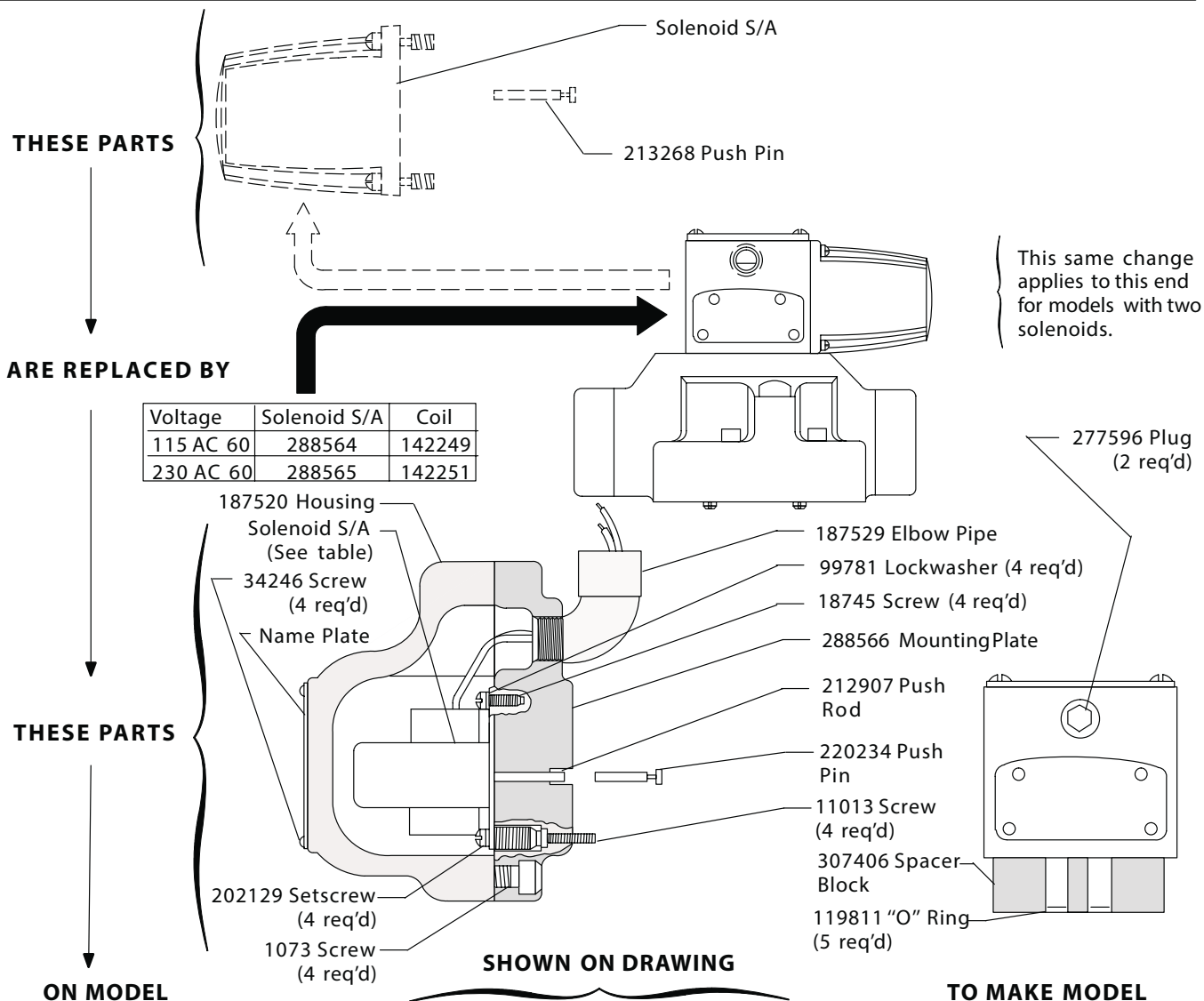


Directional Controls

ENGINEERING
TOMORROW

Directional Valves for Use in Hazardous Locations

XD*5S4-****-(*)-(*)-(E)-(T)-(*)-5*



-50 -51 -53/-54

DF5S4-16*A-50/53
 DF5S4-16*B-53
 DF5S4-16*C-50/53
 DF5S4-16*N-50/51/53
 DF5S4-06*A-50/51
 DF5S4-06*C-50/51
 DF5S4-06*D-50/51
 DF5S4-06*N-50/51
 DF5S4-10*A-50/51/53/54
 DF5S4-10*B-53/54
 DF5S4-10*C-50/51/53/54
 DF5S4-10*D-50/51/53/54
 DF5S4-10*N-50/51/53/54

I-3486-S
 I-3482-S
 I-3482-S
 I-3482-S
 I-3492-S
 I-3490-S
 I-3493-S
 I-3491-S
 I-3496-S
 I-3494-S
 I-3497-S
 I-3495-S
 I-3482-S
 I-3482-S
 I-3482-S
 I-3482-S
 I-3502-S
 I-3473-S
 I-3504-S
 I-3474-S
 I-3513-S
 I-3509-S
 I-3514-S
 I-3512-S

I-3622-S
 I-3622-S
 I-3622-S
 I-3622-S
 I-3624-S
 I-3624-S
 I-3624-S
 I-3625-S
 I-3624-S

XDF5S4-16*A-*-50/53
 XDF5S4-16*B-*-53
 XDF5S4-16*C-*-50/53
 XDF5S4-16*N-*-50/51/53
 XDF5S4-06*A-*-50/51
 XDF5S4-06*C-*-50/51
 XDF5S4-06*D-*-50/51
 XDF5S4-06*N-*-50/51
 XDF5S4-10*A-*-50/51/53/54
 XDF5S4-10*B-*-53/54
 XDF5S4-10*C-*-50/51/53/54
 XDF5S4-10*D-*-50/51/53/54
 XDF5S4-10*N-*-50/51/53/54

Model Code

X - D * 5S4 - ** * * (X) (*) - (*) - (E) - (T) - (*) - (AC**) - 5***

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1 Special

X - For use in hazardous area

2 Model

DG - Directional valve

3 Mounting

F - Flange connection
G - Subplate or manifold mounted

4 Model Style

5S4 - Solenoid controlled, pilot operated, sliding spool, 4-way flow direction

5 Series

06 - Series 60
10 - Series 100
16 - Series 160

6 Main Stage Spool Type

7 Spool/Sping Arrangement

A - Spring Offset
C - Spring Centered
D - Pressure Centered
N - No Spring Detented

8 Fast Response

X - For 100 series Pressure Centered models. "X" is available in the "A" pilot pressure range only.
Omit - Low shock model

9 Pilot Pressure Range

(100 series "D" Pressure Centered models only)
A - 300 to 1000 PSI
B - 1000 to 2000 PSI
Omit - 2000 to 3000 PSI

10 Spool Control Modifications

(Omit if not required.)
1 - Stroke adjustments
2 - Pilot choke
3 - Pilot choke & stroke adjustor
7 - Stroke adjustor "A" end only
8 - Stroke adjustor "B" end only

11 Internal Pilot Pressure

E - External pilot pressure
Omit - Internal pilot pressure

12 Drain

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

13 Check Valve

(Omit for no check valve.)
K - 5 PSI cracking pressure
L - 30 PSI cracking pressure
R - 50 PSI cracking pressure
S - 75 PSI cracking pressure

14 Voltage & Frequency

Omit - 115 AC 60 Std.

15 Design

50
51
53
54

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 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