



FORGED STEEL PISTON CHECK VALVE

SM830CS/SM830CT

FEATURES

- Class 800
- Conventional Port
- Threaded Ends
- Socket Weld Ends
- Bolted Bonnet
- NACE MR-0175



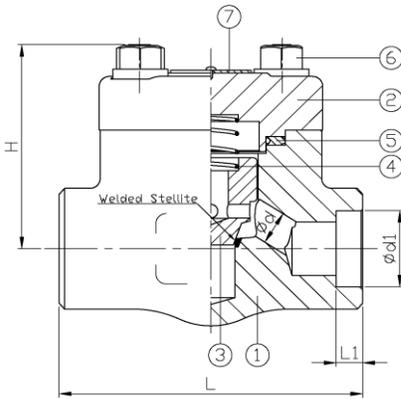
APPLICABLE STANDARDS

- Basic Design API 602 & ASME B16.34
- Threaded ANSI B1.20.1
- Socket Weld ANSI 16.11
- Test and Inspection to API 598

Materials of Construction

Item	Part	Material Spec
1	Body	ASTM A105N + Stellite
2	Bonnet	ASTM A105N
3	Disc	ASTM A276-420
4	Spring	SS 316
5	Gasket	304 + Graphite
6	Bolt	ASTM A193-B7
7	Nameplate	Aluminum

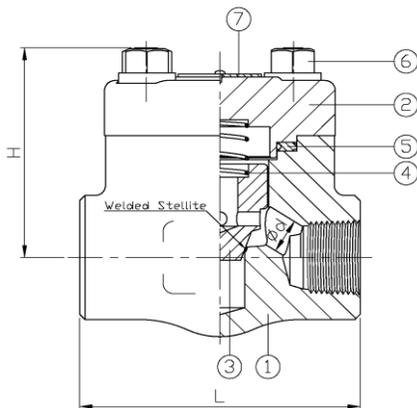
SM830CS -Socket Weld



SM830CS - Socket Weld Dimensions (Inches)

Size	d	d1	L	L1	H	Weight (lb)
1/4"	0.27	0.56	3.11	0.39	2.28	3.30
3/8"	0.27	0.69	3.11	0.39	2.28	3.30
1/2"	0.37	0.86	3.11	0.39	2.28	3.30
3/4"	0.49	1.07	3.62	0.51	2.28	3.70
1"	0.69	1.33	4.37	0.51	2.95	5.80
1-1/4"	0.93	1.68	4.72	0.51	3.35	8.40
1-1/2"	1.12	1.92	5.98	0.51	3.82	9.90
2"	1.44	2.41	6.77	0.65	4.25	16.80

SM830CT - Threaded



SM830CT -Threaded Dimensions (Inches)

Size	d	L	H	Weight (lb)
1/4"	0.27		2.28	3.30
3/8"	0.27	3.11	2.28	3.30
1/2"	0.37	3.11	2.28	3.30
3/4"	0.49	3.62	2.28	3.70
1"	0.69	4.37	2.95	5.80
1-1/4"	0.93	4.72	3.35	8.40
1-1/2"	1.12	5.98	3.82	9.90
2"	1.44	6.77	4.25	16.80

The information presented on this sheet is correct at the time of publication. Service Metal reserves the right to change design, and/or material specifications without notice.



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