

Fig. 346 External Emergency Valves Specification Sheet

DESCRIPTION

The Morrison Fig. 346 Series External Emergency Valve is 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. Fig. 346 flanged external emergency valves 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 1.5", 2", 3" and 250 P.S.I. W.O.G. for the 4". Ductile iron valves are painted green and stainless steel valves are painted blue for designation purposes.



SPECIFICATION / DETAIL OPTIONS

- A - Size: In inches
- B - Mounting Connection: Flanged (F) or Female (Blank)
- C - Body / Cap Material: Ductile Iron (DI) or Stainless Steel (SS)
- D - Gasket Material: PTFE (TFE)
- E - Poppet: Ductile Iron (DI) or Stainless Steel (SS)
 O-ring: PTFE Encapsulated Fluorocarbon Elastomer
 Spring: Stainless Steel
 Seal Nut/Plug: Stainless Steel
 Handle: Brass
 Fulcrum Shaft: Stainless Steel
 Groove Pin: Steel
 Hold Open Hook: Stainless Steel
- F - Lever Arm: Ductile Iron (DI) or Stainless Steel (SS)
- G - Fuse Link: 165° F STD. (212°F Optional)
- H - Height of valve (inches)
- I - Length of valve (inches)
- J - Bolt Circle Diameter: (Flanged only) in inches
- K - Shipping Weight (lbs.)

I.D. NUMBER	A	B	C	D	E	F	G	H	I	J	K
346FDI0200 AV	2	F	DI	TFE	DI	DI	165	3.18	6.5	4.75	15
346FDI0300 AV	3	F	DI	TFE	DI	DI	165	4.37	8.63	6	27
346FDI0400 AV	4	F	DI	TFE	DI	DI	165	7.25	11.5	7.5	71
346DI-0400 AV	1.5		DI	TFE	DI	DI	165	3.18	5.44		4.5
346SS-0100 AV	1.5		SS	TFE	SS	SS	165	2.78	5		6
346DI-0500 AV	2		DI	TFE	DI	DI	165	3.18	5.44		6.5
346SS-0200 AV	2		SS	TFE	SS	SS	165	3	5.5		7
346DI-0600 AV	3		DI	TFE	DI	DI	165	4.37	8.31		15
346FSS0200 AV	2	F	SS	TFE	SS	SS	165	6	6.5	4.75	8