

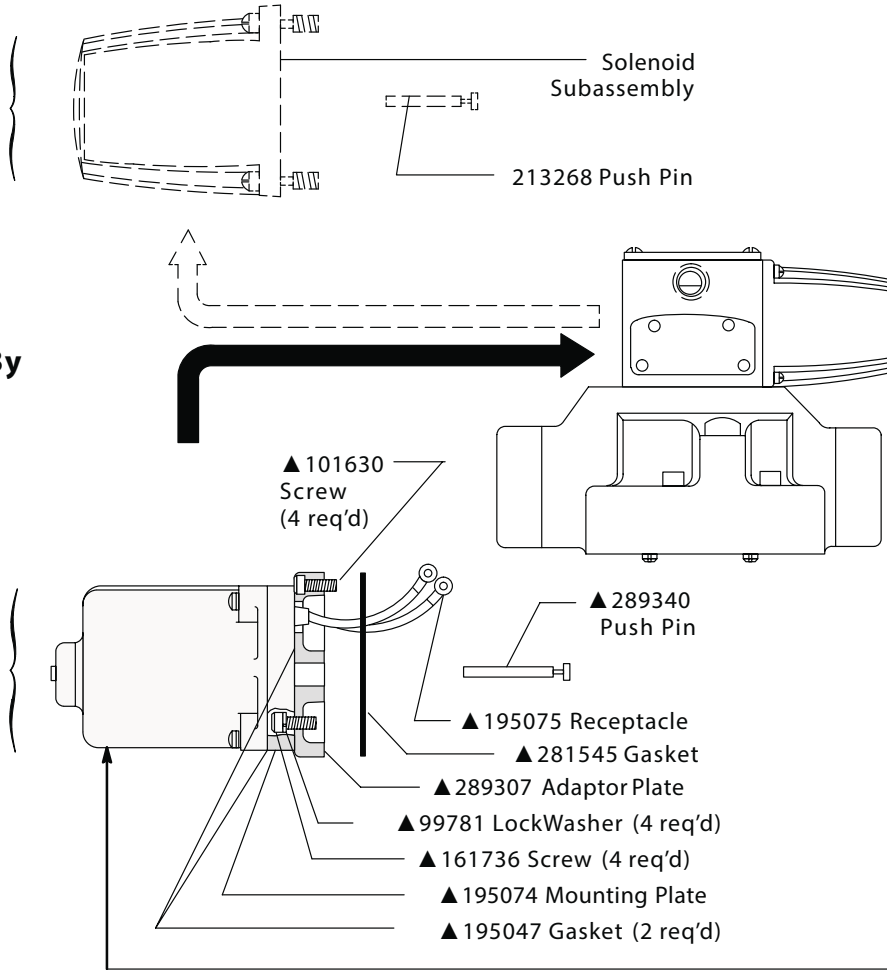
Directional Valves With Oil Immersed Solenoids

▲ Part included in
941769 Adapter Kit

These
Parts

Are
Replaced By

These
Parts



Solenoid S/A	Voltage
251505	24 AC 60
232960	110 AC 60
195053	115 AC 60
240996	120 AC 60
323163	215 AC 60
195054	230 AC 60
205687	115 AC 50
290899	120 AC 50
248640	220 AC 50
205688	230 AC 50
279926	240 AC 50
237544	415 AC 50
205689	460 AC 50
231583	110 AC 25

On Model

Shown on Drawing

To Make Model

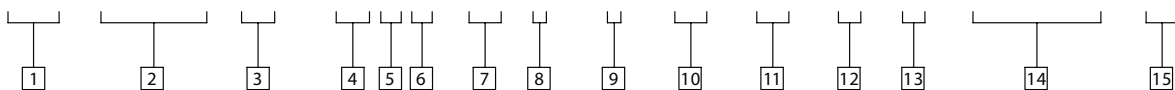
DF5S4(L)-16*A-50/53
DF5S4(L)-16*B-53
DF5S4(L)-16*C-50/51/53
DF5S4(L)-16*N-50/51/53
DG5S4(L)-06*A-50/51
DG5S4(L)-06*C-50/51
DG5S4(L)-06*D-50/51
DG5S4(L)-06*N-50/51
DG5S4(L)-10*A-50/51/53
DG5S4(L)-10*B-53
DG5S4(L)-10*C-50/51/53
DG5S4(L)-10*D-50/51/53
DG5S4(L)-10*N-50/51/53

-50 Design	-51 Design	-53 Design
I-3486-S		I-3622-S
I-3482-S		I-3622-S
I-3482-S	I-3482-S	I-3622-S
I-3492-S	I-3502-S	
I-3490-S	I-3473-S	
I-3493-S	I-3504-S	
I-3491-S	I-3474-S	
I-3496-S	I-3513-S	I-3624-S
		I-3624-S
I-3494-S	I-3509-S	I-3624-S
I-3497-S	I-3514-S	I-3625-S
I-3495-S	I-3512-S	I-3624-S

DF5S4(L)-16*A-H-50/53
DF5S4(L)-16*B-H53
DF5S4(L)-16*C-H-50/51/53
DG5S4(L)-16*N-H-50/51/53
DG5S4(L)-06*A-H-50/51
DG5S4(L)-06*C-H-50/51
DG5S4(L)-06*D-H-50/51
DG5S4(L)-06*N-H-50/51
DG5S4(L)-10*A-H-50/51/53
DG5S4(L)-10*B-H-53
DG5S4(L)-10*C-H-50/51/53
DG5S4(L)-10*D-H-50/51/53
DG5S4(L)-10*N-H-50/51/53

Model Code

(F3) - D*5S4 (L) - ** * * (X) (*) - (*) - (E) - (T) - (*) - H - (***)AC**) - 5*



1 Seal Material

F3 - Seals for mineral oil and fire resistant fluids

2 Model Series

D*5S4(L) - Directional valve, flange connection, subplate or manifold mounted, solenoid controlled, pilot operated, sliding spool, 4 way

3 Solenoid

L - Solenoid indicator Lights
Omitted - None

4 Series

06 - 60
10 - 10
16 - 160

5 Type of Main Stage Spool

6 Spring

A - Spring offset
B - Spring centered (one solenoid)
C - Spring centered
D - Pressure centered
N - No spring detented

7 "X"- Fast Response Models (For 100 Series pressure centered models, "X" is available in the "A" pilot pressure range only)

Omitted - Low shock model

8 Pilot Pressure Range (100 Series "D" pressure centered models only)

Omitted - 2000 to 3000 psi
A - 300 to 1000 psi
B - 1000 to 2000 psi

9 Spool Control Modifications (Omit if not required)

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

10 Pilot Pressure

E - External pilot pressure
Omitted - Internal pilot pressure

11 Pilot Drain

T - Internal pilot drain
(not available on open center spools unless external pilot pressure "E" is used)
Omitted - External pilot drain

12 Check Valve

Omitted - No check valve
K - 5 psi cracking pressure
L - 30 psi cracking pressure
R - 50 psi cracking pressure
S - 75 psi cracking pressure

13 Oil Immersed Solenoid

14 Voltage & Frequency

Omitted - 115AC60 standard

15 Design

-50/-51/-53

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 20/18/15 or cleaner. Selections from Danfoss are recommended.

Products we offer:

- Cartridge valves
- DCV directional control valves
- Electric converters
- Electric machines
- Electric motors
- Gear motors
- Gear pumps
- Hydraulic integrated circuits (HICs)
- Hydrostatic motors
- Hydrostatic pumps
- Orbital motors
- PLUS+1® controllers
- PLUS+1® displays
- PLUS+1® joysticks and pedals
- PLUS+1® operator interfaces
- PLUS+1® sensors
- PLUS+1® software
- PLUS+1® software services, support and training
- Position controls and sensors
- PVG proportional valves
- Steering components and systems
- Telematics

Danfoss Power Solutions is a global manufacturer and supplier of high-quality hydraulic and electric components. We specialize in providing state-of-the-art technology and solutions that excel in the harsh operating conditions of the mobile off-highway market as well as the marine sector. Building on our extensive applications expertise, we work closely with you to ensure exceptional performance for a broad range of applications. We help you and other customers around the world speed up system development, reduce costs and bring vehicles and vessels to market faster.

Danfoss Power Solutions – your strongest partner in mobile hydraulics and mobile electrification.

Go to www.danfoss.com for further product information.

We offer you expert worldwide support for ensuring the best possible solutions for outstanding performance. And with an extensive network of Global Service Partners, we also provide you with comprehensive global service for all of our components.

Local address:

Hydro-Gear

www.hydro-gear.com

Daikin-Sauer-Danfoss

www.daikin-sauer-danfoss.com

**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