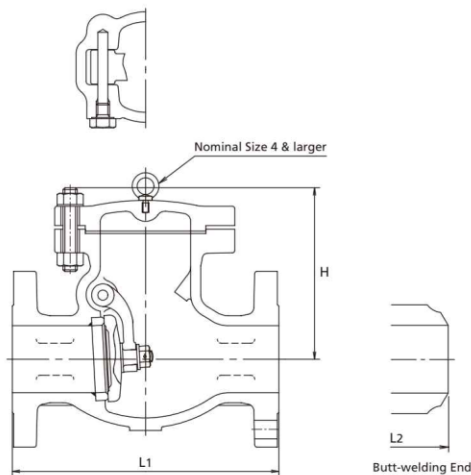


Bolted cover, Swing type disc.



300SCOS

Fig	End Connections
300SCOS	RF-flanged ends.
W300SCOS	Butt-welding ends.

Standard materials of parts

Parts	Materials
Body	ASTM A216 Gr.WCB
Cover	ASTM A105/A216 Gr. WCB
Disc	13Cr/Carbon Steel+13Cr
Disc nut	ASTM A194 Gr.8
Body seat ring	Carbon Steel+HF*
Cover bolt/nut	ASTM A193 Gr.B7/A194 Gr.2H
Arm	ASTM A216 Gr.WCB
Gasket	See Page 6
Plug	ASTM A576 Gr.1045

*Hard facing with Co-Cr-W Alloy.

Note: Refer to Page 5&6 for standard seat material and construction.

Dimensions

Nominal Size		1½	2	2½	3	4	5	6	8	10	12	14	16	18	20	24	28	30
		40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	750
L ₁	in	9.50	10.50	11.50	12.50	14.00	15.75	17.50	21.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00	59.00	62.75
	mm	241	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346	1499	1594
L ₂	in	—	10.50	11.50	12.50	14.00	15.75	17.50	21.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00	59.00	62.75
	mm	—	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346	1499	1594
H	in	5.5	6.5	7.5	8.1	9.1	9.8	11.0	13.0	14.6	16.3	19.3	21.4	23.0	25.4	34.1	36.6	38.4
	mm	155	164	190	205	230	250	280	330	370	415	491	543	584	645	865	930	975