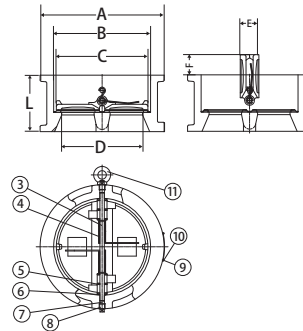


Check Valve

Ductile Iron, Wafer Style, Dual-Plate, Stainless Steel Disc, Class 125

F-592



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.

FEATURES

Two Torsion Springs Activate Each Set of Valve Plates
 Quick-Close Action Prevents the Medium Flowing Back
 Easy Installation onto Either Vertical or Horizontal Pipeline

CERTIFICATIONS/APPROVALS

NSF/ANSI/CAN 61
 NSF/ANSI 372
 Complies with API 594 Standard
 ASME B16.1

PRESSURE/TEMPERATURE RATING

14°F - 185°F
 Class 125

MATERIALS

No.	Part	Material
1	Body	A536 Ductile Iron + EPDM
2	Disc	A351 Stainless Steel
3	Stem	316 Stainless Steel
4	Spring	316 Stainless Steel
5	Washer	PTFE
6	Gasket	PTFE
7	Sealing	EPDM/NBR
8	Plug	304 Stainless Steel
9	Name Plate	304 Stainless Steel
10	Reviet	-
11	Left Ring	A1035 Chromium

DIMENSIONS

Part No	Size	øA	øB	øC	øD	L	E	F	Wall Thickness	CV	Vertical Cracking Pressure (PSI)	Horizontal Cracking Pressure (PSI)
105-525	2 1/2"	4.843	3.15	2.874	2.323	2.362	0.866	0.492	0.335	120	0.04	0.03
105-503	3"	5.315	3.701	3.386	2.756	2.638	1.024	0.472	0.413	226	0.04	0.03
105-504	4"	6.85	4.606	4.173	3.455	2.638	1.339	0.906	0.492	404	0.04	0.03
105-506	6"	8.701	6.693	6.181	5.276	3.74	1.496	1.594	0.571	1075	0.04	0.03
105-508	8"	10.984	8.583	8.11	7.165	5	1.654	1.791	0.61	1920	0.04	0.03
105-510	10"	13.346	10.433	9.921	8.661	5.512	2.126	2.598	0.728	3360	0.17	0.15
105-512	12"	16.102	12.205	11.65	10.236	7.126	2.362	2.52	0.787	5320	0.17	0.15