

Service Parts Information

HIGH TORQUE LOW SPEED VANE MOTOR

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

*OMIT FOR N1 MODELS

227402 SCREW (4 REQ'D)

NAMEPLATE

SLEEVES MUST BE .002 BELOW FACE .006 OF BODY.

359944 SLEEVE (2 REQ'D)

*373434 SNAP RING (2 REQ'D)

19100 PIN (2 REQ'D)

*7074 PLUG

▲271814 BACK-UP RING (2 REQ'D)

412967 BODY OUTLET

▲154100 "O" RING (2 REQ'D)

412965 ROTOR

▲331867 SQUARE CUT SEAL (2 REQ'D)

▲154009 "O" RING (2 REQ'D)

▲154128 "O" RING

181728 PLUG

381362 VANE (18 REQ'D)

381364 GUIDE (72 REQ'D)

381363 SPRING (72 REQ'D)

▲429292 QUAD SEAL (2 REQ'D)

ASSEMBLE RING WITH .25 DIAMETER DRILL POINT TOWARD DOUBLE PORTED BODY.

CAUTION: ASSEMBLE BACK-UP RINGS TOWARDS OUTER SIDES OF BOTH BODIES.

412966 BODY-INLET

42023 SCREW (12 REQ'D) TORQUE TO 125[±]5 lbf. 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 & SHAFT SPLINE CAVITY WITH FIBROUS TYPE WHEEL BEARING GREASE. ASSEMBLE BEARINGS WITH SHIELD ON OUTSIDE.

405712 RING
CAUTION: ASSEMBLE RING WITH CASE DRAIN HOLE AS SHOWN (NOT ROTATED WITH HOLE AT TOP)

380649 PLUG S/A (3 REQ'D)

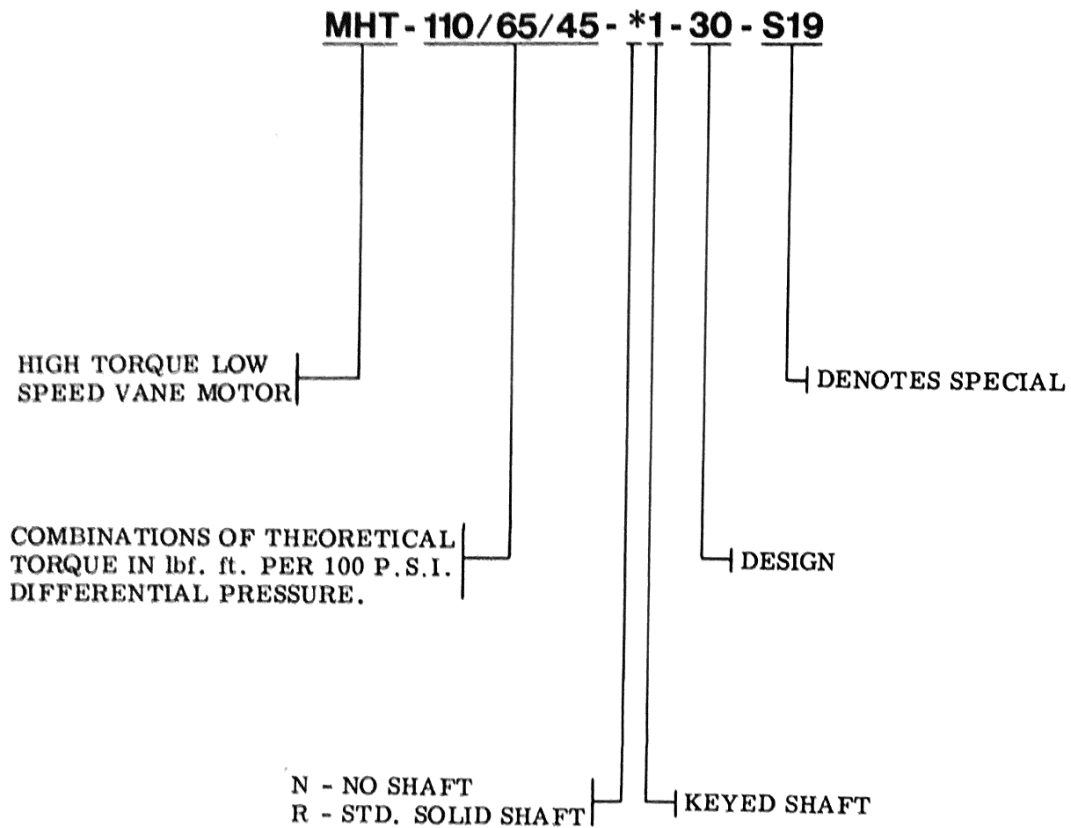
▲154131 "O" RING 326976 PLUG

▲ INCLUDED IN SEAL KIT 919869

F3 EQUIVALENT SEAL KIT 919870

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 ASSY WITH BODIES TO PREVENT MISALIGNMENT OF SPRINGS AND GUIDES.

MODEL CODE BREAKDOWN



To insure sustained efficiency and maximum trouble-free life of this precision equipment, initial and continuous filtration of the fluid medium to 25 microns absolute or less is essential. (For information pertaining to Sperry Vickers economical 3 or 10 micron filters, see installation drawing 522140.)