

Class	Fig. No.
125	578

DESIGN FEATURES:

- **Renewable** discs.
- **Integral** seats.
- **Valves** can be used in a horizontal or vertical position; however, when installed in a vertical line, flow must be upward with pressure under the disc.
- **Each** valve is shell and seat pressure tested per industry standard MSS SP-80.

STANDARD MATERIALS

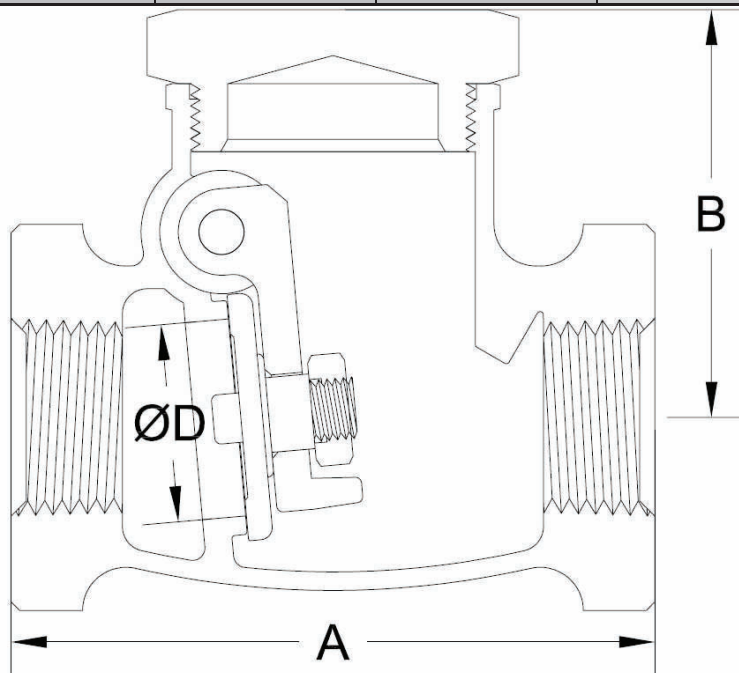
PART	MATERIALS
Body	B62
Cap	B62
Disc	B62
Disc Nut	Brass
Carrier	B124 C37700
Carrier Pin	SST 304

Design Specifications

Item	Applicable Specification
Pressure - temperature ratings	MSS SP-80
General valve design	MSS SP-80
Thread design	ASME B1.20.1
Materials	ASTM

SWING CHECK VALVE DIMENSIONS (CLASS 125).

SIZE	FIG 578				
in	A	B	D	WT	lb
mm					kg
¼	1.88	1.3	0.25	0.4	2.4
6	48	33	10	0.2	
¾	1.88	1.3	0.38	0.5	2.4
10	48	33	10	0.2	
½	2.25	1.5	0.50	0.7	4.1
13	58	37	13	0.3	
¾	2.63	1.7	0.75	1.0	9.1
20	66	43	19	0.5	
1	3.00	1.9	1.00	1.6	16.4
25	76	49	25	0.7	
1¼	3.44	2.3	1.25	2.3	30
32	88	58	32	1.0	
1½	4.25	2.5	1.50	3.0	40
40	108	63	39	1.4	
2	5.25	2.8	2.00	6.0	75
50	134	72	50	2.7	



WT = Weight
C_v = Flow Coefficient