Service Data

Vickers®

Directional Controls



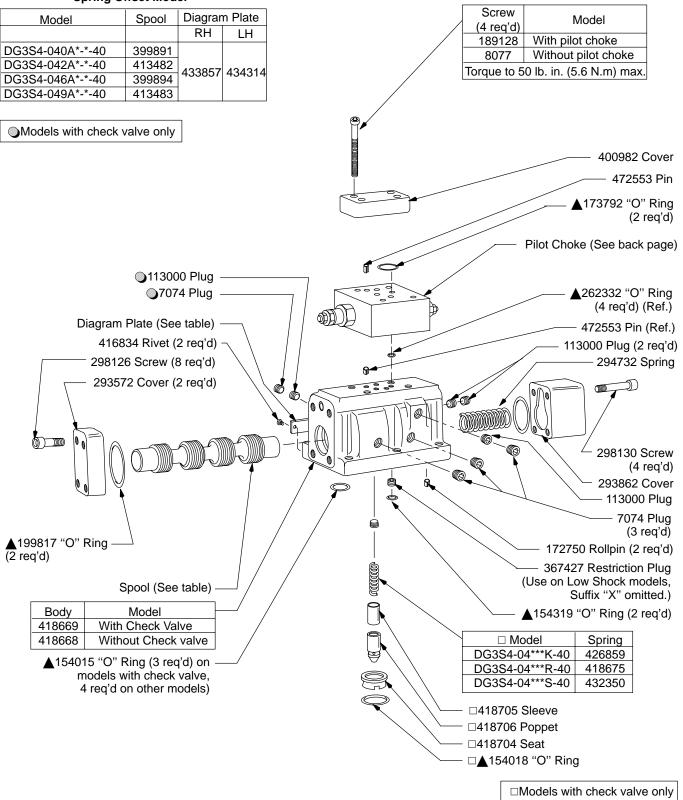
Pilot Operated Directional Valve

DG3S4-04*(*)-(*)-40



Spring Centered & No-Spring Models Diagram Plate See Spool Assembly Screw Spool Model Model note below. (4 req'd) DG3S4-040*-*-40 399891 433852 With pilot choke 189128 DG3S4-042*-*-40 399892 433853 ▲Included in 8077 Without pilot choke 919512 Seal kit *DG3S4-043*-*-40 399393 433854 Torque to 50 lb. in. (5.6 N.m) max. 433855 *DG3S4-044*-*-40 413481 433856 399894 DG3S4-046*-*-40 433855 *DG3S4-048*-*-40 399896 ●DG3S4-049*-*-40 413483 433852 *DG3S4-04333*-*-40 399897 433856 400982 Cover ●Type 9 spool is not used on Spring Centered models. 472553 Pin *Normally used only on ▲173792 "O" Ring (2 req'd) Spring Centered models. □113000 Plug Pilot Choke (See back page) □7074 Plug Diagram Plate (See table) 472553 Pin (Ref.) 416834 Rivet (2 req'd) ▲262332 "O" Ring (4 req'd) (Ref.) ▲199817 "O" Ring (2 req'd) 113000 Plug (2 req'd) Spring Centered models only **4**03732 Spring (2 req'd) 00 242190 Washer 0 (2 reg'd) 113000 Plug 7074 Plua (3 req'd) 172750 Rollpin (2 req'd) 367427 Restriction Plug 293572 Cover (2 req'd) (Use on Low Shock models, Suffix "X" omitted.) 298126 Screw (8 req'd) ▲154319 "O" Ring Spool (See table) (2 req'd) Model Body 113000 Plug 418669 With Check Valve 418668 Without Check valve □Model Spring DG3S4-04***K-40 426859 ▲154015 "O" Ring (3 reg'd) on DG3S4-04***R-40 models with check valve, 4 418675 req'd on other models) DG3S4-04***S-40 432350 □418705 Sleeve ♦ Included in Stroke Adjuster Kit 941029 □418706 Poppet □418704 Seat ♦ 262369 "O" Ring □▲154018 "O" Ring ☐ Models with check valve only 0_0 ♦ 262328 "O" Ring **Spool Assembly Note** ♦243367 Adjustment Screw Assemble type 3 spool with narrow **♦1485** Nut land toward "A" end of unit. Stroke Adjustment Parts (Either end or both) "B" © Eaton Hydraulics, Incorporated 2000 All Rights Reserved

Spring Offset Model

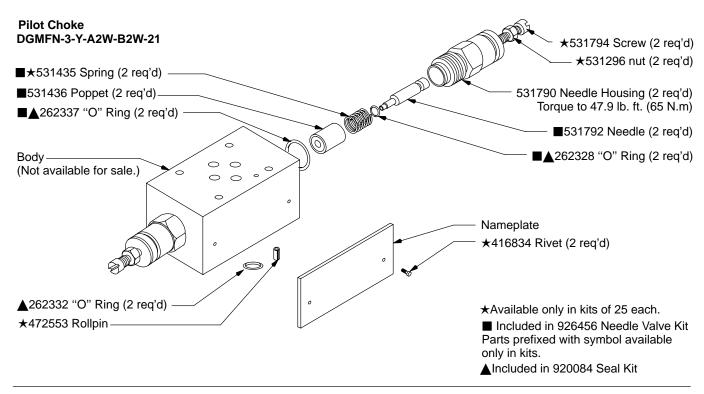


Note

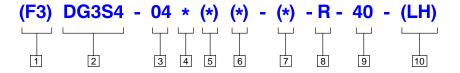
RH assembly shown. For LH assembly, the end covers and spring are assembled on side opposite of that shown. For stroke adjust parts see other page.

▲Included in 919512 Seal kit

Stroke adjust cover parts are shown on other page.



Model Code



1 Seals

F3 - Multi-fluid capability (Viton® seals) Viton is a registered trademark of E.I. DuPont

2

Model Series

Directional control valve, subplate or manifold mounted, pilot operated, sliding spool, 4 flow directions.

3 Valve Size

04 - 1/2"

4 Spool Type

5 Spool/Spring Arrangement

(Omit for standard.)

- A Spring offset
- C Spring centered

6 Fast Response

X - Omit for standard low shock models.

Spool Control Modifications

(Omit when not required.)

- 1 Stroke adjustments
- 2 Pilot choke adjustments
- 3 Pilot choke & stroke adjustments
- 7 Stroke adjustment "A" end only
- 8 Stroke adjustment "B" end only

8 Check Valve

(Omit when not required.)

- K 5 psi check
- R 50 psi check
- S 75 psi check

9 Design Number

10 Left Hand Build

(Omit for offset to "A" models shown.) Spring offset model offset to "B".

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 16/13 or cleaner. Selections from pressure, return, and in-line filter series are recommended.