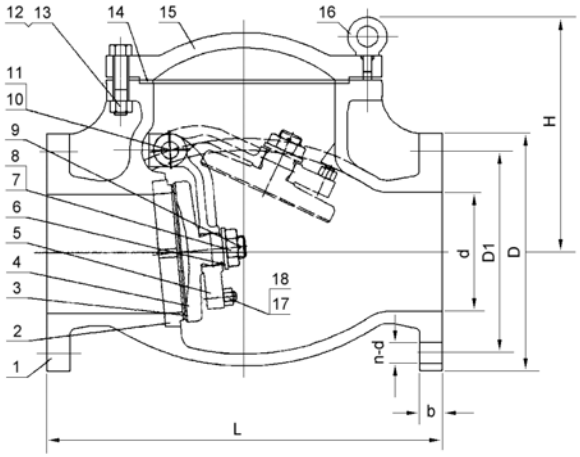
KVC Industries Corp.

ANSI CLASS 125 CAST IRON SWING CHECK VALVE

FIG. 278-CI-125 Class 125, Flanged ends, bolted cover, Cast Iron body & cover, Bronze trim.

Flange dimensions: ANSI B16.1
Face-to-Face dimensions: ANSI B16.10
Testing & Design: MSS-SP-71



Materials:

No.	Part Name	Specification
1	Body	ASTM A126B
2	Seat ring	ASTM B62
3	Disc seal ring	ASTM B62
4	Disc	ASTM A126B
5	Hinge	ASTM A216 WCB
6	Washer	Carbon steel
7	Nut	Carbon steel
8	Stud	Carbon steel
9	Split pin	304SS
10	Hinge pin	13Cr
11	Plug	ASTM A536
12	Bolt	ASTM A307
13	Nut	Carbon steel
14	Cover gasket	Graphite & steel
15	Cover	ASTM A126B
16	Eye screw	Carbon steel
17	Adjusting screw	Carbon steel
18	Nut	Carbon steel

Dimensions:

Size		L		D		D1		b		n-d	H		Weight	
in	mm	in	mm	in	mm	in	mm	in	mm	in	in	mm	lb	kg
2	50	8	203	6	152	4¾	121	⅝	15.9	4 - ¾	6	152	30	13.6
2½	65	8½	216	7	178	5½	140	11/16	17.5	4 - ¾	6⅜	162	50	22.7
3	80	9½	241	7½	190	6	152	¾	19	4 - ¾	6⅞	175	55	25
4	100	11½	292	9	229	7½	191	15/16	23.8	8 - ¾	8⅝	219	86	39.1
5	125	13	330	10	254	8½	216	15/16	23.8	8 - ⅞	8⅞	225	130	59.1
6	150	14	356	11	279	9½	241	1	25.4	8 - ⅞	10	254	154	70
8	200	19½	495	13½	343	11¾	298	1⅛	28.6	8 - ⅞	11¾	298	279	127
10	250	24½	622	16	406	14¼	362	1 3/16	30.2	12 – 1	14 13/16	376	407	185
12	300	27½	699	19	483	17	432	1¼	31.8	12 – 1	16⅛	410	594	270
14	350	31	787	21	533	18¾	476	1⅜	34.9	12 - 1⅛	17½	445	829	377
16	400	36	914	23½	597	21¼	540	1 7/16	36.5	12 - 1⅛	19¾	502	1148	522
18	450	36	914	25	635	22¾	578	1 9/16	39.7	16 - 1¼	27½	699	1727	785
20	500	40	1016	27½	699	25	635	1 11/16	42.9	20 - 1¼	29¼	743	2596	1180
24	600	48	1219	32	813	29½	749	1⅞	47.6	20 - 1⅜	33¼	845	3520	1600

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