4” Aluminum Flat Seat Emergency Valve – Manual – Straight

Betts flat seat style emergency valves combine Betts quality with an economical design. Valves feature aluminum construction with a specially designed seat disc to provide positive sealing. Shear section tested per TTMA RP84 and meets 49CFR178.345-8.

Cable operated valves are supplied with a universal lever arm which provides up to 8 cable travel options to work with most operators. Lever arm is “E” Coated to provide exceptional corrosion resistance.

Assembly Number	Outlet	Wt.
EV46423AL*	4" Grooved	8.9
EV46543AL*	4" Flanged	8.9

*Replace asterisk in part number to designate seal material.

Example Assembly

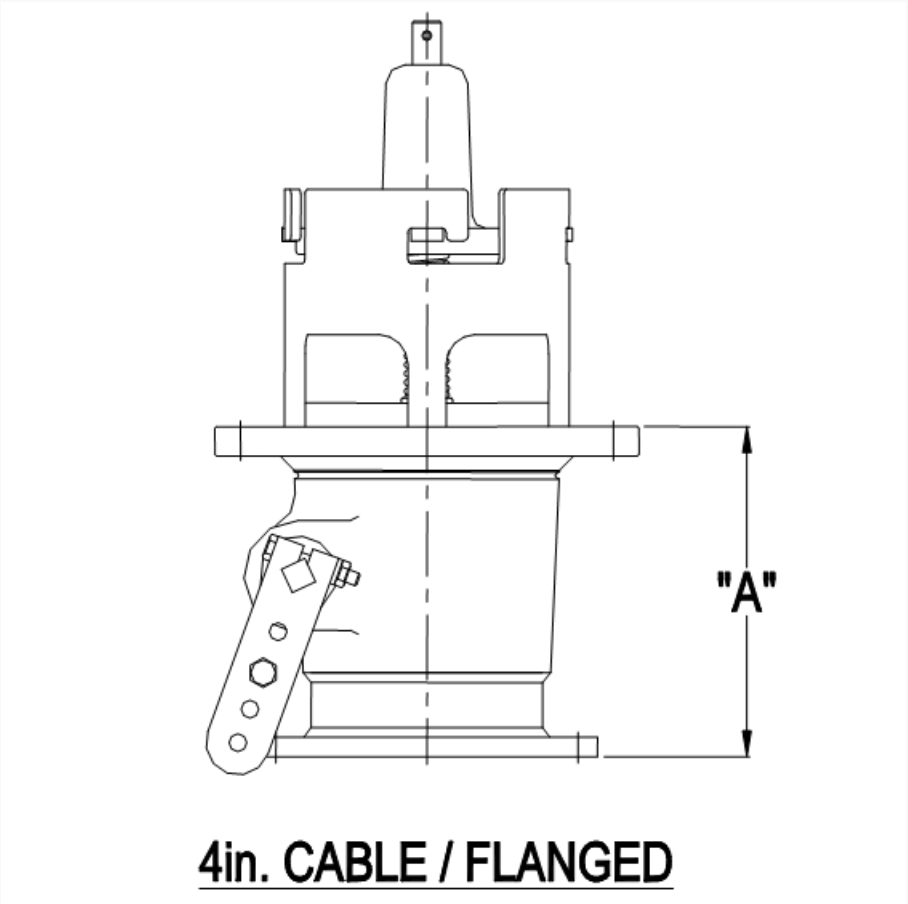
EV46423ALB

(4″ Aluminum Flat Seat Emergency Valve - Manual - Straight)

Specify Viton seals by substituting "V" for "B" in Assembly Number

Force rating from TTMA RP86: 4" Valves Fb-max=10,000 lb.

CAUTION: Never bottom load through emergency valves without first opening valve. Failure to do so may result in damage to the tank and/or valve.



Assembly Number	Dims. A	Inlet Flange B.C.	Inlet Flange Holes	Outlet Flange B.C.	Outlet Flange Holes
EV46423AL*	A: 6.38" 7.25"	8-9/16	N.A.	N.A.	
EV46543AL*	A: 6.38" 7.25"	8-9/16	8-7/16	8-7/16	

Left-hand valves are available with air cylinder or cable lever arm on opposite side of valve as shown at right. Add suffix –005 for left-hand option. Add suffix –004 for optional screen.

4″ Valves are available with Stainless Trim, add suffix 010.

EB-01-12: Water Flow Rates of Betts Emergency Valves

EB3-00: MAWP and Bursting Pressure Ratings for Betts Valves

EB-02-03: Cable Emergency Valve System Schematic

⚠ **WARNING**: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov. For additional information on Betts products and Proposition 65 list please see: http://www.bettsind.com/prop-65/