



Pilot Operated Directional Valve

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

Spring Centered & No-Spring Models

Model	Spool	Diagram Plate
DG3S4-040*-40	399891	433852
DG3S4-042*-40	399892	433853
▼ DG3S4-043*-40	399393	433854
▼ DG3S4-044*-40	413481	433855
DG3S4-046*-40	399894	433856
▼ DG3S4-048*-40	399896	433855
● DG3S4-049*-40	413483	433852
▼ DG3S4-04333*-40	399897	433856

● Type 9 spool is not used on Spring Centered models.

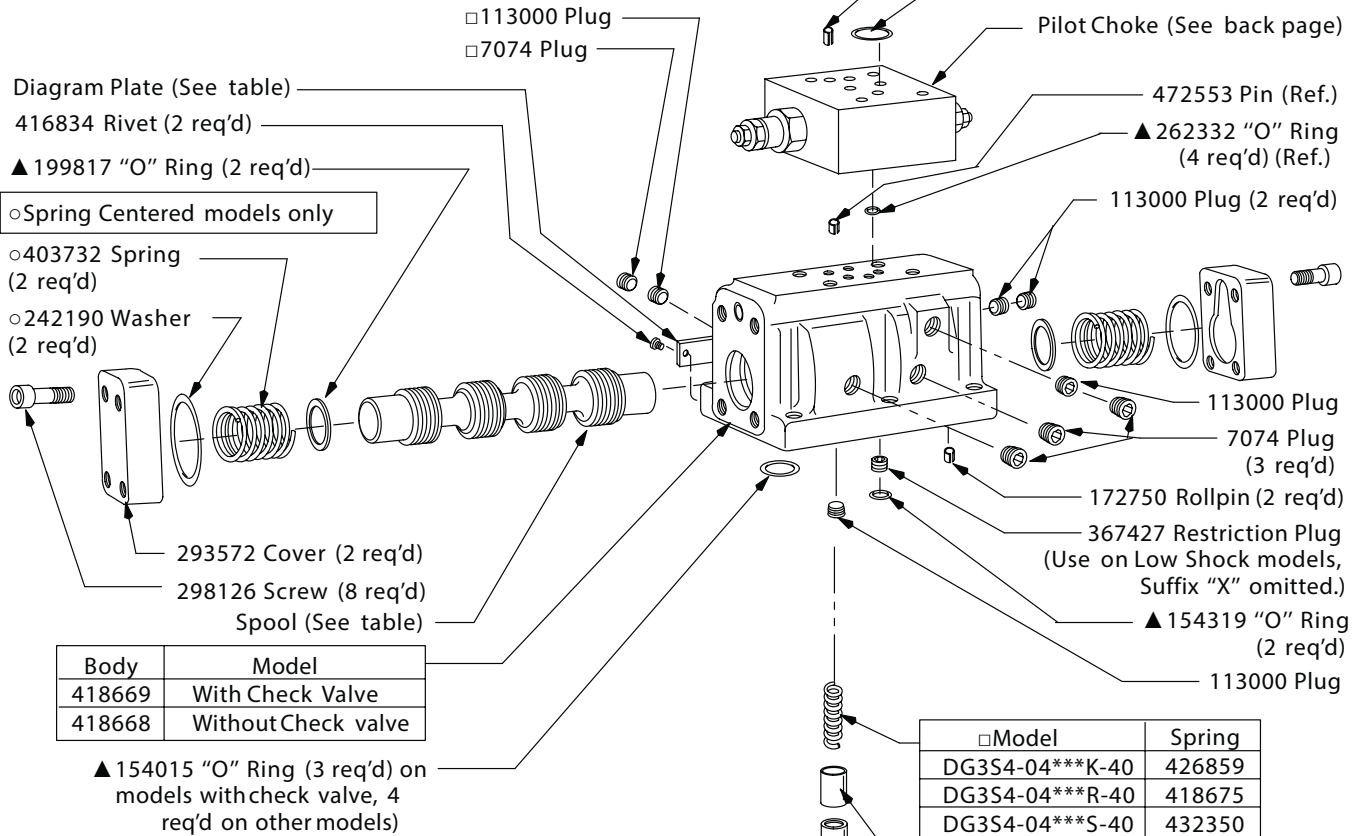
▼ Normally used only on Spring Centered models.

See Spool Assembly note below.

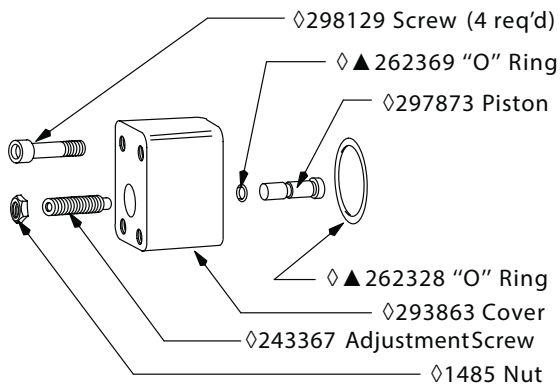
▲ Included in 919512 Seal kit

Screw (4 req'd)	Model
189128	With pilot choke
8077	Without pilot choke

Torque to 50 lb. in. (5.6 N.m) max.

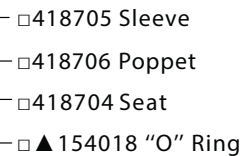


Included in Stroke Adjuster Kit 941029



Stroke Adjustment Parts (Either end or both)

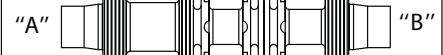
Model	Spring
DG3S4-04***K-40	426859
DG3S4-04***R-40	418675
DG3S4-04***S-40	432350



□ Models with check valve only

Spool Assembly Note

Assemble type 3 spool with narrow land toward "A" end of unit.

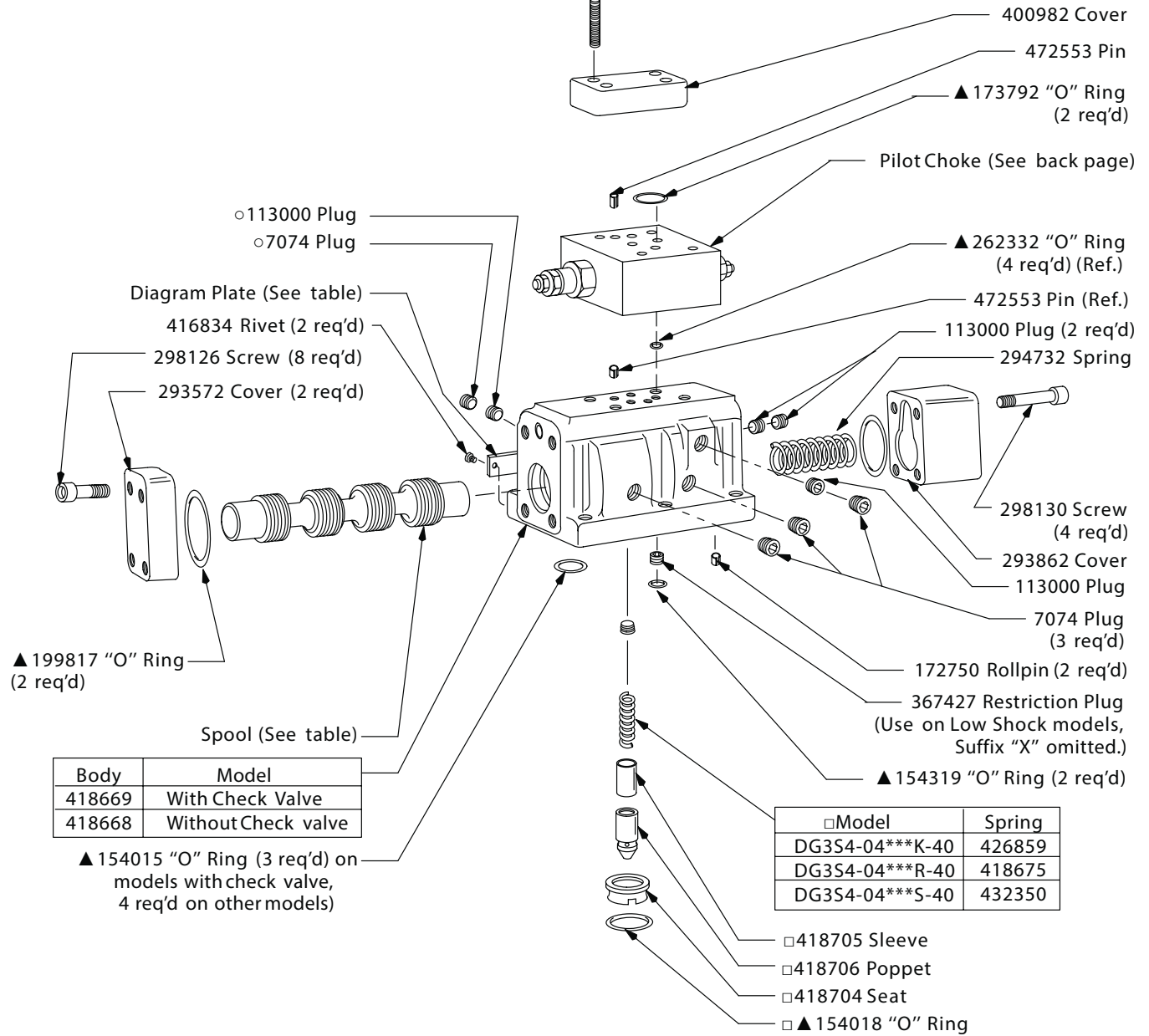


Spring Offset Model

Model	Spool	Diagram Plate	
		RH	LH
DG3S4-040A*-40	399891	433857	434314
DG3S4-042A*-40	413482		
DG3S4-046A*-40	399894		
DG3S4-049A*-40	413483		

Screw (4 req'd)	Model
189128	With pilot choke
8077	Without pilot choke
Torque to 50 lb. in. (5.6 N.m) max.	

○ Models with check valve only



□ Models with check valve only

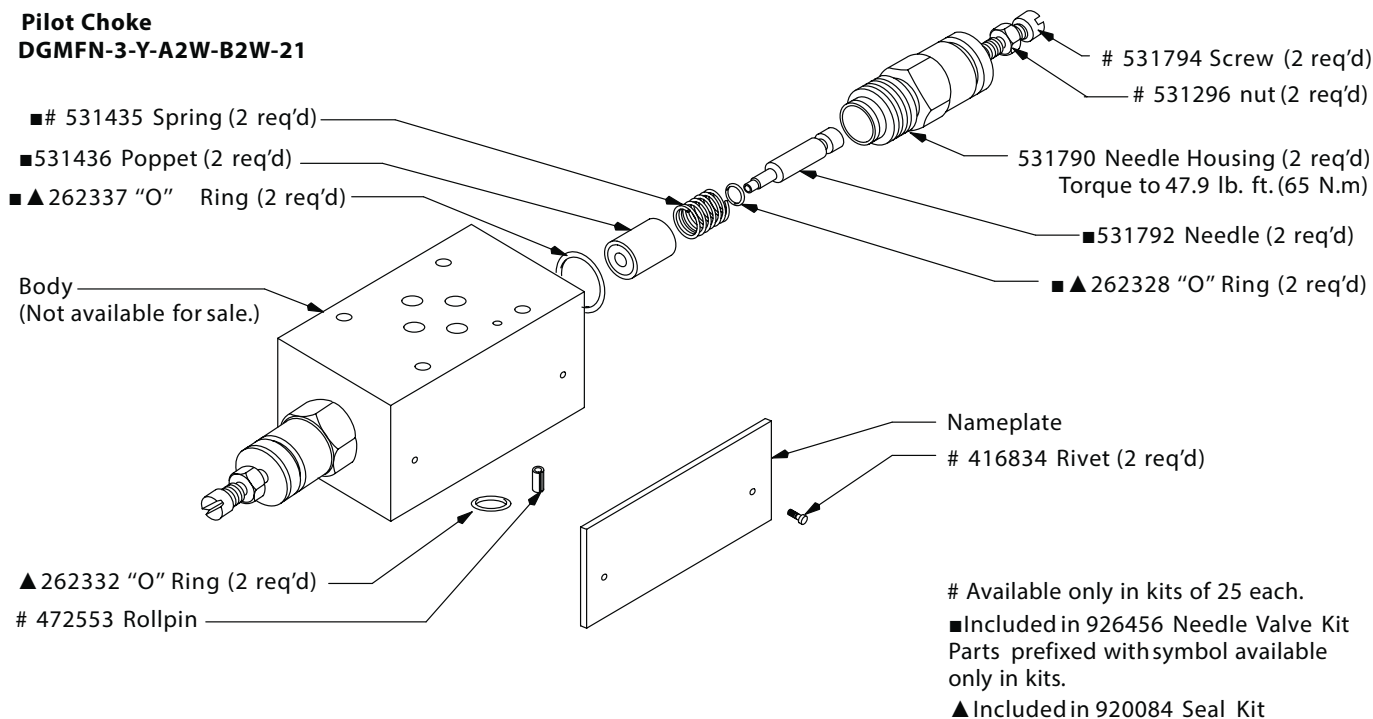
Note

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

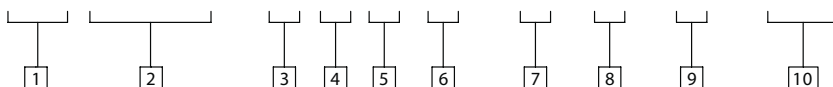
Stroke adjust cover parts are shown on other page.

Pilot Choke
DGMFN-3-Y-A2W-B2W-21



Model Code

(F3) DG3S4 - 04 * (*) (*) - (*) - R - 40 - (LH)



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.

7 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.

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**Danfoss
Power Solutions (US) Company**
2800 East 13th Street
Ames, IA 50010, USA
Phone: +1 515 239 6000

**Danfoss
Power Solutions GmbH & Co. OHG**
Krokamp 35
D-24539 Neumünster, Germany
Phone: +49 4321 871 0

**Danfoss
Power Solutions ApS**
Nordborgvej 81
DK-6430 Nordborg, Denmark
Phone: +45 7488 2222

**Danfoss
Power Solutions Trading
(Shanghai) Co., Ltd.**
Building #22, No. 1000 Jin Hai Rd
Jin Qiao, Pudong New District
Shanghai, China 201206
Phone: +86 21 2080 6201