3” Flat Seat Aluminum Emergency Valve – External Air – 90 Degree Elbow

- Air Operated
- Groove or Flange Outlet
- Buna Urethane or Viton Seals

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.

Air operated valves are provided with an external air cylinder to help prevent gasoline or other products from contaminating the air supply. The air cylinder is hard-coated aluminum with a polished stainless steel shaft Cylinders have 1/8” NPT port for air connection and are supplied with a fusible plug installed.

Assembly Number	Outlet	Wt.	Dimensions	Inlet Flange	Outlet Flange
EV46672AL*	3" Grooved	10.5lb	**A:** 3.50"	**B.C.:** 6.25"	**B.C.:** N.A.
			B: 6.06"	**Holes:** 6-9/16	**Holes:** N.A.
EV46670AL*	3" Flanged	10.5lb	**A:** 3.50"	**B.C.:** 6.25"	**B.C.:** 4.88"
			B: 4.50"	**Holes:** 6-9/16	**Holes:** 8-7/16

***Replace asterisk in part number to designate seal material.**

Example Assembly

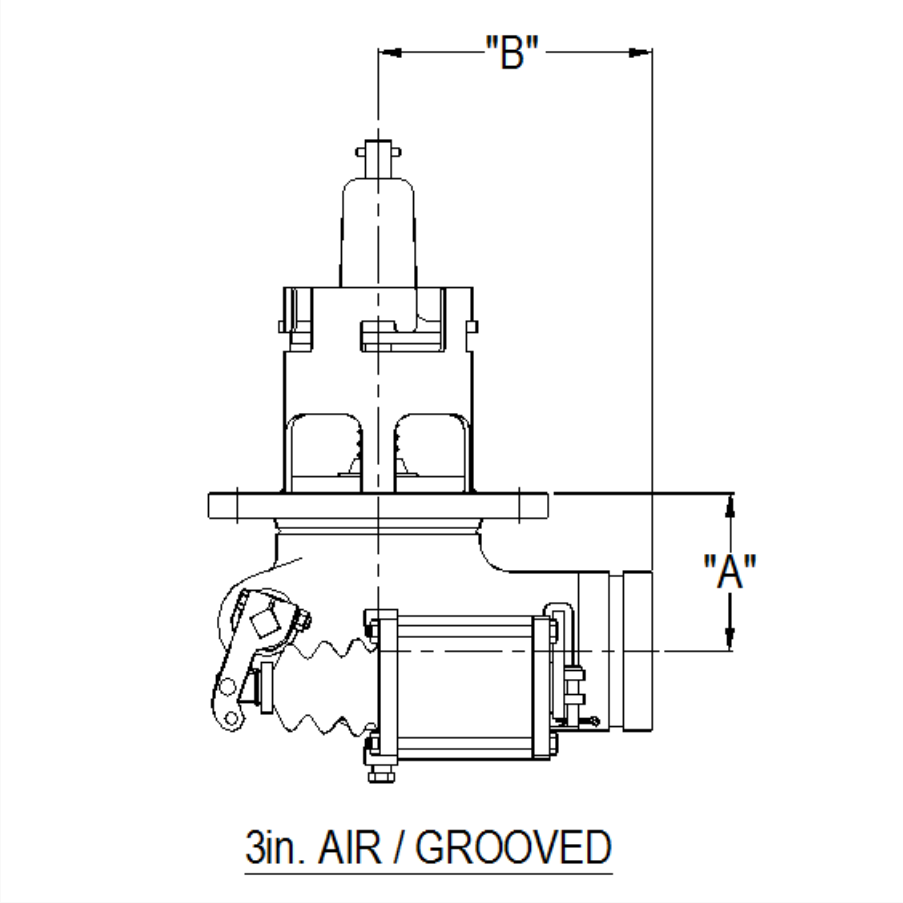
EV46672ALB

(3" Flat Seal Aluminum – Cable – 90-degree elbow – Grooved Outlet)

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

Force rating from TTMA RP86: 3" Valves Fb-max=21,035 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.



Replacement Air Actuator (Cylinder)

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

EB1-03: Air Emergency Valve System