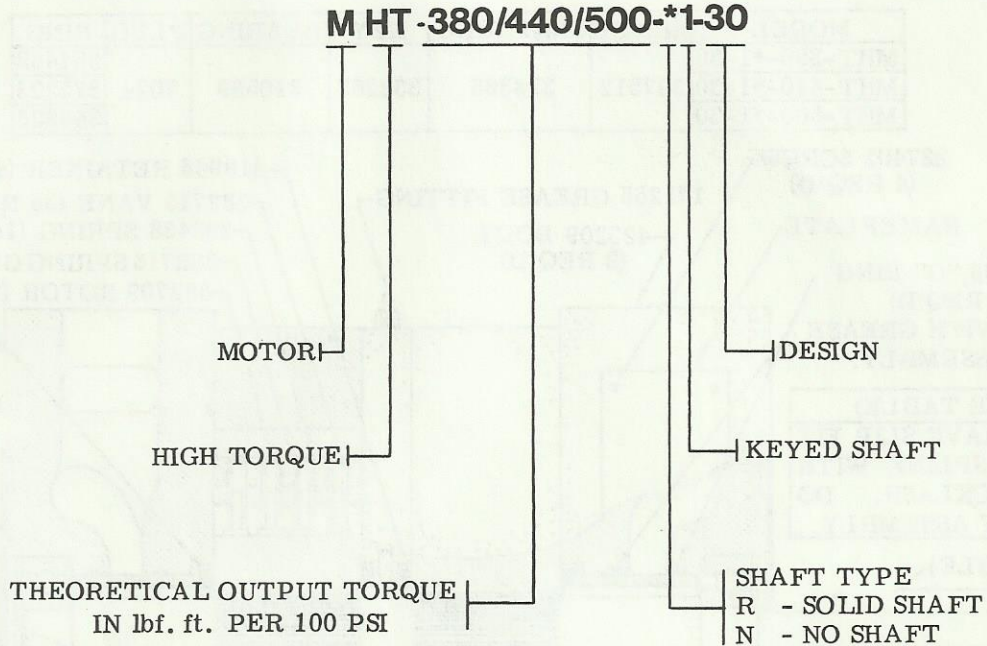
181728
DRAIN PLUG

▲154128 "O" RING

RING (SEE TABLE) (2 REQ'D)
397480 SPACER
ASSEMBLE BOTH RINGS AND SPACER 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 PRIOR TO ASSEMBLY WITH BODIES. THIS PREVENTS MISALIGNMENT OF SPRINGS AND GUIDES.

MODEL CODE BREAKDOWN



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 Vickers OFP, OFR, and OFRS series are recommended.

Litho in U. S. A.