

ER XX - XX X X X X X - X XX - X X XX A - ETL

Valve Type
ER Rotary Style

Operation
15 2-Way, Solenoid Actuated, Direct Op Pilot Assisted
16 2-Way, Solenoid Actuated, Direct Operated
17 2-Way, Mechanically Latched, Direct Op Pilot Assisted
(Trip When Energized, Manual Reset)
18 2-Way, Mechanically Latched, Direct Operated
(Trip When Energized, Manual Reset)
19 2-Way, Heat Tripped, Direct Operated Pilot Assisted
(Trip When Hot, Manual Reset)
20 2-Way, Heat Tripped, Direct Operated
(Trip When Hot, Manual Reset)
21 3-Way, Solenoid Actuated, Direct Operated
22 3-Way, Mechanically Latched, Direct Operated
(Trip When Energized, Manual Reset)
27 2-Way, Electromag. Latched, Direct Op Pilot Assisted
(Trip When De-Energized, Manual Reset)
28 2-Way, Electromagnetically Latched, Direct Operated
(Trip When De-Energized, Manual Reset)
32 3-Way, Electromagnetically Latched, Direct Operated
(Trip When De-Energized, Manual Reset)

Connection Size
08 ½"
12 ¾"
16 1"
20 1¼"
24 1½"
32 2"
40 2½"
48 3"
64 4"

Connection Type
A NPT
B Socket Weld
C Butt Weld
D 150# MIL Flange
E 300# MIL Flange
F MIL Union
G 150# ANSI Flange
H 300# ANSI Flange
J 600# ANSI Flange
K Comm. Union
L 150# Flat Face Flange
M 300# Flat Face Flange
N SAE J1926/1
P Pipe Thread
Z Other

Body Material
1 Carbon Steel
2 316 SS
3 304 SS
4 Bronze
5 Monel
6 Alloy 20
7 Hastelloy
8 B61 Bronze
9 Aluminum

Piston Material
1 316 SS
2 303 SS
3 Monel
4 Alloy 20
5 Hastelloy
6 420 SS

Seat Material
X Integral
1 316 SS
2 Monel
3 Alloy 20
4 440C
5 Hastelloy
6 304 SS

Disc Material
X Piston Metal
1 Teflon
2 Viton
3 Buna-N
4 15% GF Teflon
5 Silicone
6 EPDM
7 Stellite

ETL
Cl I, Div 1,
Grps B-D
Hazardous
Locations

Solenoid Voltage
A1 24V AC
A2 120V AC
A3 240V AC
D2 24V DC
D4 48V DC
D6 125V DC
D7 250V DC

Solenoid Size
A 400 Series
B 800 Series

Solenoid Enclosure Rating
4 NEMA 4 Watertight
6 NEMA 6 Submersible
7 NEMA 7 Explosion Proof

Accessories
S Single Switch
X Single Switch Explosion Proof
M Dual Switch
Y Dual Switch Explosion Proof
L Locking Manual Override
T Terminal Box
H High Temperature (> 350°F)
V Vertical Pipe

ER	Action (3-Way)		
	W	S	U
21-22, 32	Diverting	Selecting	Universal

ER	Action (2-Way)	
	D	R
15-16	Energize to Open, Fail Closed	Energize to Close, Fail Open
17-20	Latched Open, Trip Closed	Latched Closed, Trip Open
27-28	Energize to Open, Trip Closed	Energize to Close Trip Open