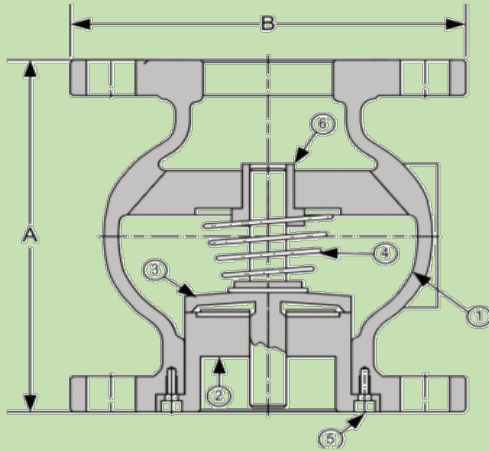




150 ANSI DUCTILE IRON BODY GLOBE STYLE SILENT CHECK VALVES

MODEL: CHK-150-DI



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	DUCTILE IRON (ASTM A536)
2	SEAT	ALUMINUM BRONZE (ASTM B148)
3	DISC	ALUMINUM BRONZE (ASTM B148)
4	SPRING	300 SERIES STAINLESS STEEL
5	CAP SCREW	300 SERIES STAINLESS STEEL
6	BUSHING	BRONZE

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	7.0	7.5	8.5	9.5	10.5	13.5	16.25	20.25	22.75	24.75	22.5	24.0
(FACE TO FACE)	mm	159	178	191	216	241	267	343	413	514	578	629	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	153	178	191	229	254	280	343	406	483	533	597	635	699
C	in	4.625	5.75	6.625	8.625	10.0	11.125	15.84	17.687	21.25	23.95	25.875	29.0	32.75
(BODY DIAMETER)	mm	117	146	168	219	254	283	402	449	540	608	657	737	832
WEIGHTS (lbs)	lb	14.0	24.0	27.5	44.0	C/F	83.0	145.0	220.0	344.0	453.5	593.0	695.5	963.0
	kg	6.4	10.9	12.5	20.0	C/F	37.6	65.8	99.8	156.0	205.7	269.0	315.5	436.8
Flow Coefficient	Cv	65	105	150	265	410	600	1100	1800	2500	3100	4300	5000	6300
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