

350 PSI Flanged Swing Check Valve

Model TF-SCV-F350

Flanged End

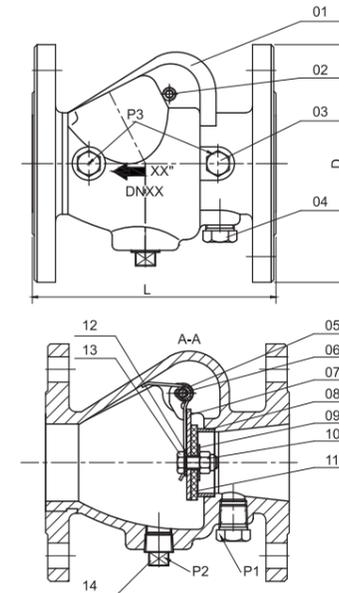
Technical Features

- Flange Standard: ASME/ANSI B 16.1 Class 125
ASME/ANSI B 16.42 Class 150
BS EN 1092-2 PN 16
GB / T9113.1
- Sizes: 2", 2½", 3", 4", 5", 6", 8", 10", 12"
- Approvals: UL, FM
- Maximum Working Pressure: 350PSI
- Maximum Testing Pressure: 700PSI
- Pressure conforms to UL 312 / FM class 1210
- Working Temperature Range: 0~80°C / 32~176°F
- Coating Details: Epoxy coated or coating upon request
- Applications: Used in one-way flow pipeline to prevent the water from back flow



Valve Material List

NO.	Name	Material	Standard
1	Valve 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/ASTM A536 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	Bolt	Stainless Steel 304	ASTM A276
14	Plug	Steel 1045	ASTM A29



Dimensions

Size	L	D	P1			P2				P3		
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14
2"	169	152	½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ½-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	¾-18NPT	½-14NPT
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14
2½"	181	178	½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ½-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	¾-18NPT	½-14NPT
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14
3"	198	191	½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ½-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	¾-18NPT	½-14NPT
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14
4"	214	229	½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ½-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	¾-18NPT	½-14NPT
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14
5"	248	254	½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ½-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	¾-18NPT	½-14NPT
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14
6"	270	280	½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ½-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	¾-18NPT	½-14NPT
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14
8"	325	343	½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ½-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	¾-18NPT	½-14NPT
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14
10"	457	406	½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ½-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	¾-18NPT	½-14NPT
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14
12"	535	483	½-14NPT	½-14NPT	¾-14NPT	1-11.5NPT	1 ½-11.5NPT	1 ½-11.5NPT	2-11.5NPT	¼-18NPT	¾-18NPT	½-14NPT
			Rc½-14	Rc½-14	Rc¾-14	Rc1-11	Rc1 ½-11	Rc1 ½-11	Rc2-11	Rc¼-19	Rc¾-19	Rc½-14