

**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)

**ETL**  
 CI 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

**Connection Size**  
 08 ½"  
 12 ¾"  
 16 1"  
 20 1¼"  
 24 1½"  
 32 2"  
 40 2½"  
 48 3"  
 64 4"  
 96 6"

**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

**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

**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

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

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