$\text{Vickers}^{\text{\tiny{\circledR}}}$

Vane Motors



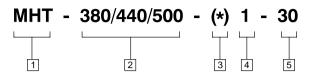
Multi-Torque Vane Motors

MHT Series 380/440/500

Model	Shaft	Snap Ring (2 req'd)	Key	Bearing (2 req'd)	Ring	Plug	■ Omit for N1 Models
MHT-380-*1-30					364468		Std/F3 Seal Kit
MHT-440-*1-30	377512	354386	332265	310539	375223	7074	Cross Reference
MHT-500-*1-30		00.000	002200	0.000	343826		▲Std 919885 F3 919886
171255 Grease Fitting ———							— 418966 Retainer (4 req'd)
423209 Body —		_				/	382715 Vane (36 req'd)
227402 Screw (4 req'd) ———					/ /		— 396438 Spring (144 req'd)
Name Plate ————	\		\	\		/	382716 Guide (144 reg'd)
■ 154108 "O" Ring (4 req'd) —	\						/ 382709 Rotor (2 req'd)
(Grease pack at assembly.)		\ \	_	A	/ / /		
							(4 req'd) (Grease pack at assembly.)
CAUTION - CAUTION) \	8			/ / /	ı //	Snap Ring
■ Shaft (see table). Smust have slip fit into		()					/ (2 req'd)
spline with minimum	back-					/	(See table)
lash. Do not force at assembly.		A M				//	
■ Key (See table) —							378419 Pin (2 reg'd)
							3/6419 Fill (2 leq u)
							■ Plug (See table)
							347255 Sleeve
							(2 req'd)
- - - - - - - - - -			*			# (T = T)	
■ Bearing (2 req'd) (see table). Pack bearings and shaft spline							332267 Screw (12 reg'd)
ity with fibrous type wheel bear							(Torque to
grease. Assemble bearing with							150±5 lb. ft.)
shields toward the outside.						,\	Drain
4.074000 B . I . B: . /4 . I	\neg / $ $		•				
▲271822 Back-up Ring (4 req'o			<u> </u>				
of body.	uo		,				
							▲281623 Square Cut Seal (4 req'd)
■ 154130 "	_	-// /					Ring (2 req'd) (See table)
181792 Plug ▲154011 "O" Ring				397480 Spacer (2 req'd)			
	4 req'd)						▲154128 "O"Ring
CAUTION							181728 Drain Plug
When assembling ca	rtridge,						
insert vanes in rotor							
the minor diameter o ring. Rotate cartridge one con						\	CAUTION
revolution prior to assembly w	ith bo-						Assemble both rings and spacer with case drain located
dies. This prevents misalignm	ent of					 	is shown. (Not rotated with
springs and guides.					ho	le at top.)

Released 11-1-85

Model Code



1 Model Series

3 Shaft

5 Design

High torque, low speed vane motor

N - No shaft and bearings

R - Solid shaft

Combination of Theoretical Torque in Lb.-Ft. per 100 P.S.I. Differential Pressure

4 Keyed Shaft

(When provided)

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.