

Model 346 External Emergency Valves

SPECIFICATION SHEET

The Morrison Fig. 346 Series External Emergency Valve is designed for installation at the outlet of an AST or in a liquid transfer line where product flow must be stopped in the event of a fire. The flanges on the 346FDI models conform to ANSI B16.42 specifications for class 150 raised face ductile iron flanges. Cold non-shock pressure rating is 200 P.S.I. W.O.G. for sizes ¾" to 3" and 250 P.S.I. W.O.G. for the 4". Ductile iron valves are painted green.

I.D Number	A	B	C	D	E	F	G	H	I	J	K	L
346FDI0200 AV	2	F	DI	TFE	DI	DI	165	4	6.25	6.5		15.0
346FDI0300 AV	3	F	DI	TFE	DI	DI	165	4	8.53	8.63		29.40
346FDI0400 AV	4	F	DI	TFE	DI	DI	165	8	11.75	11.5		72.0
346DI-1000 AV	¾		DI	TFE	DI	DI	165		5	6.94	I	7.30
346DI-1100 AV	1		DI	TFE	DI	DI	165		5	6.94	I	7.30
346DI-1200 AV	1¼		DI	TFE	DI	DI	165		5	6.94	I	7.0
346DI-0400 AV	1½		DI	TFE	DI	DI	165		5	5.44		6.80
346DI-0500 AV	2		DI	TFE	DI	DI	165		5	5.44		6.20
346DI-0600 AV	3		DI	TFE	DI	DI	165		7	8.32		15.50
346SS-1000 AV	¾		SS	TFE	SS	SS	165		5	6.94	SS	8.60
346SS-1100 AV	1		SS	TFE	SS	SS	165		5	6.94	SS	8.60
346SS-1200 AV	1¼		SS	TFE	SS	SS	165		5	6.94	SS	8.50
346SS-0100 AV	1½		SS	TFE	SS	SS	165		5	5.44		8.0
346SS-0200 AV	2		SS	TFE	SS	SS	165		5	5.44		7.0

SPECIFICATION OPTIONS:

- A—Size: In Inches
- B—Mounting Connection: Flanged (F) or Female NPT (Blank)
- C—Body / Cap Material: Ductile Iron (DI) or 316 Stainless Steel (SS)
- D—Gasket Material: Teflon (TFE)
- E—Poppet: Ductile Iron (DI) or 316 Stainless Steel (SS)
 - O-ring: Teflon Encapsulated Fluorocarbon Elastomer
 - Spring: 302 Stainless Steel
 - Seal Nut/Plug: 303 Stainless Steel
 - Handle: Brass
 - Fulcrum Shaft: 303 Stainless Steel
 - Groove Pin: Steel
 - Hold Open Hook: Stainless Steel
- F—Lever Arm: Ductile Iron (DI) or 316 Stainless Steel (SS)
- G—Fuse Link: 165° F STD. (212°F Optional); Fuse Link is UL Listed & Factory Mutual Listed
- H—Number of Bolt Holes
- I—Height of Valve (Inches)
- J—Length of Valve (Inches)
- K—Reducing Bushings: Iron (I) or 316SS (SS)
- L—Shipping Weight (lbs.)

Companion flanges, flange gaskets, nuts, bolts and washers available.



Model 346FDI



Model 346DI



Model 346SS

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