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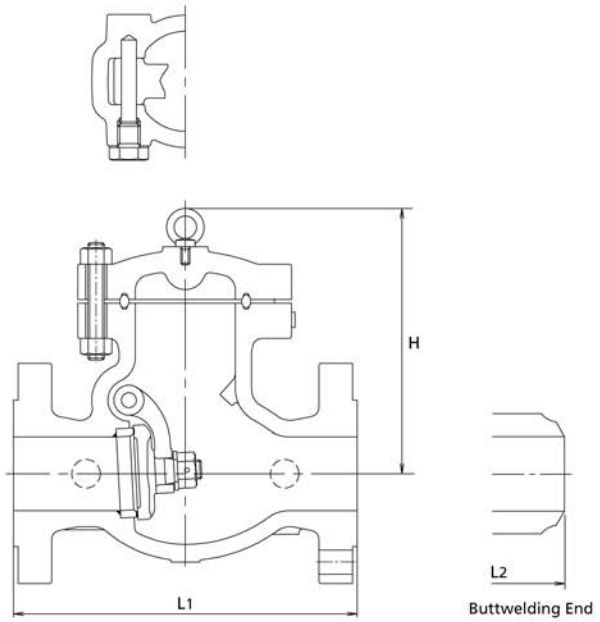
Cast Carbon Steel Check Valve
Swing Type, Design - API 594, Wall Thickness - API 600, Bolted Cap,
RFF per B16.5, BW per B16.25, LEV - 100 PPM max.,
Body Materials - ASTM A216, A217, A352

Class 1500 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	2 1/2	3	4	6	8	10	12	14	16
		50	65	80	100	150	200	250	300	350	400
L1	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
L2	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	290	316	347	391	515	650	737	875	955	1082