

# Series 24834SC & 24836SC

## Forged Swing Check Valve

### Features

- Class 800
- Socket weld ends carbon steel or 316L stainless steel
- Threaded ends carbon Steel or 316 stainless steel
- Bolted bonnet
- NACE MR-0175
- Applicable Standards
  - Basic Design API 602
  - Socket Weld ANSI 16.11
  - Threaded ANSI B1.20.1
  - Test API 598

### Technical Information

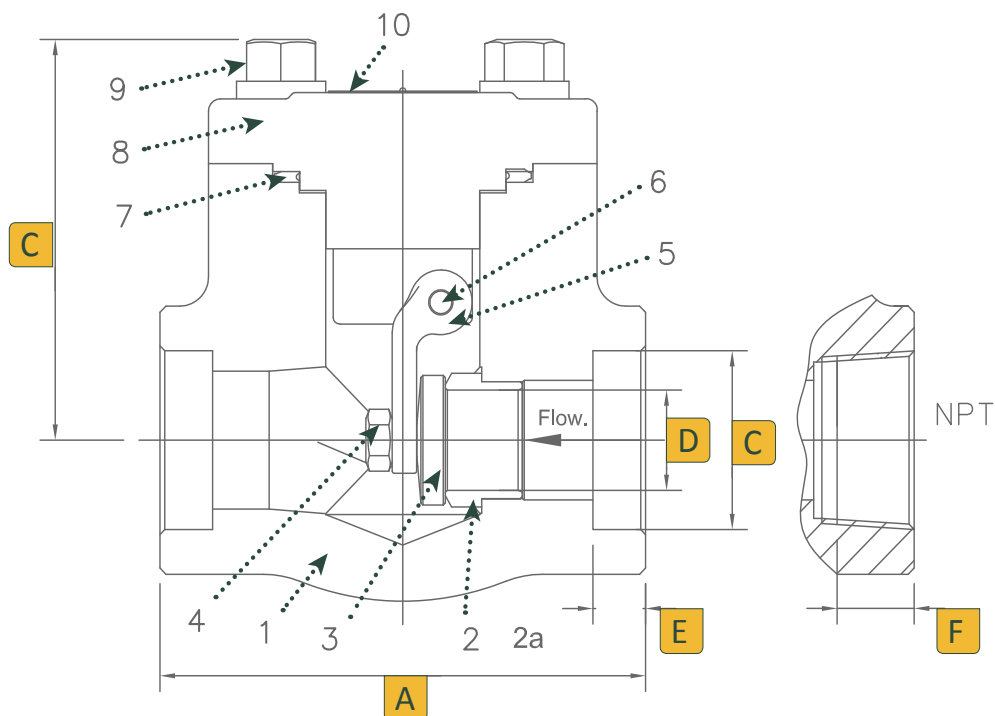
Size	Cv	Weight
1/4	5	3.6
3/8	6	3.3
1/2	9	3.3
3/4	10	4.0
1	22	5.6
1-1/4	55	9.3
1-1/2	59	9.3
2	82	16.1

Temperature °F	316L Pressure psi	316 Pressure psi	Carbon Pressure psi
-20 to 100	1600	1920	1975
200	1350	1655	1800
300	1210	1495	1750
400	1100	1370	1690
500	1020	1275	1595
600	960	1205	1460
650	935	1185	1430
700	915	1150	1420
750	895	1130	1345
800	875	1105	1100
850	860	1080	-
900	-	1050	-
950	-	1030	-
1000	-	970	-



Valves, Automation & Controls





Dimensions (Inches)

Size	A	B	C	D	E	F
1/4	3.11	2.40	0.55	0.39	0.39	0.40
3/8	3.11	2.40	0.69	0.39	0.39	0.43
1/2	3.11	2.40	0.85	0.51	0.39	0.53
3/4	3.58	2.40	1.07	0.51	0.51	0.55
1	4.37	3.07	1.33	0.71	0.51	0.69
1-1/4	4.72	3.23	1.68	0.94	0.51	0.71
1-1/2	4.72	4.02	1.92	1.14	0.51	0.72
2	5.51	4.72	2.40	1.44	0.63	0.76

No.	Part Name	Qty	Material
1	Body	1	316L Stainless Steel ASTM A182 or 316 Stainless Steel ASTM A182 or Carbon Steel ASTM A105
2	Seat Ring	1	316 Stainless Steel or 410 Stainless Steel*
2A	Seat	1	Stellite
3	Disc	1	316 Stainless Steel or 410 Stainless Steel*
4	Nut	1	8M Steel ASTM A194 or 2HM Steel ASTM A194*
5	Swing Arm	1	316 Stainless Steel or 410 Stainless Steel*
6	Dowel	1	316 Stainless Steel or 410 Stainless Steel*
7	Gasket	1	316 + Graphite or 304 + Graphite*
8	Cover	1	316L Stainless Steel or Carbon Steel ASTM A105*
9	Body Bolt	1	B8M Steel ASTM A193 or B7M Steel ASTM A193*
10	Name Plate	1	Aluminum

\* Used on Carbon Steel Valves

## Ordering

Fig: 1/2 - 24836SC - TE

Description: 1/2" - 316 Stainless Steel Series 24836SC - Threaded Ends

Size	Series / Body	Ends
1/4	24834SC Carbon Steel (Trim 8)	TE Threaded
3/8	24836SC Stainless Steel (Trim 12)	SW Socket Weld
1/2		
3/4		
1		
1-1/4		
1-1/2		
2		