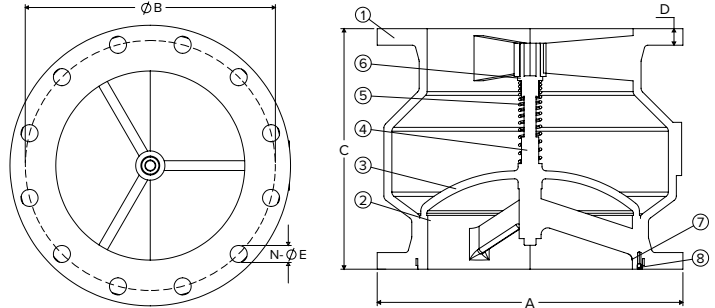


Ductile Iron Silent Check Valve

Globe Style, Stainless Steel Disc, Class 150

F-695



FEATURES

- Can be installed in Vertical or Horizontal Positions
- Stainless Steel Stem
- Stainless Steel Disc
- Flow Direction Indicator

CERTIFICATIONS/APPROVALS

- MSS SP-125
- ASME/ANSI Class 150 (compatible with Class 125)

PRESSURE/TEMPERATURE RATING

14°F - 230°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.

DIMENSIONS

Part No	Size	A	B	C	D	E	Bolt Torque	Vertical Cracking Pressure (PSI)	Horizontal Cracking Pressure (PSI)	Cv
114-702	2"	5.91	4.75	5.24	0.63	4-5/8	25-75	0.68	0.49	120.00
114-725	2 1/2"	7.09	5.50	5.51	0.69	4-5/8	25-75	0.45	0.29	130.00
114-703	3"	7.48	6.00	5.98	0.75	4-5/8	25-75	0.42	0.27	160.00
114-704	4"	9.06	7.50	7.28	0.75	8-5/8	25-75	0.42	0.27	275.00
114-705	5"	10.04	8.50	8.50	0.75	8-3/4	30-90	0.41	0.27	452.00
114-706	6"	11.02	9.50	9.02	0.75	8-3/4	30-90	0.66	0.51	639.00
114-708	8"	13.58	11.75	10.12	0.79	8-3/4	30-90	0.43	0.28	1110.00
114-710	10"	15.94	14.25	15.47	0.87	12-7/8	45-150	0.51	0.35	1720.00
114-712	12"	19.09	17.00	14.25	0.98	12-7/8	62-200	0.51	0.32	2490.00
114-714	14"	21.06	18.75	15.75	1.38	12-1	80-250	0.65	0.39	3450.00
114-716	16"	23.43	21.25	17.64	1.46	16-1	90-300	0.68	0.40	4480.00
114-718	18"	25.00	22.75	18.74	1.57	16-1/8	100-350	0.86	0.51	5700.00
114-720	20"	27.56	25.00	20.63	1.65	20-1/8	120-450	0.66	0.31	7000.00
114-724	24"	32.09	29.50	24.02	1.93	20-1/4	150-500	0.63	0.25	10050.00

MATERIALS

No.	Part	Material
1	Body	Ductile Iron - A536
2	Seat	CF8 Stainless Steel + EPDM
3	Disc	CF8 Stainless Steel
4	Stem	304 Stainless Steel
5	Spring*	316 Stainless Steel
6	Bushing	Aluminum Bronze - C83600
7	Ball	316 Stainless Steel
8	Screw	304 Stainless Steel

* = 304 Stainless Steel on 18" - 24"