



### Specification Standards :

- Designed as Pressure -Temperature Rating : JIS B2201
- Face to face dimensions : JIS B2002
- Pipe Flanges and Flanged ends : JIS B2210

### Features :

- Flanged End Connections
- 2-Piece Design
- Blow - out proof stem
- Floating Ball Design
- Full Port
- Lever Handle Operation
- Adjustable Stem Packing
- Note :  
- Virgin PTFE or Carbon - filled PTFE (Reinforced - PTFE) (Carbon Filled) are available up on request

### Application

- For General and Industrial Services
- Applicable Medium : Water, Oil & Steam
- Max working : 10 kgf/cm<sup>2</sup>
- Max working temperature : -10 °C + 180 °C

### Materials

Part	JIS materials	
	SCS13A	SCS14A
Body	SCS13A	SCS14A
Cap	SCS13A	SCS14A
Stem	SCS13A	SCS14A
Ball	SCS13A	SCS14A
Gland	SCS13A	SCS14A
Gland packing	PTFE	
Ball seat	PTFE	
Gasket	PTFE	
Thrust washer	PTFE	
Handle	FC200	

### Test Requirements

- Test and Inspection API6D
- Hydrostatic
  - Shell test 30 kgf/cm<sup>2</sup> (30 bar)
  - Seat test 20 kgf/cm<sup>2</sup> (20 bar)
- Air test 6 kgf/cm<sup>2</sup> (6 bar)

### Dimensions

	mm												
Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"
W	115	115	150	150	200	200	320	320	450	800	800	940	940
L	108	117	127	140	165	178	190	203	229	356	394	457	533
H	55	59	70	97	97	106	141	150	183	230	250	356	453
D	95	100	125	135	140	155	175	185	210	250	280	330	400
CV(Factor)	33.2	59	92.2	151.1	236.1	308.9	623.5	944.4	1475.6	2305.7	3320.2	5902.5	9222.7
Torque(N.M.)	8	8.9	13.5	17.5	20	39	76	95.5	148	260	306	700	1600
Wt(Kg)	2	2.4	4	5.2	6.6	9	13.6	15.5	27.35	46.2	57.8	104	153