



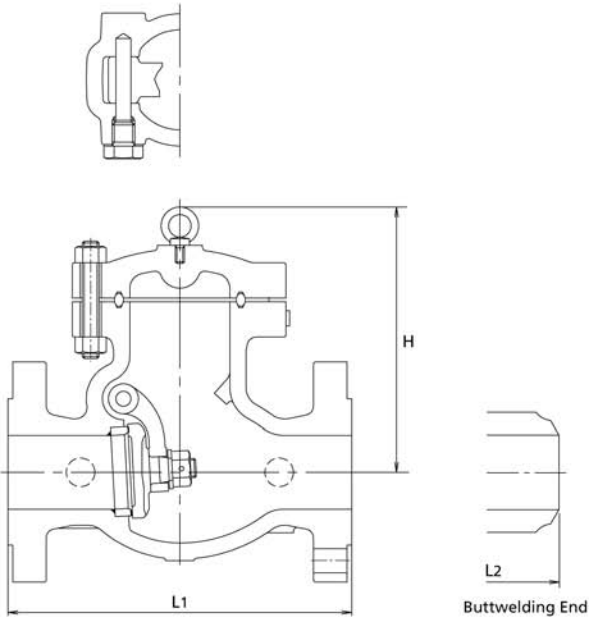
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Cast Carbon Steel Check Valve  
Swing Type, Design - API 594, Wall Thickness - API 600, Bolted Cap,  
RFF per B16.5, BW per B16.25, LEV - 100 PPM max.,  
Body Materials - ASTM A216, A217, A352

Class **2500**

## Cast Carbon Steel Check Valve

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	
L1	in	17.75	20.00	22.75	26.50	36.00				
	mm	451	508	578	673	914				
L2	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				