

Service Data

Vickers®

Motors



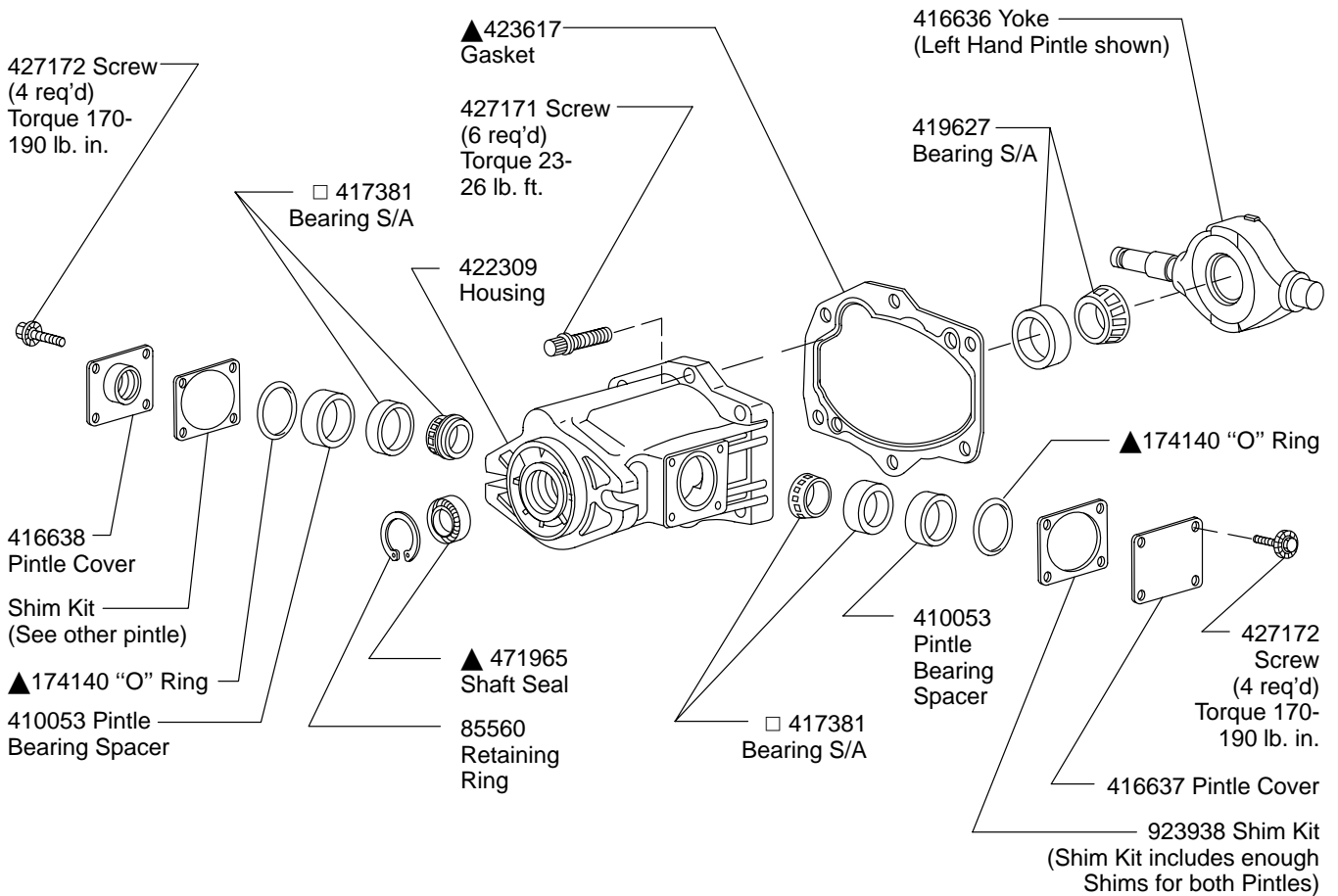
Variable Displacement Transmission Motors

MVE-19(X)*-30**

MVE19(X)-***-30

Included in	
■ Rotating Group	923941
Pintle Shim Kit	923938
Bearing Spacer Kit	942401
▲ Seal Kit	923940

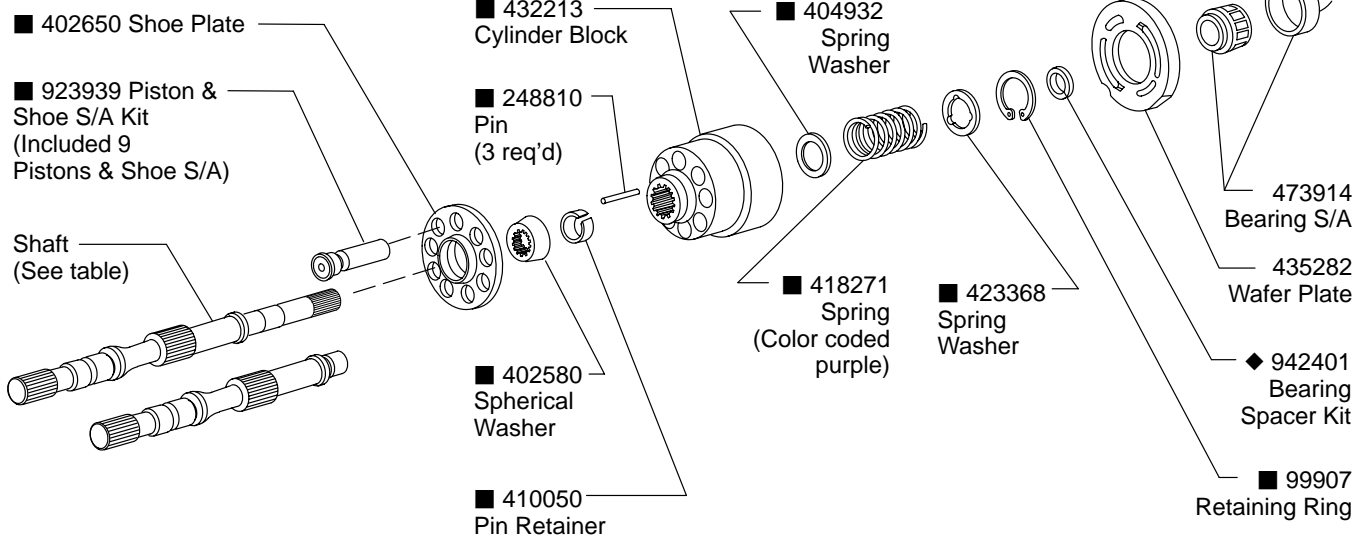
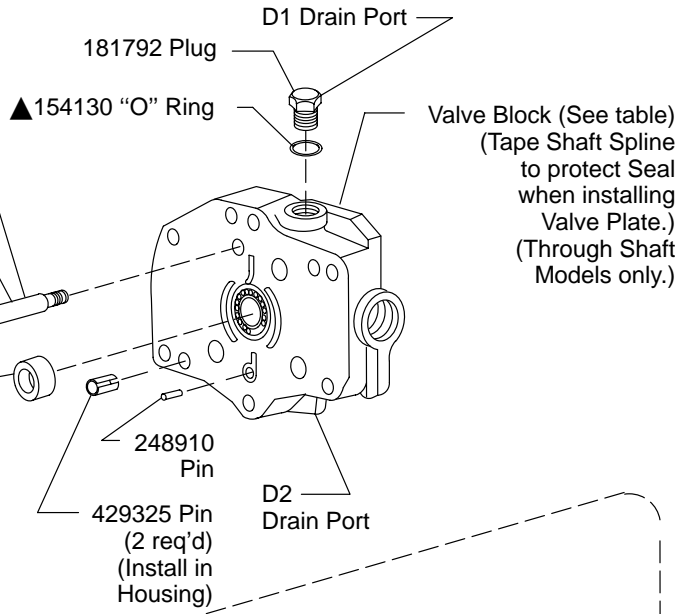
Model	Shaft	Valve Block
MVE19-2-**-30	423415	429728
MVE19-6-**-30	435305	
MVE19-9-**-30	424544	
MVE19-17-**-30	575302	
MVE19X-2-**-30	423419	435284
MVE19X-9-**-30	576788	



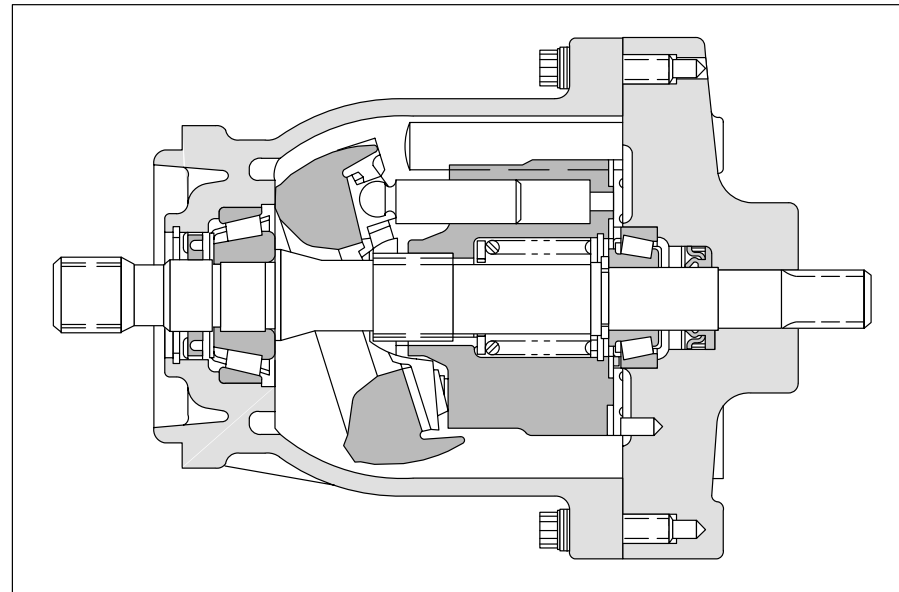
Yoke Stop (Refer to Model Code)
Torque to 40-46 lb. ft. (Bond using
Loctite Grade 271 Compound)

Model	Length	Yoke Angle	Part
MVE19*-**0-30	3.553	0° to 1° 20'	427364
MVE19*-**7-30	3.782	7°	416670
MVE19*-**9-30	3.853	9°	428863
MVE19*-**11-30	3.923	11°	420935
MVE19*-**13-30	3.992	13°	422227
MVE19*-**15-30	4.062	15°	428858

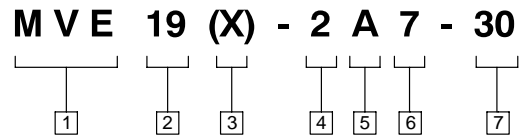
▲ 419671 Shaft Seal
(MVE19X Models only)
Face Spring toward Bearing.
Press until Seal bottoms
against the shoulder.



◆ Install with chamfer toward shaft shoulder.



Model Code



1 Model Series

MVE - Motor, variable displacement, inline piston unit

2 Flow Rating

@ 1800 rpm

19 -19 USgpm

3 Thru Shaft

25T -32/64P (Flat root side fit, omit for standard single ended shaft)

4 Input Shaft

2 - SAE B-B splined

5 Lever Control Options

(Viewed from shaft end with D1 drain port up)

A - Right hand

B - Left hand

6 Min. Displacement Angle

(Variable units only)

7 - 7° **13** - 13° **11** - 11° **0** - 0°

9 - 9° **15** - 15°

7 Design

For satisfactory service life of these components in industrial applications, use full flow filtration to provide fluid which meets ISO cleanliness code 20/18/15 or cleaner. Selections from Eaton OFF, OFR, and OFRS series are recommended.