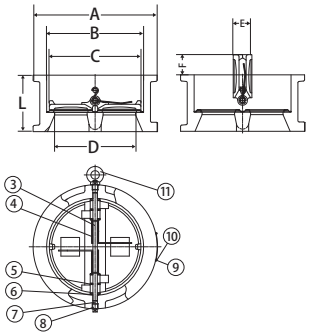
Cast Iron Check Valve

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

F-592



FEATURES

Stainless Steel Disc
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/CAN 372
Complies with API 594 Standard
ASME B16.1

PRESSURE/TEMPERATURE RATING

14°F - 185°F
Class 125

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	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

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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