



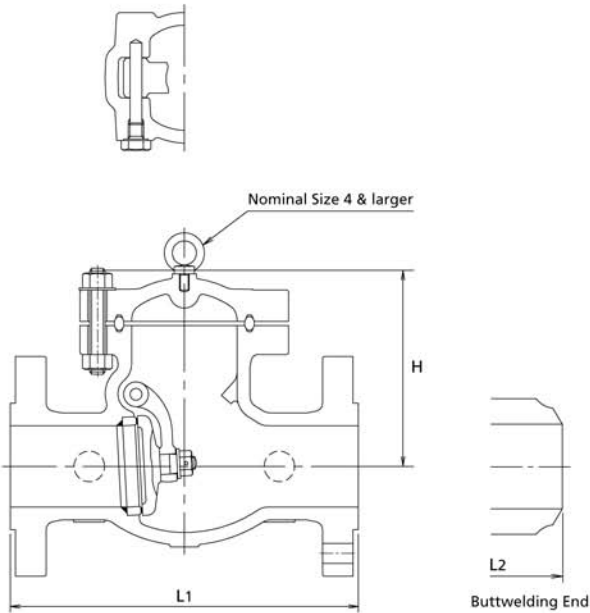
KITZ Corporation Of America
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Cast Carbon Steel Check Valve
Swing Type, Design - API 594, Wall Thickness - API 600, Bolted Cap,
RFF per B16.5, BW per B16.25, LEV - 100 PPM max.,
Body Materials - ASTM A216, A217, A352

Class **600**

Cast Carbon Steel Check Valve

Bolted cover, Swing type disc.



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 A105 (1 1/2 - 12) ASTM A216 Gr.WCB (14 and larger)
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	5	6	8	10	12	14	16	18	20	24
		50	65	80	100	125	150	200	250	300	350	400	450	500	600
L1	in	11.50	13.00	14.00	17.00	20.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00
	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397
L2	in	11.50	13.00	14.00	17.00	20.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00
	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397
H	in	7.1	7.8	8.7	10.1	11.5	12.5	14.0	16.3	17.7	21.9	23.7	25.0	27.8	33.7
	mm	180	197	220	256	292	318	356	415	450	556	601	635	707	856