



Fig. SCV-601 (ANSI150)
 SCV-602 (JIS10K)
 SCV-603 (PN10)
 SCV-604 (PN16)



SPECIFICATION

- Designed and Manufacture : JIS B2031.
- Face to Face dimensions : ASME B16.10, JIS B2002.
- Pipe flange and flange ends : ASME B16.1, JIS B2210.

FEATURE AND APPLICATION

1. Swing type design.
2. Prevent reverse flow automatically designed.
3. Flange end connection.
4. For General and Industrial Service.
5. Water, Oil, Gas and Steam.

MATERIALS

NO.	NAME OF PARTS	MATERIAL
1	Body	Cast Iron (A126, FC200, GG25)
2	Bonnet	Cast Iron (A126, FC200, GG25)
3	Seat seal ring	Cast Bronze (B62)
4	Arm	Ductile Iron (A395, FCD450, GGG50)
5	Disc	Ductile Iron (A395, FCD450, GGG50)
6	Bolt	Carbon Steel (SS400)
7	Nut	Carbon Steel (SS400)
8	Pin	SUS304 (CF8, SCS13)

PERFORMANCE

Application	Max.Working Pressure & Temperature	Test
Water & Oil	200 psi. (14 bar) 120°C	- Hydrostatic shell test 25bar
Gas	100 psi. (7 bar) 120°C	- Hydrostatic seat test 15bar
Saturated Steam	70 psi. (5 bar) 120°C	- Air test 6 bar

DIMENSIONS

Unit : mm

SIZE inch.	H	L				JIS10K			ANSI150			PN10			PN16		
		JIS10K	ANS150	PN10	PN16	D	C	N	D	C	N	D	C	N	D	C	N
2"	127	203	203	203	203	155	120	4	152	121	4	165	125	4	165	125	4
2.1/2"	151	216	216	216	216	175	140	4	178	140	4	185	145	4	185	145	4
3"	165	241	241	241	241	185	150	8	191	152	4	200	160	8	200	160	8
4"	178	292	292	292	292	210	175	8	229	191	8	220	180	8	220	180	8
5"	205	356	330	356	356	250	210	8	254	216	8	250	210	8	250	210	8
6"	221	410	410	410	410	280	240	8	279	241	8	285	240	8	285	240	8
8"	249	495	495	495	495	330	290	12	343	299	8	340	295	8	340	295	12
10"	306	622	622	622	622	400	355	12	406	362	12	395	350	12	405	355	12
12"	405	698	698	698	698	445	400	16	483	432	12	445	400	12	460	410	12