



Electric Automated Ball Valve Package

Series FD9
ANSI 150# Flanged Ball Valve
Direct Mount



Full Port Valve
ANSI Class 150#
Available 1/2" – 6"
316SS or WCB Body
316SS Ball & Stem
Belleville Washers
Chevron Packing
RTFE Seats Standard
Pyramidal Stem Design

STANDARDS

Design	ANSI B 16.34
Face to Face	ANSI B 16.10
Flange Dimensions	ANSI B 16.5
Pipeline Valve	API 6D
Pressure Testing	API 598
Fire Testing	API 607 4th Edition, BS 5351
Mounting Pad	ISO 5211
Marking System for Valves	MSS SP-25
Material Certification	EN 10204
Quality Assurance	ISO 9001

**API 607 - 4th Edition
CERTIFIED**

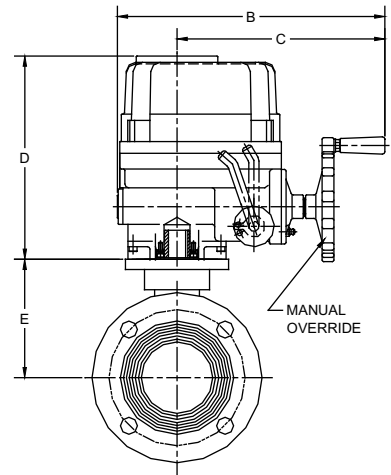
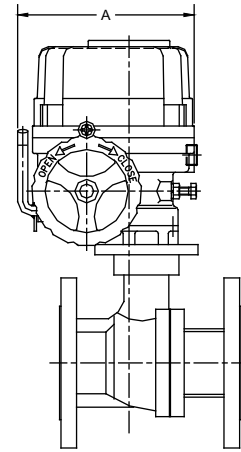


150# Flanged
Firesafe Tested to API-607
Direct Mount

DIMENSIONS (IN)

VALVE SIZE	A	B	C	D	E
1/4"	5.94	4.09	N/A	5.24	1.84
3/4"	5.94	4.09	N/A	5.24	2.02
1"	5.94	4.09	N/A	5.24	2.31
1-1/2"	5.94	4.09	N/A	5.24	3.51
2"	5.94	4.09	N/A	5.24	3.80
2-1/2"	9.02	13.31	10.43	10.55	4.57
3"	9.02	13.31	10.43	10.55	5.22
4"	10.20	14.49	11.26	11.42	6.18
6"	11.69	16.14	12.09	12.99	8.28

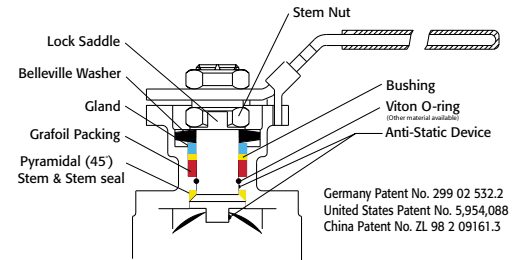
VALVE Cv
15
45
85
275
460
700
1100
2200
5150



SERIES FD9 150# Flanged Direct Mount Firesafe

ON-OFF	
SIZE	MODEL
1/2"	FD9-F1-050/WEA1-XX
3/4"	FD9-F1-075/WEA1-XX
1"	FD9-F1-100/WEA1-XX
1-1/2"	FD9-F1-150/WEA1-XX
2"	FD9-F1-200/WEA1-XX
2-1/2"	FD9-F1-250/WEC1-XX
3"	FD9-F1-300/WEC1-XX
4"	FD9-F1-400/WEE1-XX
6"	FD9-F1-600/WEH1-XX

MODULATING	
SIZE	MODEL
1/2"	FD9-F1-050/WEA2-XX
3/4"	FD9-F1-075/WEA2-XX
1"	FD9-F1-100/WEA2-XX
1-1/2"	FD9-F1-150/WEA2-XX
2"	FD9-F1-200/WEA2-XX
2-1/2"	FD9-F1-250/WEC2-XX
3"	FD9-F1-300/WEC2-XX
4"	FD9-F1-400/WEE2-XX
6"	FD9-F1-600/WEH2-XX



SAMPLE PART #
FD9C-F1-150/WEA1-XX

Firesafe
Valve Series
Denotes Carbon Steel
End Connection (150# Flanged)
Seat Material (RTFE Seats)
Valve Size (1-1/2")
Triac Actuator
Electric
Actuator Size
On-Off
Voltage
Feedback

OPTIONS

DESCRIPTION

24 VAC/24 VDC/220VAC
Feedback potentiometer

NOTE: Heater and thermostat standard
(2) auxiliary switches standard
Other options available - call for details
Actuators are sized based on clean/clear fluid.
See valve part number matrix for complete part number and options.



Triac Division
11363 Deerfield Rd.
Cincinnati, Ohio 45242
PHONE (513) 247-5465
FAX (513) 247-5462
e-mail: sales@a-tcontrols.com
www.a-tcontrols.com

Valve Options

Various Seat Materials

PTFE, RTFE, 50/50, 15% CFTE, Delrin PEEK, Hard Facing, UHMWPE, TFM-1600

Several hard face and metal-metal options

Gear Operators

Quarter-turn Gear Operators

Spring Return "Deadman" Handles

Oval handles, TEE Handles

Specials and Solutions

Steam Jackets

Stem Extensions

V-ported Control Valves

Multi-port Valve Solutions

Fugitive Emissions Bonnets (TSM's)

Oxygen Cleaning

Lockout Brackets

Vented Balls

"No Play" Mounting Kits

- **FM Approved Valves and Assemblies**



Triac Division
11363 Deerfield Rd.
Cincinnati, Ohio 45242

PHONE (513) 247-5465
FAX (513) 247-5462
e-mail: sales@a-tcontrols.com
www.a-tcontrols.com

050111-FD9

Other Products

Special Seats

Balls and Seal Designs



Steam Jacketed Valves



Floor Mounted Damper Drives



Limit Switches

Mounted on Manual Valves



Fusible Link Assemblies



180° Actuators



Lockout Mounting Kits



Stem Extensions



Special Multi-Port Valves



Dual Valve Assemblies

