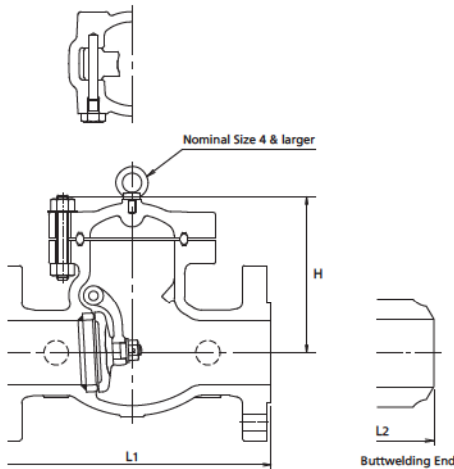


Cast Carbon Steel Check Valve

Bolted cover, Swing type disc.

Class 600



600SCOS

Fig	End Connections
600SCOS	RF-flanged ends.
W600SCOS	Butt-welding ends.

Standard materials of parts

Parts	Materials
Body	ASTM A216 Gr.WCB
Cover	ASTM 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

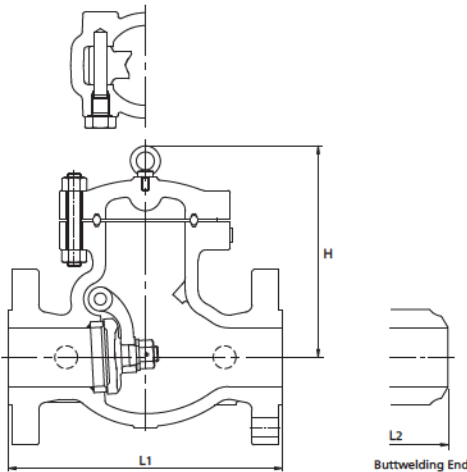
*Hard facing with Co-Cr-W Alloy.
Note: Refer to Page 3&6 for standard seat material and construction.

Dimensions

Nominal Size	2		2½		3		4		6		8		10		12		14		16		18		20		24	
	50		65		80		100		150		200		250		300		350		400		450		500		600	
L1	in	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00												
	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397												
L2	in	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00												
	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397												
H	in	7.1	7.8	8.7	10.1	12.5	14.0	16.3	17.7	21.9	23.7	25.0	27.8	33.7												
	mm	180	210	220	256	353	378	435	487	576	641	661	733	886												

Bolted cover, Swing type disc.

Class 900



900SCOS

Fig	End Connections
900SCOS	RF-flanged ends.
W900SCOS	Butt-welding ends.

Standard materials of parts

Parts	Materials
Body	ASTM A216 Gr.WCB
Cover	ASTM A216 Gr.WCB
Disc	ASTM A216 Gr.WCB+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 3&6 for standard seat material and construction.

Dimensions

Nominal Size	3		4		6		8		10		12		14		16		18		20	
	80		100		150		200		250		300		350		400		450		500	
L1	in	15.00	18.00	24.00	29.00	33.00	38.00	40.50	44.50	48.00	52.00									
	mm	381	457	610	737	838	965	1029	1130	1219	1321									
L2	in	15.00	18.00	24.00	29.00	33.00	38.00	40.50	44.50	48.00	52.00									
	mm	381	457	610	737	838	965	1029	1130	1219	1321									
H	in	11.5	13.6	17.5	20.7	24.4	28.3	31.3	34.6	37.5	41.0									
	mm	292	346	444	526	620	720	794	880	952	1042									