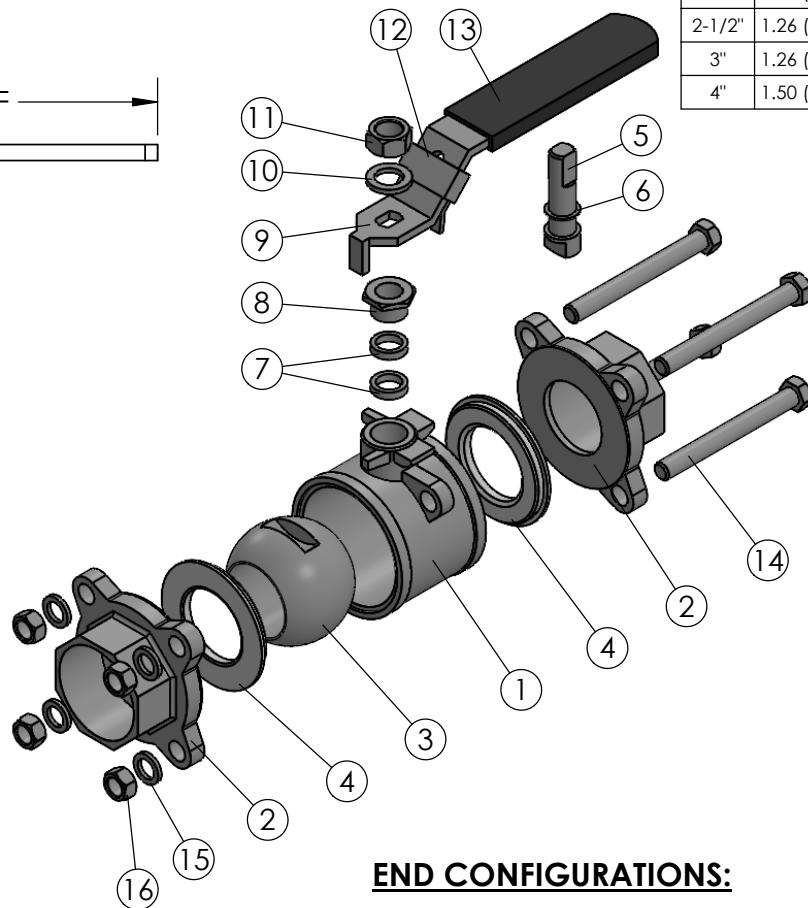
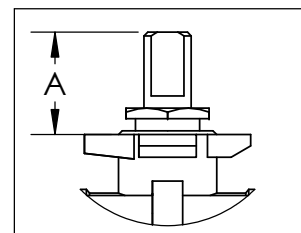
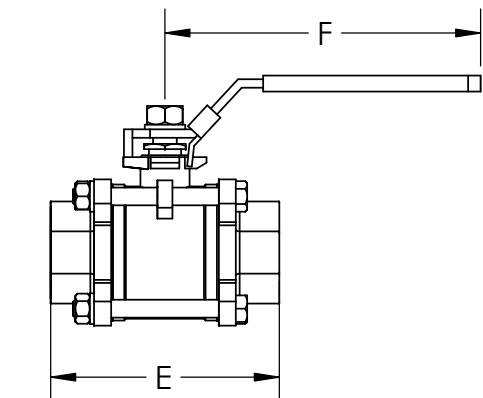
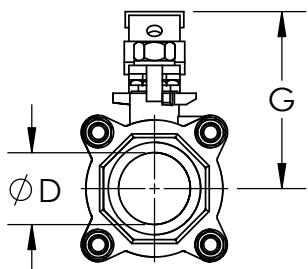
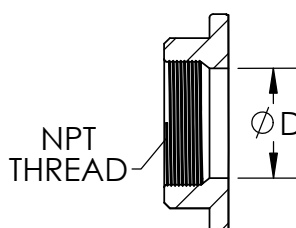
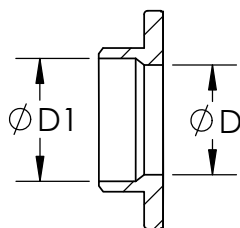


*AT FULL DIFFERENTIAL PRESSURE FOR CLEAN FLUIDS WITH RTFE SEATS



END CONFIGURATIONS:



SOCKET WELD END

SCREWED END

FASTENER KIT TABLE:

SIZES	BOLTS	WASHERS	NUTS
1/4" - 2"	4	4	4
2-1/2"	4	8	8
3" - 4"	6	12	12

NOTE: FASTENER KIT ABOVE 2" VALVES WILL USE STUB BOLTS

SIZE	A	øD	øD1	E	F	G	NPT THREAD	WEIGHT (lbs)	Cv
1/4"	0.55 (14)	0.46 (11.6)	0.55 (14)	2.28 (58)	4.33 (110)	1.97 (50)	1-4"-18NPT	0.5	6.6
3/8"	0.55 (14)	0.49 (12.5)	0.71 (18)	2.28 (58)	4.33 (110)	1.97 (50)	3/8"-18NPT	0.5	6.6
1/2"	0.67 (17)	0.59 (15)	0.86 (22)	2.70 (68.5)	4.53 (115)	2.17 (55)	1/2"-14NPT	1	11.2
3/4"	0.67 (17)	0.79 (20)	1.06 (27)	3.31 (84)	5.31 (135)	2.36 (60)	3/4"-14NPT	1	21
1"	0.79 (20)	0.98 (25)	1.34 (34)	3.50 (89)	5.71 (145)	2.83 (72)	1"-11.5NPT	2	34
1-1/4"	0.79 (20)	1.26 (32)	1.69 (43)	4.41 (112)	5.71 (145)	3.07 (78)	1-1/4"-11.5NPT	3	57
1-1/2"	0.94 (24)	1.50 (38)	1.93 (49)	4.76 (121)	6.89 (175)	3.58 (91)	1-1/2"-11.5NPT	4	80
2"	0.94 (24)	1.97 (50)	2.41 (61.4)	5.75 (146)	6.89 (175)	4.13 (105)	2"-11.5NPT	7	150
2-1/2"	1.26 (32)	2.56 (65)	3.03 (77)	6.50 (165)	10.24 (260)	5.00 (127)	2-1/2"-8NPT	13	265
3"	1.26 (32)	3.15 (80)	3.54 (90)	7.20 (183)	10.24 (260)	5.39 (137)	3" NPT	21	415
4"	1.50 (38)	3.94 (100)	4.55 (116)	9.13 (232)	12.20 (310)	6.77 (172)	4" NPT	39	780

PRODUCT INFORMATION:

1. END CONNECTIONS AVAILABLE IN: SCREWED END (FNPT) AND SOCKET WELD END
2. 1/4" - 4" FULL PORT
3. BALL IS VENTED ON THE STEM SLOT AREA
4. BLOW-OUT PROOF STEM
5. STANDARD LOCKING HANDLE
6. ANTI-STATIC DEVICE

APPLICABLE STANDARDS:

1. ASME B16.34: DESIGN
2. API 598: INSPECTION AND TESTING
3. ANSI B1.20.1: NPT
4. ANSI B16.11: COMPLIANT FOR SOCKET WELD
5. USP CLASS VI: CONFIRMATION OF COMPLIANCE (PTFE MATERIAL)

ITEM NO.	DESCRIPTION	MATERIALS	QTY.
1	BODY	A351-CF8M A216-WCB	1
2	END	A351-CF8M A216-WCB	1
3	BALL	A351-CF8M	1
4	SEAT	RTFE	2
5	STEM	A276-316	1
6	STEM THRUST WASHER	PTFE	1
7	STEM SEAL	PTFE	2
8	HANDLE NUT	304 STAINLESS STEEL	1
9	HANDLE	430 STAINLESS STEEL	1
10	SPRING WASHER	304 STAINLESS STEEL	1
11	HANDLE NUT	304 STAINLESS STEEL	1
12	LOCKING DEVICE	430 STAINLESS STEEL	1
13	HANDLE SLEEVE	PVC	1
14	BOLT	304 STAINLESS STEEL	REFER TO FASTENER KIT TABLE
15	SPRING WASHER	304 STAINLESS STEEL	
16	HEX NUT	304 STAINLESS STEEL	

DRAWN BY
E.P.
CHECKED BY
K.C.
APPROVED BY
J.S.
(FOR REF ONLY IF NOT APPROVED)

DATE
06/23/2017
DATE
08/20/2025
DATE
08/20/2025

SVF FLOW CONTROLS

5595 Fresca Drive • La Palma, CA 90623 • 1.800.783.7836
www.SVF.net • Sales@SVF.net

DESCRIPTION:
1/4" - 4" 30SS/CS 3-PIECE FULL PORT BALL VALVE

UNITS: INCH (MILLIMETERS) DATE: 08/20/2025 REV: D