

Service Parts Information

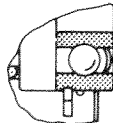
**HIGH TORQUE
LOW SPEED
VANE MOTORS**

MHT 110/130/150



Caution: To assemble cartridge, insert vanes in rotor slots at minor diameter of cam ring. Rotate cartridge (1) complete revolution prior to ass'y with bodies to prevent misalignment of springs & guide

■ INSTALL SLEEVES
BELOW FACE OF
BODY 0.002 INCH
0.006



BEARING ASSEMBLY
FOR -S1 MODEL

MODEL	SHAFT	KEY (*2 REQ'D)	BEARING (*2 REQ'D)	RING	ADAPTER (*2 REQ'D)
MHT-110-N1-30	_____	_____	_____	401623	_____
MHT-110-R1-30	356165	334231	(* 373927	375221	_____
MHT-130-N1-30	_____	_____	_____		
MHT-130-R1-30	356165	334231	(* 373927	356176	374542
MHT-150-N1-30	_____	_____	_____		
MHT-150-N1-30-S1	_____	_____	334582	_____	_____
MHT-150-R1-30	356165	334231	(* 373927		
MHT-150-R1-30-S3	354379	(* 334231	(* 373927		
MHT-150-N1-30-S8	_____	_____	_____	_____	(*) 374542

▲ 331867 SQUARE CUT SEAL (2 REQ'D)

- 227402 SCREW (4 REQ'D)
- NAMEPLATE
- 381362 VANE (18 REQ'D)
- 381363 SPRING (72 REQ'D)
- 381364 GUIDE (72 REQ'D)
- 373434 SNAP RING (2 REQ'D) (OMIT FOR "N" MODELS)

- 192347 PLUG (OMIT FOR "N" MODELS)
- 19100 PIN

- 423211 BODY HEAD END
- 359944 SLEEVE (2 REQ'D)
- 423205 QUAD SEAL RETAINER (2 REQ'D)
- 382107 ROTOR
- ▲ 154009 SEAL (2 REQ'D)

GASKET KITS	
▲ STD	F3
919530	919872

181728 PLUG

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

423211 BODY - SHAFT END
401974 BODY - SHAFT END (MHT-150-N1-30-S8 ONLY)

▲ 271814 BACK-UP RING (4 REQ'D)
INSTALL AS SHOWN TOWARD OUTER SIDES OF BOTH BODIES.

▲ 154100 "O" RING (4 REQ'D)
PACK WITH GREASE AT ASSEMBLY

ADAPTER (SEE TABLE)

KEY (SEE TABLE)

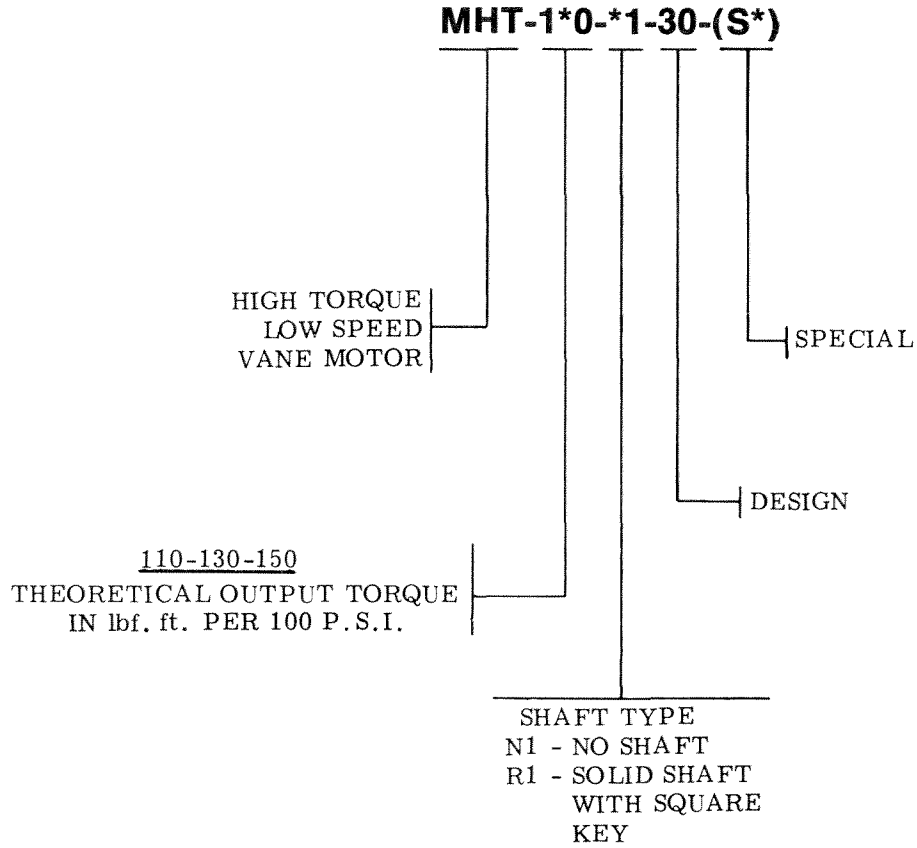
SHAFT (SEE TABLE)
CAUTION: SHAFT MUST HAVE SLIP FIT INTO ROTOR SPLINE WITH MINIMUM BACKLASH. DO NOT FORCE AT ASSEMBLY

BEARING (SEE TABLE)
NOTE: PACK BEARINGS AND SHAFT SPLINE CAVITY WITH FIBROUS TYPE WHEEL BEARING GREASE. ASSEMBLE BEARINGS WITH SHIELD ON OUTSIDE

42023 SCREW (12 REQ'D)
TORQUE 125 ± 5 lb. ft. Oiled

▲ 429292 QUAD SEAL (2 REQ'D)
PACK WITH GREASE AT ASSEMBLY

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.