



### General Specification

Used in one-way flow pipelines to prevent back flow, in both vertical or horizontal applications

Maximum working pressure: 350 psi

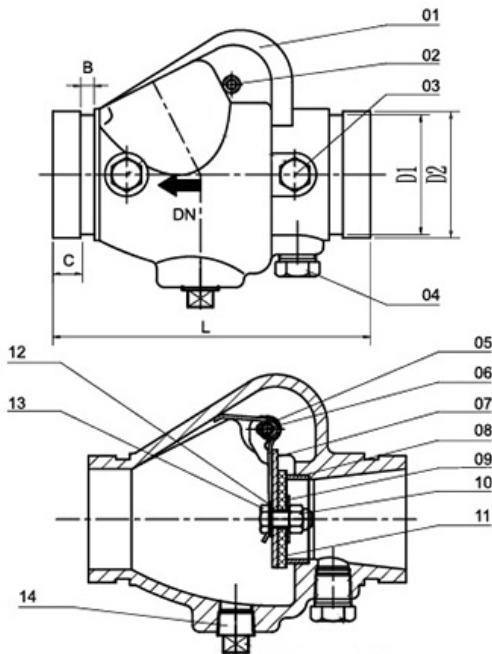
Testing pressure: 700 psi

Grooved ends standard: ANSI/AWWA C606-04

Coating: internal & external electrostatic epoxy coated

### Material specifications

No.	Part	Specification	American standard
1	Body	Ductile iron	ASTM A536, 65-45-12
2	Bolt	Steel 1045	ASTM A29
3	Plug	Steel 1045	ASTM A29
4	Plug	Steel 1045	ASTM A29
5	Spring	Stainless Steel 304	ASTM A276
6	Hinge Pin	Stainless Steel 304/Ductile Iron	ASTM A276/536, 65-45-12
7	Clapper	Stainless Steel 304	ASTM A276
8	Seat	C95400	ASTM A148
9	Clamping ring	Stainless Steel 304	ASTM A276
10	Locknut	Stainless Steel 304	ASTM A276
11	Facing Seal	EPDM	ASTM D2000
12	Gasket	EPDM	ASTM D2000
13	Ball	Stainless Steel 304	ASTM A276
14	Plug	Steel 1045	ASTM A29



ITEM SIZE	L	D1	D2	B	C
2"	169	57.15	60.3	7.95	15.88
2-1/2"	181	69.09 72.26	73 76.1	7.95	15.88
3"	198	84.94	88.9	7.95	15.88
4"	214	110.08	114.3	9.53	15.88
5"	248	135.48 137.03	139.7 141.3	9.53	15.88
6"	270	160.78 163.96	165.1 168.3	9.53	15.88
8"	325	211.6 214.4	216.3 219.1	11.13	19.05
10"	457	268.3	273	12.7	19.05
12"	535	318.3	323.9	12.7	19.05



UL EX16384

FM 1210