

CHECK VALVE

4" MODEL CVB-1

Groove/Groove



Listed by: Underwriters Laboratories Inc.
Underwriters Laboratories of Canada
Approved by: Factory Mutual

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“ASTRA” 4” SWING CHECK VALVE MODEL CVB-1 RATED - 250 P.S.I. WORKING PRESSURE

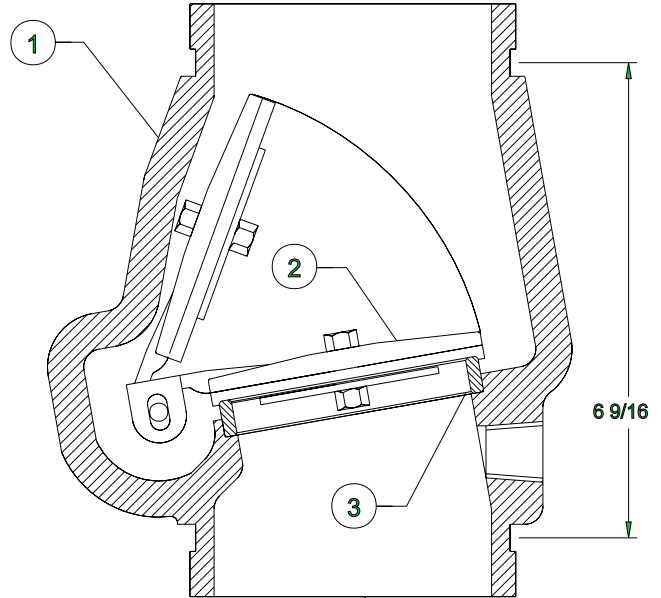
DESCRIPTION AND OPERATION

The Astra Model CVB-1 Grooved Ends Swing Check Valve has a lightweight high density cast iron body and solid bronze rubber faced swing clapper. The grooved ends make for a clean, fast, and easy installation using only lubricant and a socket wrench. This type of connection provides for expansion and contraction allowance, joint deflection to compensate for misalignment, and an installed cost savings of 10% to 30%.

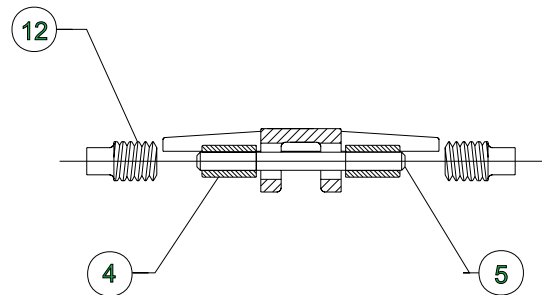
The Astra Model CVB-1 Check Valves are designed for installation in the water piping of fire protection systems, where the working pressure does not exceed 250 psi. The check valves are gravity operated and can be installed in a vertical or horizontal position. The Model CVB-1 Check Valve is installed with standard steel pipe with cut grooves, or lightwall steel pipe with rolled grooves, using two standard rubber-gasketed grooved couplings. A 1/2" NPT connection is provided at the bottom of the check valve inlet for a 1/2" ball drip available upon request..

Parts list

ITEM	Part No.	DWG No	DESCRIPTION
1	CV-10-1	CVB 4004	Body
2	CV-10-4	CV 4006	Clapper
3	CV-10-7	CV 4015	Water seat
4	CV-10-8	CV 4014	Bushing
5	CV-10-9	CV 4013	Clapper pin
6	CV-10-11	CV 4010	Bolt
7	CV-10-12	CV 4010	Nut
8	CV-10-13	CV 4010	Lockwasher
9	CV-10-14	CV 4007	Seal retainer
10	CV-10-15	CV 4009	O' Ring
11	CV-10-16	CV 4008	Clapper gasket
12		CV 4012	Plug



4" Check Valve Model CVB-1	
Face to face	8 3/16"
Weight	20 lbs.



Technical Data	
Friction loss	1.3 P.S.I. @ 600 G.P.M.

