

Building connections that last™



# Series SC301

Three-Piece 316  
Stainless Ball Valve  
Datasheet

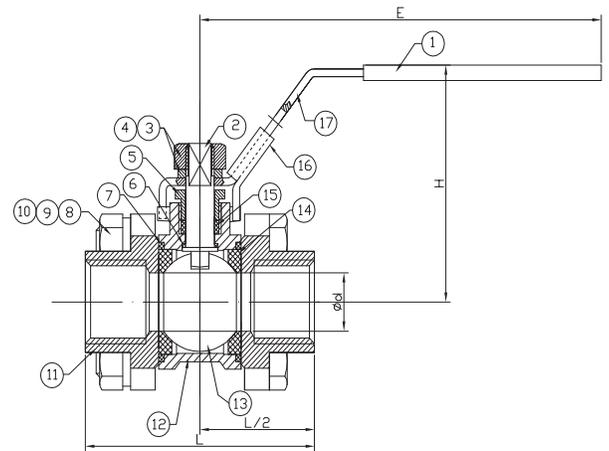


# Three-Piece 316 Stainless Ball Valve Series SC301

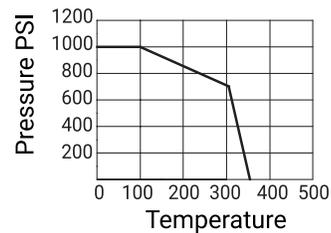


- 1000# CWP (1/4"-2") 600 CWP (2-1/2" - 4"), 150# WSP
- Full Port
- Blow-Out Proof Stem
- Body/Ball: ASTM A351 GR CF8M (SS316)
- Stem: ASTM A276 T-316
- RTFE Seats
- Pressure balancing hole in ball slot
- MSS SP-110
- Vacuum Service to 29" Hg
- Locking Handle
- ISO 9001:2015 Manufacturer
- Repair Kits, Lever Handles and Oval Handles Available
- Threaded and Socketweld Ends
- Lead Free

No.	Part Name	Material
1	Handle Sleeve	Plastic
2	Stem	ASTM A 276 T316
3	Handle Washer	304 Stainless Steel
4	Handle Nut	304 Stainless Steel
5	Packing Nut	304 Stainless Steel
6	Thrust Washer	PTFE
7	Body Seal	PTFE
8	Body Bolt	304 Stainless Steel
9	Body Washer	304 Stainless Steel
10	Body Nut	304 Stainless Steel
11	End Cap	ASTM A351 GR CF8M (SS316)
12	Body	ASTM A351 GR CF8M (SS316)
13	Ball	ASTM A351 GR CF8M (SS316)
14	Seat	RTFE
15	Stem Packing	PTFE
16	Locking Device	304 Stainless Steel
17	Handle	304 Stainless Steel

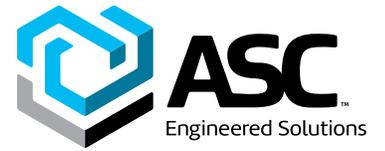


Pressure - Temperature Rating



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Size	Part Number		Weight	Ød	L	H	E
	Threaded	Socket Weld					
IN			LB	IN	IN	IN	IN
1/4	SC301THC	-	0.67	0.46	2.40	2.05	4.06
3/8	SC301THE	-	0.68	0.49	2.40	2.05	4.06
1/2	SC301THG	SC301SWG	1.01	0.59	2.48	2.48	4.92
3/4	SC301THI	SC301SWI	1.33	0.79	2.83	2.68	4.92
1	SC301THK	SC301SWK	1.96	0.98	3.25	3.11	6.10
1-1/4	SC301THL	SC301SWL	2.96	1.26	3.84	3.35	6.54
1-1/2	SC301THM	SC301SWM	4.55	1.50	4.27	3.82	7.48
2	SC301THN	SC301SWN	7.13	1.97	4.88	4.25	7.48
2-1/2	SC301THP	-	15.87	2.56	6.38	4.80	9.06
3	SC301THQ	-	23.53	2.99	6.89	5.20	9.06
4	SC301THT	-	46.19	3.94	8.5	6.97	13.20

### **About ASC Engineered Solutions**

ASC Engineered Solutions is defined by quality—in its products, services and support. With more than 1,400 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruklok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF® and SprinkFLEX®. With headquarters in Commerce, CA, and Exeter, NH, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



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