

Building connections that last™



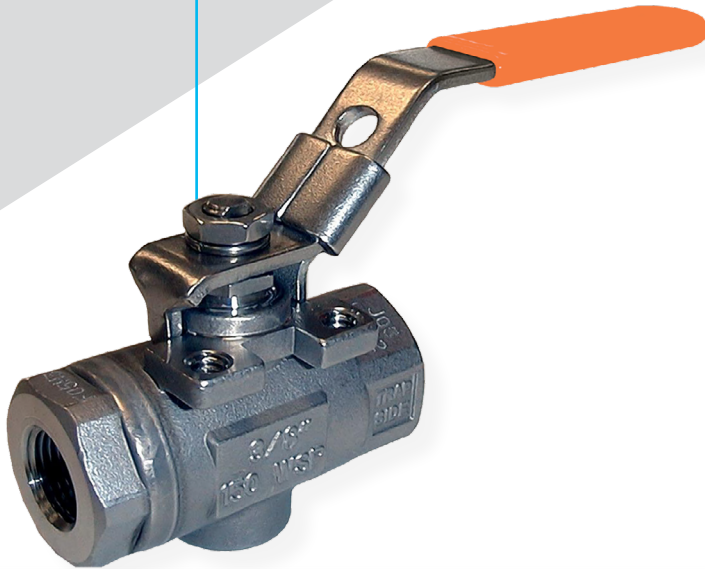
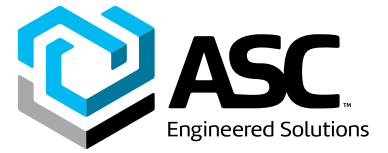
SB-ST QVA

Seal Welded Carbon or Stainless Steel
Steam Trap Test Valves Datasheet



Seal Welded Carbon or Stainless Steel Steam Trap Test Valves

SB-ST QVA



Features

- Seal welded construction for operator safety
- Available in WCB carbon steel with 316SS Trim, or Full CF8M/316 stainless
- ASME B16.34 class 900 wall thicknesses
- Stem drive system in compliance with API 608
- All models are NACE MR-01-75 compliant
- Reinforced TFM or PEEK seats available with metal back-up seats to prevent soft seat extrusion
- Automatically exhausts “trap side” pressure when closed
- Standard ISO actuator mounting pads on all sizes
- Standard locking stainless steel handles
- Allows fast and efficient testing of steam trap function
- Extended topworks available allowing insulation of line

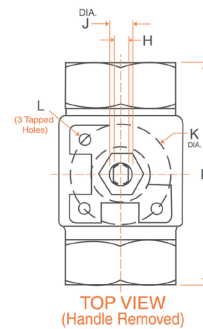
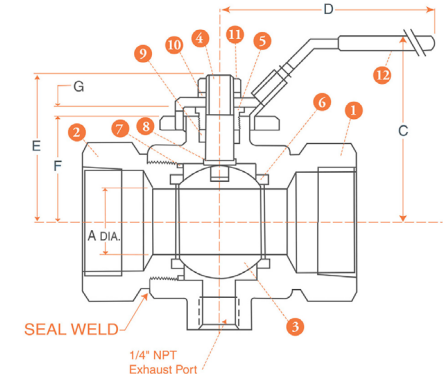
Ratings

R-TFM Seats: 150 PSIG Saturated Steam

PEEK Seats: 300 PSIG Saturated Steam

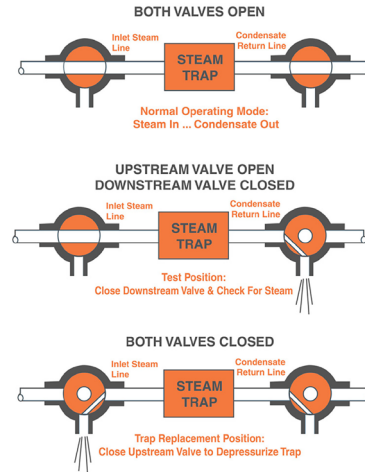
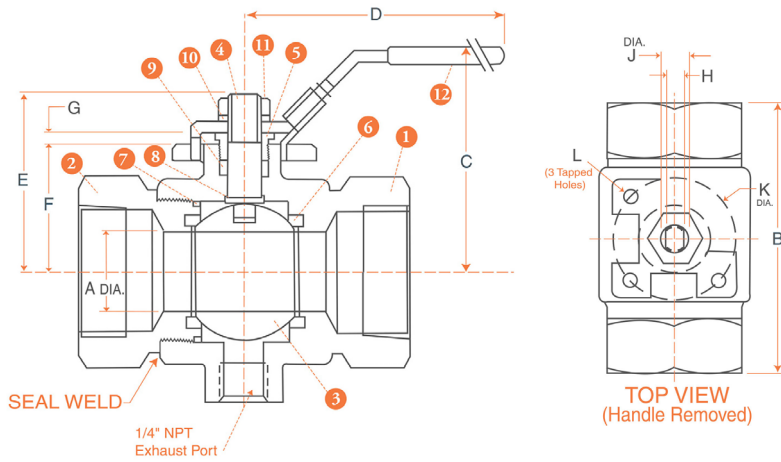
Materials of Construction

Part	Description	Standard Material
1	Body	CF8M or WCB
2	Tailpiece	CF8M or WCB
3	Ball (Vented)	ASTM A276 GR. 316 SS
4	Stem	ASTM A276 GR. 316 SS
5	Packing Nut	ASTM A276 GR. 316 SS
6	Seats (2)	Reinforced TFM or PEEK
7	Tailpiece Seal	Graphite
8	Thrust Washer	PTFE or PEEK
9	Stem Packing	Graphite
10	Lock Washer	304 SS
11	Handle Nut	304 SS
12	Handle Assy	304 SS



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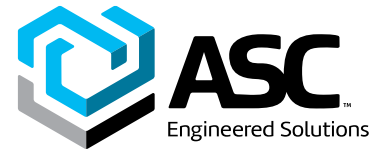


Dimensions, Weights, Cv Factors & Maximum Operating Torque

Size	A	B	C	D	E	F	G	H	J	K DIA	L (3 Tapped Holes)	ISO Pattern	Weight Lbs.	CV	Max Torque (R-PTFE)
1/4- 3/8"	0.43	2.65	2.23	5.04	1.53	0.78	0.35	0.20	0.31	1.42	1/4"-20 UNC	F03	1.0	10	40 IN-LB
1/2"	0.43	2.65	2.23	5.04	1.53	0.78	0.35	0.20	0.31	1.42	1/4"-20 UNC	F03	1.0	16	75 IN-LB
3/4"	0.59	3.08	2.72	5.75	2.06	1.03	0.43	0.28	0.44	1.65	1/4"-20 UNC	F04	1.8	27	120 IN-LB
1"	0.81	3.54	2.87	5.75	2.33	1.34	0.40	0.28	0.44	1.65	1/4"-20 UNC	F04	2.5	42	140 IN-LB
1- 1/4"	1.00	4.01	3.47	7.36	2.76	1.61	0.45	0.35	0.56	1.97	1/4"-20 UNC	F05	3.9	52	250 IN-LB
1- 1/2"	1.25	4.26	3.69	7.36	2.98	1.83	0.45	0.35	0.56	1.97	1/4"-20 UNC	F05	5.5	80	350 IN-LB
2"	1.50	4.94	3.93	7.36	3.18	2.00	0.47	0.35	0.56	1.97	1/4"-20 UNC	F05	8.5	115	420 IN-LB

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Numbering System How to order SB-ST QVA

SB		R		S		S		R		G		SL		TT		100-ST	
Series		Port Size		Body Material		Ball/Stem Material		Seat Material		Seal Material		Handle Type		Ends		Size	
SB	Seal Welded	R	Reduced (1/2" - 2")	S	Stainless (ASTM A351-CF8M)	S	316 Stainless	R	TFM (R-PTFE)	G	Graphite	SL	Stainless Latch Lock	TT	FNPT	025	1/4"
	F	Full (1/4" - 3/8")	P					Peek	R			R-PTFE	SO	Stainless Oval	MT	MxF NPT	038
				C	Carbon (A216-WCB)							LO	Locking Stainless Oval	WW	Socket-Weld (PEEK Seats only)	050	1/2"
												ST	304SS Tee Handle			075	3/4"
												PA	Double Acting Pneumatic			100	1"
												SA	Spring Return Pneumatic			125	1 - 1/4"
												SR	Deadman Handle			150	1 - 1/2"
												EA	115VAC Electric Actuated			200	2"

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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