

Series S2K Ball Valve

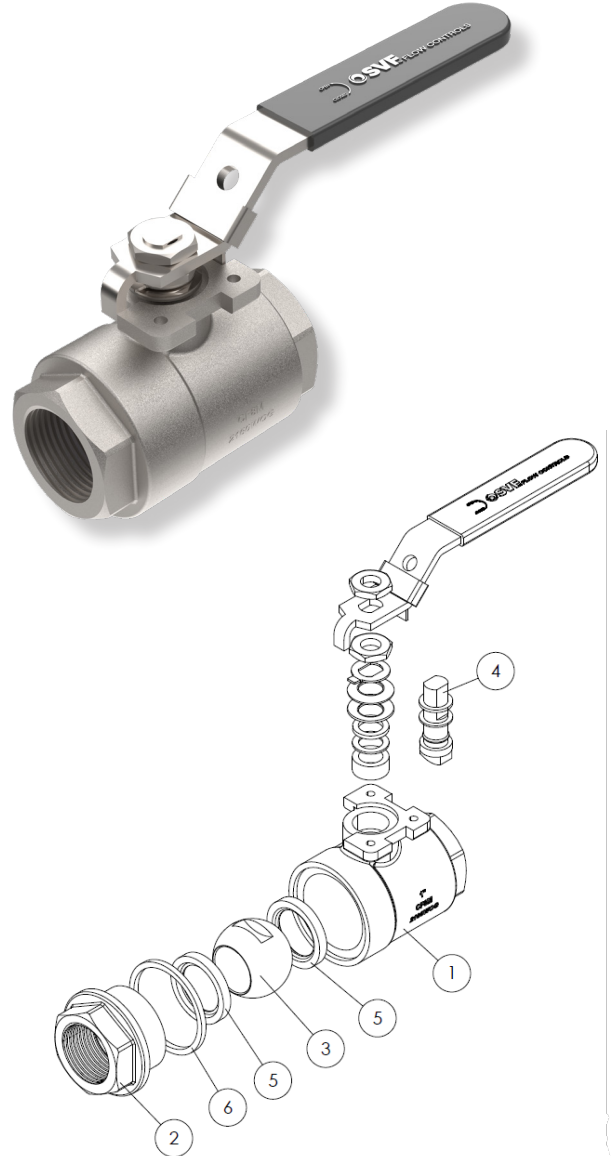
Three Piece High Pressure Ball Valve
Sizes 1/4" ~ 2"



The SVF Series S2K high pressure, silicone free, fire-safe ball valve is designed to meet applications up to 2160 psi. This high performance valve adds safety and reliability to high pressure systems in a wide variety of industrial applications.

SERIES S2K DESIGN FEATURES

- ✓ Full Ported flow path in a high performance design for process-quality applications
- ✓ High pressure ball valve up to 2160 psi
- ✓ Live-loaded stem seal ensures seal-tight pressure containment even under thermal cycling
- ✓ Fire-Safe certification to API-607
- ✓ Manufactured without the use of silicone bearing compounds or lubricants
- ✓ ISO 5211 mounting pad for easy actuation
- ✓ Seal welded construction
- ✓ Certified API 641 for Fugitive Emissions



MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIALS SPECIFICATIONS
1	Body	316 Stainless Steel (ASTM A351 CF8M)
2	End Connector	316 Stainless Steel (ASTM A351 CF8M)
3	Ball	316 Stainless Steel (ASTM A182 F316)
4	Stem	316 Stainless Steel (ASTM A276 SS316)
5	Seat	RTFE
6	Body Seal	PTFE

SPECIFICATION STANDARDS OF COMPLIANCE

SVF Series S2K Ball Valves are available in designs that meet the following Industry Standards:

- ANSI
- SAE
- DIN
- ASME
- NACE
- ISO
- API
- ASTM
- MSS

Contact SVF for specific applications



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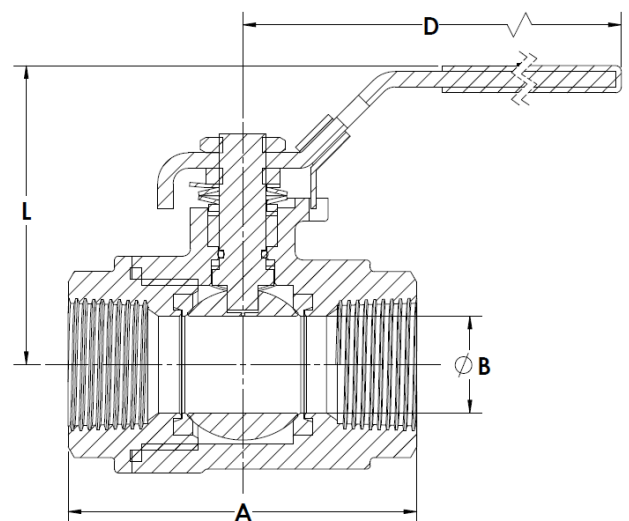
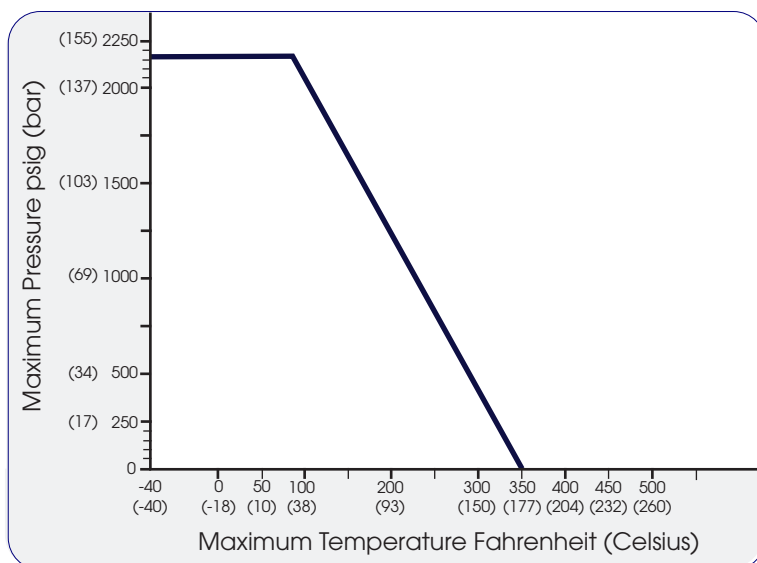


DIMENSIONS, WEIGHT, CV, TORQUE

Size	A		B		D		L		Weight		Cv	Torque* RTFE	
	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg		in-lbf	Nm
1/4"	2.66	67.5	0.39	10	4.72	120	2.30	59	0.88	0.4	16.6	45	5
3/8"	2.66	67.5	0.49	12.5	4.72	120	2.30	59	0.88	0.4	26.0	45	5
1/2"	2.66	67.5	0.59	15	4.72	120	2.38	61	1.10	0.5	37.3	45	5
3/4"	3.09	78.5	0.79	20	5.91	150	2.78	71	1.98	0.9	69.1	89	10
1"	3.54	90	0.98	25	5.91	150	2.89	74	2.87	1.3	112.7	133	15
1-1/2"	4.25	108	1.50	38	7.09	180	3.90	99	5.73	2.6	273.2	177	20
2"	4.96	126	1.97	50	7.09	180	4.25	108	9.26	4.2	485.3	266	30

* At full differential pressure for clean fluids

S2K - PRESSURE/TEMPERATURE CHART



Class 900

Note: Maximum pressure & temperature is limited to the seat material rating

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How To Order Guide (Columns 1 thru 11)

1 SERIES	2 BODY	3 ENDS	4 BALL	5 STEM	6 SEAT MATERIAL
S2K	6 = 316 Stainless Steel ASTM A351 CF8M	6 = 316 Stainless Steel ASTM A351 CF8M	6 = 316 Stainless Steel ASTM A182-F316	M = 316 Stainless Steel ASTM A276-316SS	R = RTFE
7 BODY SEAL	8 END CONNECTIONS	9 VALVE SIZE	10 OPTIONS	11 SPECIAL SERVICES	
T = PTFE	SEO = Threaded Ends (FNPT)	002 = 1/4" 003 = 3/8" 005 = 1/2" 007 = 3/4" 010 = 1" 015 = 1-1/2" 020 = 2"	00 = None	00 = None	

Order Example: (S2K06666RTSE00050000) The Part Number will contain 20 digits.

Ordering Code Sequence >>

Sample Part Number >>

1	2	3	4	5	6	7	8	9	10	11
S2K0	6	6	6	6	R	T	SEO	005	00	00
Valve Series	Body Material	End Material	Ball	Stem	Seat Material	Seal Material	End Connections	Valve Size	Options	Special Services

Manual valves are supplied with lockable lever handles.
Anti-Static Device is part of the standard assembly of these Valves.