

CONNECTION  
SIZE/TYPE

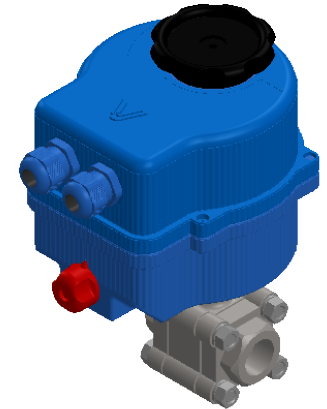
MANUAL OVER-RIDE  
KNOB

INDICATOR

PG11  
CONNECTIONS

MODE SELECTOR

\*APPEARANCE  
NOTE:  
1" TO 1.5" IS 4 LUG  
BODY (SHOWN)  
2" IS 6 LUG BODY  
2.5-3" IS 8 LUG  
BODY  
4" IS 16 LUG BODY



**VALVE NOTES:**

- FIRE SAFE API 607 6TH ED
- NACE MR0175
- (CARBON STEEL) 2220 PSI
- (STAINLESS) 21 60 PSI
- 1/4" THRU 2"
- 1500 PSI 2-1/2" TO 4"
- OPTIONAL V-BALL
- CLASS 900 1/4"-2"
- CLASS 600 2-1/2"-UP
- SOCKET AND BUTT WELD AVAILABLE
- OPTIONAL SEATS ARE DELRIN, PEEK, AND TFM

**ACTUATOR NOTES:**

- 1P-67 HOUSING, ABS STD.
- ALUMINUM OPTIONAL
- TEMP RANGE: -4F TO 131F
- 2 INTERNAL LIMIT SWITCHES
- STD MODEL SHOWN, 4-20mA
- POSITIONING AVAILABLE
- VISUAL POSITION INDICATOR
- MANUAL OVER RIDE

**OPTION NOTES:**

- VALVE:
- \*-3FF:
- 3FF = STAINLESS STEEL
- C3FF = CARBON STEEL
- ACTUATOR:
- E\*\*\*:
- E115V = 115/220 VAC
- E024D = 24V AC/DC
- E012 = 12VDC

**DIMENSIONAL DATA**

PART NUMBER	SIZE- NPT	A	B	C	Cv	ACTUATOR
E***-3F22-2	1/4	2.61	4.84	7.38	8.5	VB015
E***-3F22-3	3/8	2.61	4.84	7.38	8.5	VB015
E***-3F22-4	1/2	2.75	4.84	7.46	21	VB015
E***-3F22-6	3/4	3.62	6.18	9.48	50	VB030
E***-3F22-8	1	4.13	6.18	9.72	90	VB030
E***-3F22-10	1- 1/4	4.37	7.28	10.90	110	VB060
E***-3F22-12	1-1/2	4.88	7.28	11.21	240	VB060
E***-3F22-16	2	5.90	8.31	12.68	400	VB110
E***-3F22-20	2- 1/2	6.49	8.31	13.27	700	VB190
E***-3F22-24	3	7.68	8.74	13.87	980	VB350
E***-3F22-32	4	9.64	N/A	N/A	1700	C/F

CALL OR E-MAIL FOR METAL HOUSING ACTUATORS OR DIFFERENT SEAT MATERIALS

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DRAWING NAME:

ELECTRIC ACTUATED 3F22 SERIES FIRE SAFE  
2-WAY FULL PORT BALL VALVES

MATERIAL: --	<b>A</b>	DRAWING NUMBER: E-ACT-S3F22-SERIES	REV. 1
SCALE: N.T.S.	NAME: MCH	DATE: 6/14/2023	