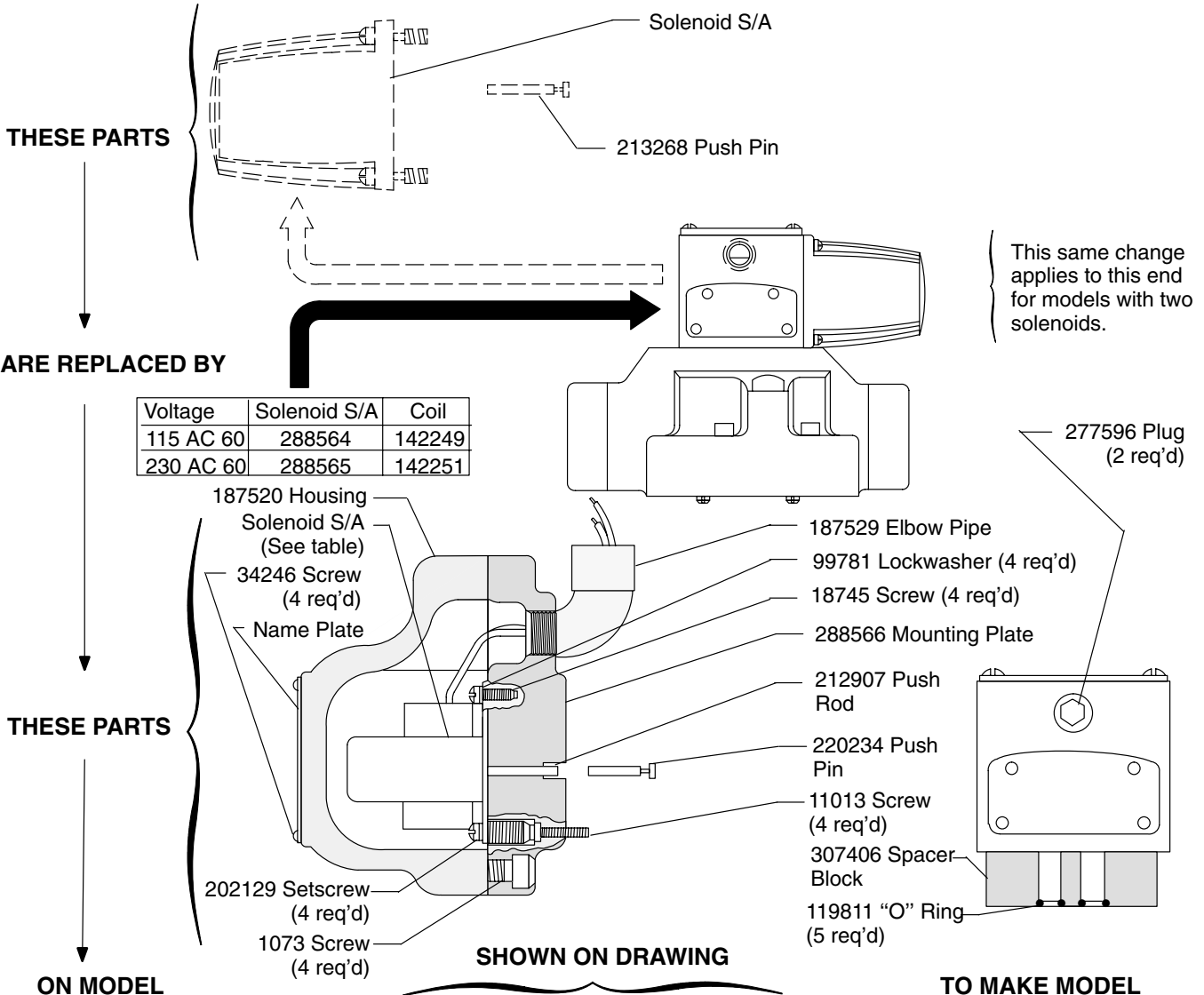


Directional Controls



Directional Valves for Use in Hazardous Locations

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



ON MODEL	-50	-51	-53/-54	TO MAKE MODEL
DF5S4-16*A-50/53	I-3486-S		I-3622-S	XDF5S4-16*A-*-50/53
DF5S4-16*B-53			I-3622-S	XDF5S4-16*B-*-53
DF5S4-16*C-50/53	I-3482-S		I-3622-S	XDF5S4-16*C-*-50/53
DF5S4-16*N-50/51/53	I-3482-S	I-3482-S	I-3622-S	XDF5S4-16*N-*-50/51/53
DF5S4-06*A-50/51	I-3492-S	I-3502-S		XDF5S4-06*A-*-50/51
DF5S4-06*C-50/51	I-3490-S	I-3473-S		XDF5S4-06*C-*-50/51
DF5S4-06*D-50/51	I-3493-S	I-3504-S		XDF5S4-06*D-*-50/51
DF5S4-06*N-50/51	I-3491-S	I-3474-S		XDF5S4-06*N-*-50/51
DF5S4-10*A-50/51/53/54	I-3496-S	I-3513-S	I-3624-S	XDF5S4-10*A-*-50/51/53/54
DF5S4-10*B-53/54			I-3624-S	XDF5S4-10*B-*-53/54
DF5S4-10*C-50/51/53/54	I-3494-S	I-3509-S	I-3624-S	XDF5S4-10*C-*-50/51/53/54
DF5S4-10*D-50/51/53/54	I-3497-S	I-3514-S	I-3625-S	XDF5S4-10*D-*-50/51/53/54
DF5S4-10*N-50/51/53/54	I-3495-S	I-3512-S	I-3624-S	XDF5S4-10*N-*-50/51/53/54

Model Code

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

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/Spring 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 Eaton OFF, OFR and OFRS filter series are recommended.

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