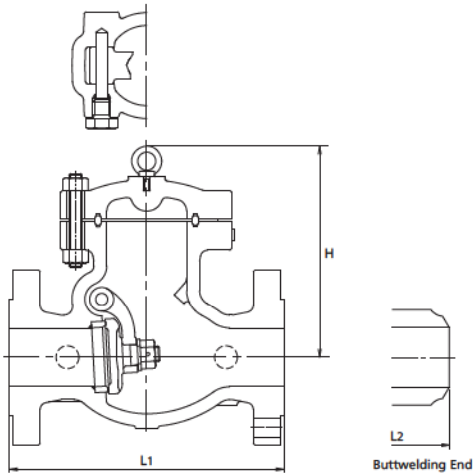


Cast Carbon Steel Check Valve

Bolted cover, Swing type disc.



1500SCOS

Fig	End Connections
1500SCOS	RF-flanged ends.
W1500SCOS	Butt-welding ends.

Standard materials of parts

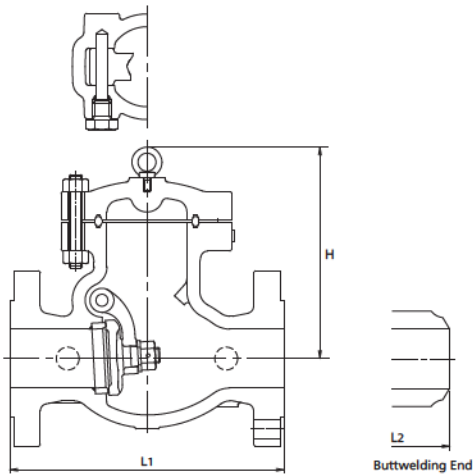
Parts	Materials
Body	ASTM A216 Gr.WCB
Cover	ASTM A216 Gr.WCB
Disc	ASTM A216 Gr.WCB+13Cr
Disc nut	ASTM A194 Gr.8
Body seat ring	Carbon Steel+HF*
Cover bolt/nut	ASTM A193 Gr.B7/A194 Gr.2H
Arm	ASTM A216 Gr.WCB
Gasket	See Page 6
Plug	ASTM A576 Gr.1045

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

Dimensions

Nominal Size	2		2½		3		4		6		8		10		12		14		16		
	50		65		80		100		150		200		250		300		350		400		
L ₁	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50	49.50	54.50										
	mm	368	419	470	546	705	832	991	1130	1257	1384										
L ₂	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50	49.50	54.50										
	mm	368	419	470	546	705	832	991	1130	1257	1384										
H	in	11.4	12.4	13.7	15.4	20.3	25.6	29.0	34.4	37.6	42.6										
	mm	292	316	347	391	515	650	737	875	955	1082										

Bolted cover, Swing type disc.



2500SCOS

Fig	End Connections
2500SCOS	RF-flanged ends.
W2500SCOS	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	2		2½		3		4		6	
	50		65		80		100		150	
L ₁	in	17.75	20.00	22.75	26.50	36.00				
	mm	451	508	578	673	914				
L ₂	in	17.75	20.00	22.75	26.50	36.00				
	mm	451	508	578	673	914				
H	in	13.2	15.2	15.7	17.7	22.8				
	mm	335	385	400	450	580				