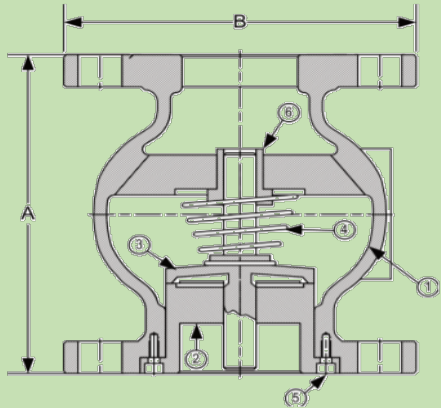




150 ANSI CARBON STEEL/316SS BODY GLOBE STYLE SILENT CHECK VALVES

MODEL: CHK-150 CS/SS



Recommended Application:

Check Valves are used to prevent water hammer and flow reversal in pipelines. Suitable for use for oil and gas production, general industry, chemical, petrochemical, power plants. These valves can be installed vertically or horizontally. The bodies are oversized to allow for a lower pressure drop

Features:

Fully automatic spring assisted disc enables a silent shut off, while the center guided design creates a positive shutoff prior to flow reversal, which greatly reduces water hammer and slamming in the pipeline. The standard machined metal to metal seats ensure a tight seal that meets or exceeds API 598 leakage requirements. Fabrotech can supply, as an option, resilient seats, which will also provide bubble tight seals.

Limitations:

These check valves are not recommended for steam service, or use in flow where the media contains solids. We strongly suggest a Fabrotech strainer before the check valve to remove debris from the line. These valves are designed for "steady" flow conditions, and not for use with reciprocating pumps.

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	BODY	Carbon steel (Gr. WCB)/Stainless Steel (Gr. CF8M)
2	SEAT	Stainless steel (ASTM A351, Gr. CF8M)
3	DISC	Stainless steel (ASTM A351, Gr. CF8M)
4	SPRING	Stainless steel (ASTM A351, Gr. CF8M)
5	CAP SCREW	Stainless steel (ASTM A351, Gr. CF8M)
6	BUSHING	Stainless steel (ASTM A351, Gr. CF8M)

DIMENSIONS & WEIGHTS APPROXIMATE
(Apply for certified drawings)

SIZE	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500
A	in	6.25	7.12	7.55	8.5	9.5	10.5	12.0	14.0	18.0	19.5	21.0	22.5	24.0
(FACE TO FACE)	mm	159	182	192	216	241	267	305	356	457	495	533	572	610
B	in	6.0	7.0	7.5	9.0	10.0	11.0	13.5	16.0	19.0	21.0	23.5	25.0	27.5
(FLANGE DIAMETER)	mm	152	178	191	229	254	279	343	406	483	533	597	635	699
C	in	4.63	5.77	6.63	8.62	10.0	11.13	15.84	17.69	21.25	24.0	26.5	29.0	32.75
(BODY DIAMETER)	mm	118	147	168	219	254	283	402	449	540	610	673	737	832
WEIGHTS (lbs)	lb	15.2	22.2	30.0	49.0	59.75	80.0	138.0	165.0	310.0	420.0	593.0	690.0	970.0
	kg	6.3	10.1	13.6	22.2	27.1	36.3	62.4	74.8	140.6	190.5	268.2	312.1	438.8
Flow Coefficient	Cv	65	C/F	150	265	C/F	600	1100	1800	2500	3100	4800	6100	7800
CRACKING PRESS.	psi	≤.5	≤.5	≤.5	≤.5	≤.5	≤.5	≤.5	≤.5	≤.5	≤.5	≤.5	≤.5	≤.5

FABROTECH INDUSTRIES, INC.

2089 NINTH AVENUE, RONKONKOMA, NEW YORK 11779

TEL: (631) 467-2040 FAX: (631) 467-2196 e-mail: info@fabrotech.com

www.fabrotech.com