

Cast Iron Check Valve

Wafer Style, Double Door, Aluminum Bronze Disc, Class 125

F-591



FEATURES

- Aluminum Bronze Disc
- Stainless Steel Stem

CERTIFICATIONS/APPROVALS

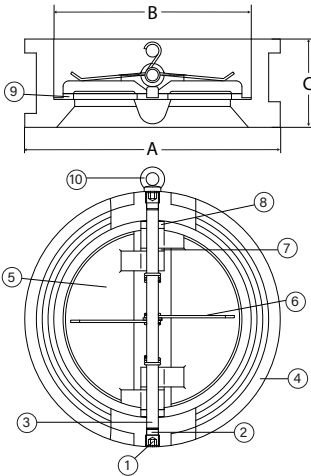
- ANSI B16.1
- Lead Free Compliant

PRESSURE/TEMPERATURE RATING

- Class 125
- 14°F - 176°F

Install 5 pipe diameters minimum downstream from pump discharge or changes in direction to avoid flow turbulence. Flow straighteners may be required in extreme cases.

Note: On pump discharge, the preferred check valves are: inline, spring assisted, center-guided, lift checks.



MATERIALS

No.	Part	Material
1	Screw	Carbon Steel
2	Sealing Ring	NBR
3	Shaft	316 Stainless Steel
4	Body	Cast Iron - A126 B
5	Disc	Aluminum Bronze - C95400
6	Spring	316 Stainless Steel
7	Gasket	PTFE
8	Gasket	PTFE
9	Seat	NBR
10	Lifting Ring (For 8" and above)	Carbon Steel

DIMENSIONS

Part No	Size	Weight	A	B	C	Cv	Vertical Cracking Pressure (PSI)	Horizontal Cracking Pressure (PSI)
105-925	2-1/2"	11	4.84	3.15	1.81	120	0.04	0.03
105-903	3"	13	5.59	3.7	2.52	226	0.04	0.03
105-904	4"	20	6.18	4.61	2.52	404	0.04	0.03
105-906	6"	33	8.58	6.69	2.99	1075	0.04	0.03
105-908	8"	62	10.55	8.82	3.5	1920	0.04	0.03
105-910	10"	56	12.91	10.43	4.49	3360	0.17	0.15
105-912	12"	90	14.76	12.2	4.49	5320	0.17	0.15