Service Data

Vickers®

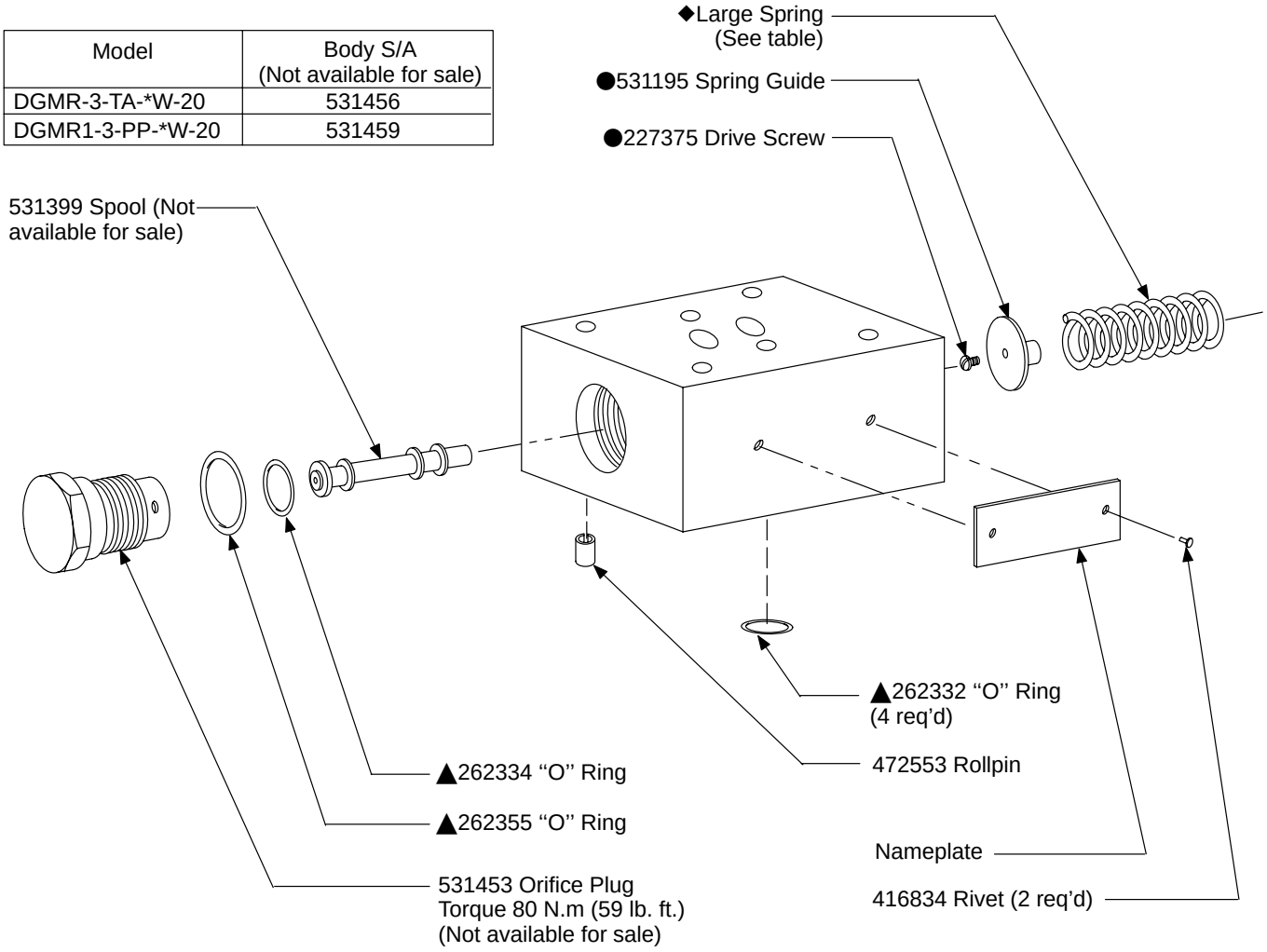
SystemStak™ Valves

Counterbalance & Sequence Modules

DGMR-3-TA-*W-20
DGMR1-3-PP-*W-20

Model	Spring Type	◆ Large Spring	◆ Small Spring	Pressure Range in Bars	Color Code
DGMR*-3-**-AW-20	A	531150	–	3.5 - 30 (50 - 425 psi)	–
DGMR*-3-**-BW-20	B	531203	–	20.0 - 70 (300 - 1000 psi)	Blue
DGMR*-3-**-CW-20	C	531204**	531275	50.0 - 140 (725 - 2000 psi)	**Green
DGMR*-3-**-FW-20	F	531206	531205	100.0 - 250 (1450 - 3600 psi)	–

Model	Body S/A (Not available for sale)
DGMR-3-TA-*W-20	531456
DGMR1-3-PP-*W-20	531459



■ Included in adjustment screw kit 942448

▲Service all units with F3 Seal Kit 920085

●Included in plunger and guide kit 942449

© Eaton Hydraulics, Incorporated 2000
All Rights Reserved

Note

Replacement parts for this unit are available in service kits. Parts prefixed by an ◆ can be obtained individually. Bodies are not available for sale.

●▲262358 “O” Ring

●531196 Plunger

●▲262336 “O” Ring

●531273 Spring Guide

●531454 Spring Housing
Torque 80 N.m. (59 lb. ft.)

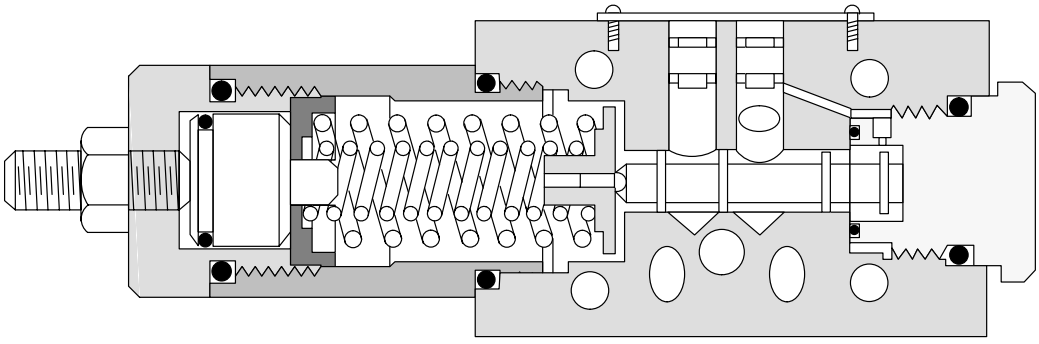
■ 531192 Plug
Torque 80 N.m. (59 lb. ft.)

■◆471151 Set Screw

■◆531541 Nut

●▲262343 “O” Ring

◆Small Spring
(See table)



Model Code

DGM R(*) - 3 - * * - * W - 20

1 2 3 4 5 6 7 8

1 Modular Valve

2 Module Type

R - Back pressure
R1 - Sequence (vent type spool)

3 Interface

CETOP 3 & NFPA-D 01

4 Operating Port

P Port - Sequence
T Port - Back pressure

5 Control Port

P Port - Sequence
A Port - Back pressure

6 Pressure Range

A - 3.5 - 30 bar (50 - 425 psi)
B - 20.0 - 70 bar (300 - 1000 psi)
C - 50.0 - 140 bar (725 - 2000 psi)
F - 100.0 - 250 bar (1450 - 3600)

7 Adjustment Mechanism

Standard hex screw and locknut

8 Design

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

Printed in U.S.A.