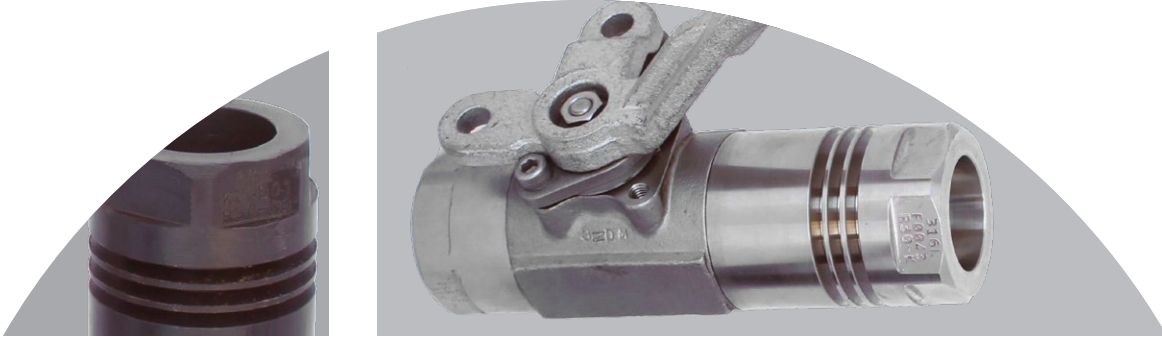




Crown-Fusion



NPT/SW Floating Ball Valves





Company Overview

For more than 60 years, Stream-Flo Industries Ltd. has been delivering value to the energy industry by developing long-term partnerships with our customers and providing them with customized solutions for the complex challenges they face. Our industry-leading wellheads, gate

valves, check valves, ball valves, and surface safety valves that we manufacture assist our customers in achieving their goals, and as a privately-owned company, we offer superior stability in an unpredictable world. We also provide comprehensive services including field maintenance/installation, remanufacturing, and customer property management. With safety and peace of mind at the forefront of all that we do, we're never fully satisfied until you—the customer—are too.

“ *Our more than 50 years' experience in oilfields around the world have helped us to build a global network of on-the-ground personnel committed to innovating and delivering the best customer experience.*

We are where our customers need us.

— **Mark McNeill,**
President, The Stream-Flo Group of Companies

”

Integrity



Quality



Innovation





Crown-Fusion

Crown-Fusion Threaded Ball Valves

Series 317 6000 WOG Isolator Valve

Series 322 2000/3000 WOG Two-Piece Threaded Body Design

Series 326 3000/5000 Two-Piece Bolted Body Design

Series 332 2000 WOG Three-Piece Four-Bolt Design

Series 333 Class 1500 (3705 WOG) Three-Piece Bolted Body Design

Series 334 3000/4000/6000 WOG Three-Piece Threaded Body Design

Series 413 2000 WOG Barstock Valve

Features & Benefits

- High quality product at a competitive price. ASME B16.34 ball valves feature heavy duty construction and are extremely durable.
- Series 322 and 332 feature standard reinforced TFM seats. TFM provides the best combination of durability, ease of operation, and temperature range and process compatibility for these valve designs.
- Series 334 features TFM seats in 3000 and 4000 WOG and standard PEEK seats in 6000 WOG. PEEK is required to handle the demands of this higher pressure class.
- Series 333 also features PEEK seats.
- All multi-component body designs feature double sealed body connections. Potential leak paths are eliminated and Firesafe compliant to API 607.
- All valves feature double sealed stem design. Potential leak paths are eliminated and Firesafe compliant to API 607.
- Series 333 and 334 feature standard cooling “fins” on socketweld end valves, permitting welding to valves into line without disassembly.

Industry Standards Requirements

- Blowout Proof Stem Design
- Standard Anti-Static Device
- Standard Locking Device

Industry Standard Actuation

Modification Capability

- ISO 5211 Actuator Mounting Pad

Conformance to Industry Standards

- Manufactured in accordance of API Q1 quality system, ISO 9001: 2015 quality system, API 608, API 598, API 607, ASME B16.34, NACE MR0175
- CRN Registration (Canada) – All provinces





Crown-Fusion

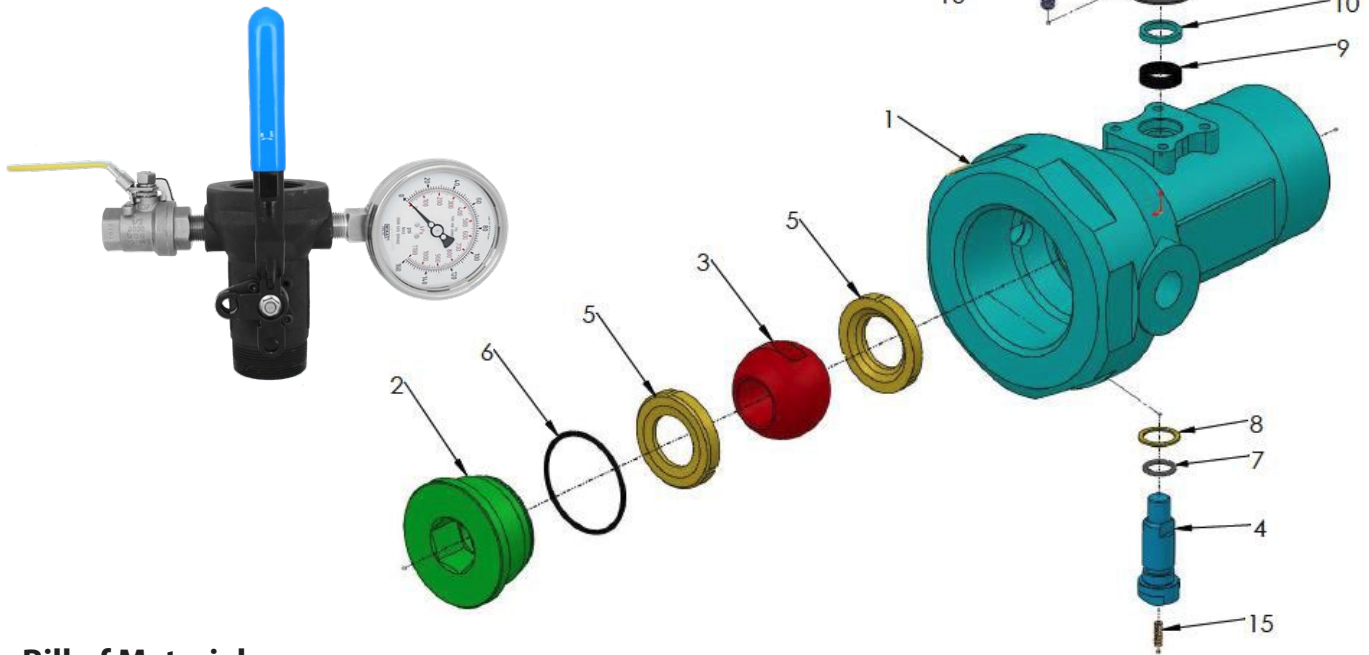
Crown-Fusion Series 317 Isolator Valve

One-Piece Body

Venturi Port - 6000 WOG

2" x 3/4" x 2", FNPT x MNPT Ends

c/w 2-1/2" NPT Port Hole



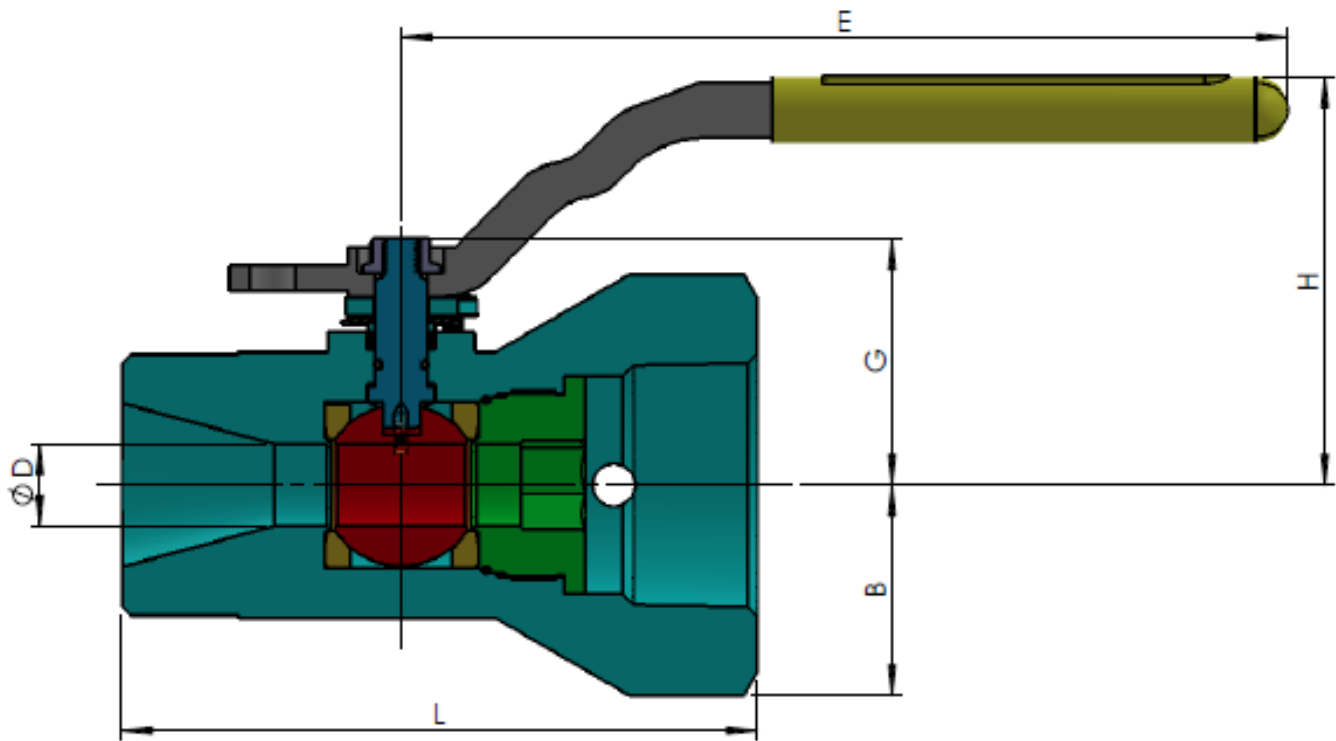
Bill of Materials:

ITEM	PART	CARBON STEEL LOW TEMP	CARBON STEEL	Q'TY
1	BODY	ASTM A352 LCC	ASTM A352 LCC	1
2	SEAT RETAINER	ASTM A352 LCC	ASTM A352 LCC	1
3	BALL	ASTM A564 630	ASTM A564 630	1
4	STEM	ASTM A564 630	ASTM A564 630	1
†5	SEAT	VIRGIN PEEK	VIRGIN PEEK	2
†6	BODY O-RING	HNBR/VITON GLT	HNBR/VITON	1
†7	STEM O-RING	HNBR/VITON GLT	HNBR/VITON	1
†8	THRUST WASHER	PEEK	PEEK	1
†9	PACKING	GRAPHITE	GRAPHITE	1
10	PACKING FOLLOWER	304SS	304SS	1
11	BELLEVILLE WASHER	304SS	304SS	1
12	GLAND FLANGE	CS	CS	1
13	HANDLE	CS	CS	1
14	HANDLE NUT	CS	CS	1
15	SPRING	304SS	304SS	1
16	CAP SCREWS	ASTM A320 L7M	ASTM A320 L7M	

† Minor repair kit

Bold denotes standard offering

Crown-Fusion Series 317 Isolator Valve



Weights and Dimensions

Size	WOG	BORE	D	L	B	G	H	E	Cv	WEIGHT
in/DN			in/mm	in/mm	in/mm	in/mm	in/mm	in/mm		kg/lbs
2/50	6000	VP	0.75/19.1	5.83/148	1.93/49	209/53	3.54/90	8.07/205	60	4.0/8.8

Note 1. "L" DIMENSION ± 0.06 in./1.5 mm



Crown-Fusion

Crown-Fusion Series 322 Ball Valve

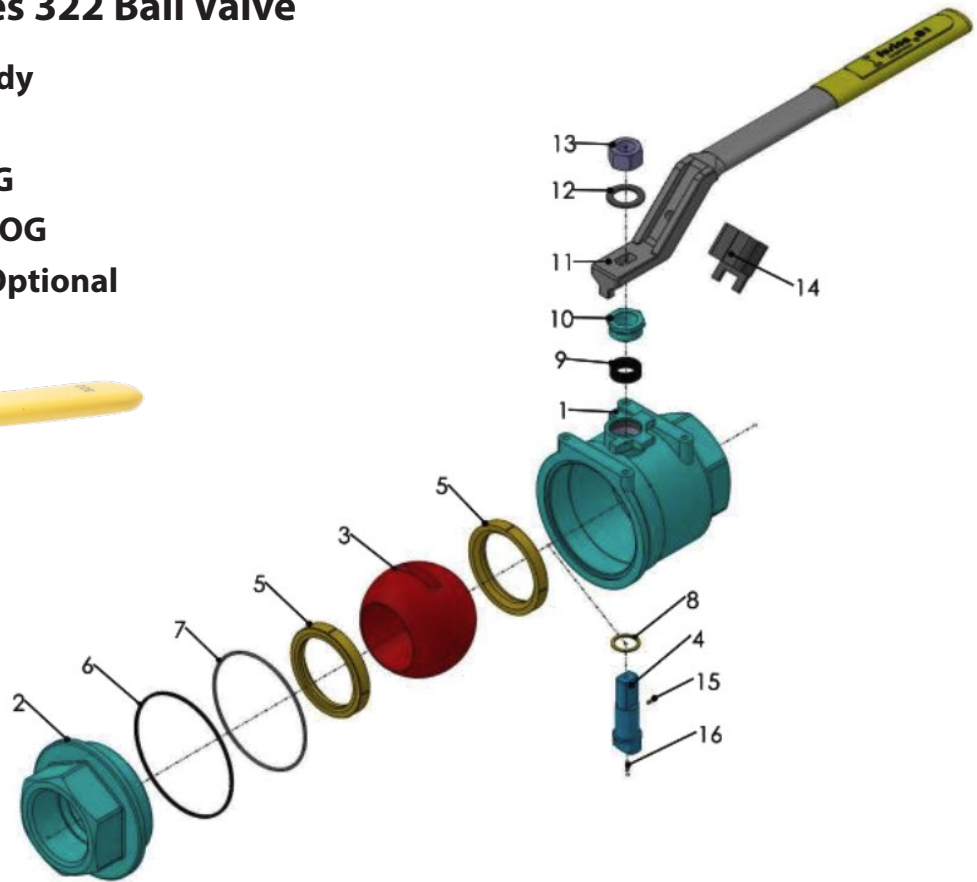
Two-Piece Threaded Body

Full Port

1/4" - 2" 2000/3000 WOG

2-1/2" - 3" 1500/2000 WOG

Seal Welded Tail Piece Optional

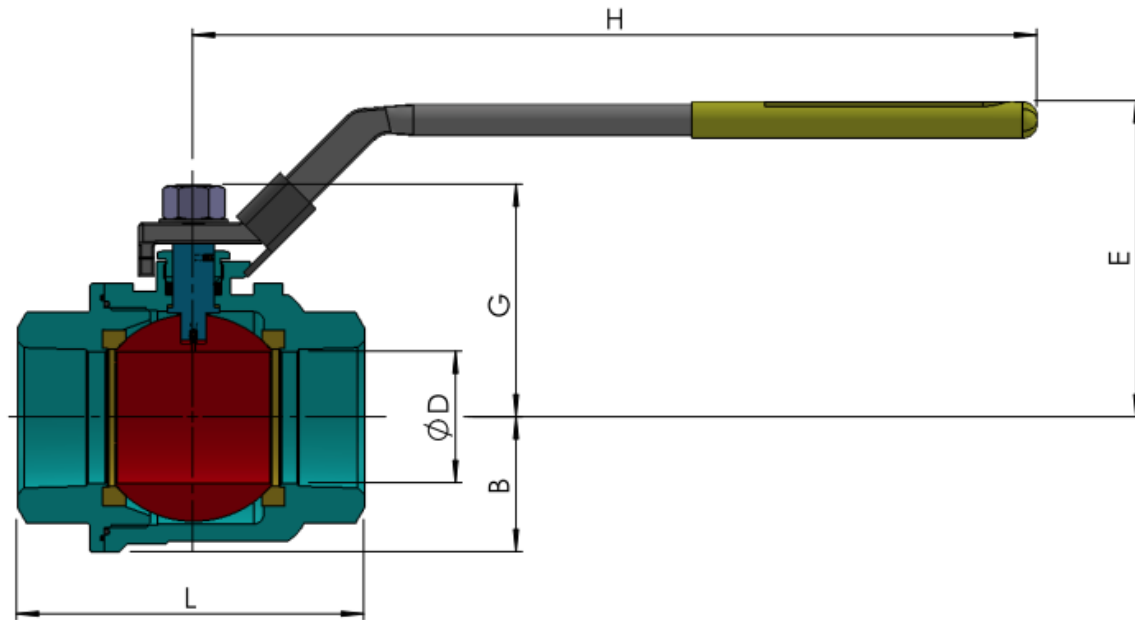


Bill of Materials:

ITEM	PART	STAINLESS STEEL	CARBON STEEL LOW TEMP	CARBON STEEL	Q'TY
1	BODY	ASTM A351 CF8M	ASTM A352 LCC	ASTM A216 WCB	1
2	END CAP	ASTM A351 CF8M	ASTM A352 LCC	ASTM A216 WCB	1
3	BALL	ASTM A351 CF8M	ASTM A351 CF8M	ASTM A351 CF8M	1
4	STEM	ASTM A564 630	ASTM A564 630	ASTM A564 630	1
†5	SEAT	TFM	TFM	TFM	2
†6	BODY GASKET	GRAPHITE	GRAPHITE	GRAPHITE	1
†7	BODY O-RING	TEFLON	VITON GLT/HNBR	VITON/HNBR	1
†8	THRUST WASHER	RTFE	RTFE	RTFE	1
†9	PACKING	GRAPHITE	GRAPHITE	GRAPHITE	1
10	GLAND RETAINER NUT	304SS	304SS	304SS	1
11	HANDLE	304SS	CS PLATED	CS PLATED	1
12	STEM WASHER	304SS	CS PLATED	CS PLATED	1
13	HANDLE NUT	304SS	CS PLATED	CS PLATED	1
14	LOCKING DEVICE	304SS	CS PLATED	CS PLATED	1
15	SPRING	304SS	304SS	304SS	1
16	SPRING	304SS	304SS	304SS	1

† Minor repair kit

Crown-Fusion Series 322 Ball Valve



Weights and Dimensions:

Size	PRESSURE	D	L	B	G	H	E	Cv	WEIGHT
in/DN		in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	kg/lbs
1/4/8	CLASS 800	0.36/9.2	2.11/54	0.63/16	1.23/31	1.86/47	3.82/97	13	0.25/0.6
	3000WOG	0.36/9.2	2.11/54	0.63/16	1.23/31	1.86/47	3.82/97	13	0.25/0.6
3/8/10	CLASS 800	0.36/9.2	2.11/54	0.63/16	1.23/31	1.86/47	3.82/97	13	0.25/0.6
	3000WOG	0.36/9.2	2.11/54	0.63/16	1.23/31	1.86/47	3.82/97	13	0.26/0.6
1/2/15	CLASS 800	0.50/12.7	2.66/68	0.85/22	1.76/45	2.08/53	4.33/110	26	0.50/1.1
	3000WOG	0.50/12.7	2.66/68	0.85/22	1.76/45	2.08/53	4.33/110	26	0.53/1.2
3/4/20	CLASS 800	0.75/19.1	2.97/76	0.96/24	1.91/49	2.23/57	4.33/110	61	0.80/1.8
	3000WOG	0.75/19.1	2.97/76	0.96/24	1.91/49	2.23/57	4.33/110	61	0.80/1.8
1/25	CLASS 800	0.98/25.0	3.50/89	1.15/29	2.28/58	2.74/70	5.57/142	110	1.20/2.7
	3000WOG	0.98/25.0	3.50/89	1.15/29	2.28/58	2.74/70	5.57/142	110	1.28/2.8
1-1/4/32	CLASS 800	1.20/31.0	3.96/101	1.39/35	2.48/63	2.94/75	5.57/142	170	1.50/3.3
	3000WOG	1.20/31.0	3.96/101	1.39/35	2.48/63	2.94/75	5.57/142	170	1.90/4.2
1-1/2/40	CLASS 800	1.50/38.0	4.45/113	1.62/41	3.02/77	3.22/82	6.50/165	260	2.00/4.4
	3000WOG	1.50/38.0	4.45/113	1.62/41	3.02/77	3.22/82	6.50/165	260	2.88/6.4
2/50	CLASS 800	1.97/50.0	5.18/132	2.00/51	3.36/85	4.42/112	10.04/255	480	4.30/9.5
	3000WOG	1.97/50.0	5.18/132	2.00/51	3.43/87	4.42/112	10.04/255	480	5.28/11.6
2-1/2/65	CLASS 600	2.50/63.5	6.59/168	2.56/65	4.42/112	5.96/151	15.98/406	800	9.00/19.8
	2000WOG	2.50/63.5	6.59/168	2.56/65	4.42/112	5.96/151	15.98/406	800	9.00/19.8
3/80	CLASS 600	3.00/76.2	7.46/190	2.99/76	4.80/122	6.34/161	15.98/406	1150	13.50/29.8
	2000WOG	3.00/76.2	7.46/190	2.99/76	4.80/122	6.34/161	15.98/406	1150	13.50/29.8

Note 1. "L" DIMENSION ± 0.06 in./1.5 mm



Crown-Fusion

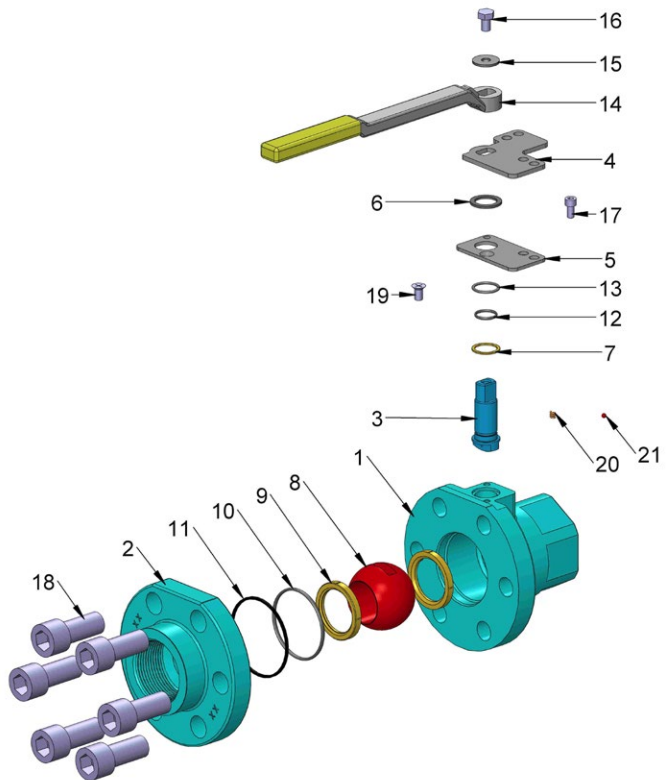
Crown-Fusion Series 326 Ball Valve

One-Piece Body

Venturi Port - 6000 WOG

2" x 3/4" x 2", FNPT x MNPT Ends

c/w 2-1/2" NPT Port Hole

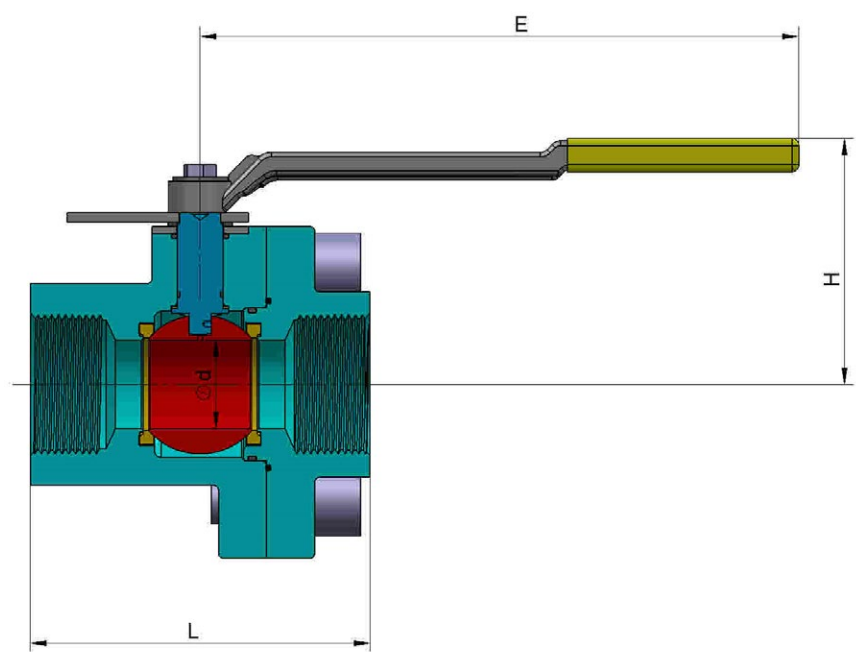


Bill of Materials:

ITEM	PART	STAINLESS STEEL	CARBON STEEL LOW TEMP	CARBON STEEL
1	BODY	A351 CF8M	A352 LCC	A216 WCB
2	CAP	A351 CF8M	A352 LCC	A216 WCB
3	STEM	17-4PH	17-4PH	17-4PH
4	STEM LOCKING PLATE	304	C/S	C/S
5	LOCKING PLATE	304	C/S	C/S
6	WASHER	PTFE	PTFE	PTFE
7	STEM THRUST WASHER	NYLON	NYLON	NYLON
8	BALL	17-4PH	17-4PH	17-4PH
9	SEAT	MOLON	MOLON	MOLON
10	O-RING	VITON	VITON	VITON
11	GASKET	GRAPHITE	GRAPHITE	GRAPHITE
12	O-RING	VITON	VITON	VITON
13	O-RING	VITON	VITON	VITON
14	HANDLE	A351 CF8M	C/S	C/S
15	WASHER	304	C/S	C/S
16	BOLT	304	C/S	C/S
17	CAP SCREW	304	C/S	C/S
18	CAP SCREW	A320 L7M WITH ZINC PLATING	A320 L7M	A320 L7M
19	BOLT	304	C/S	C/S
20	ANTISTATIC SPRING	304	304	304
21	ANTISTATIC BALL	304	304	304

Stream-Flo reserves the right to offer alternate materials

Crown-Fusion Series 326 Ball Valve



Weights and Dimensions:

Size	CLASS	d		H		L		E		Cv	WEIGHT	
		in/mm		in/mm		in/mm		in/mm		gal/min	kg/lbs	
2" RP	3000WOG	1.50	38	4.02	102	5.51	140	8.63	200	106	6.5	14.3
	5000WOG	1.50	38	4.53	115	5.83	148	10.24	260	108	9.6	21.2

Stream-Flo reserves the right to offer alternate materials



Crown-Fusion

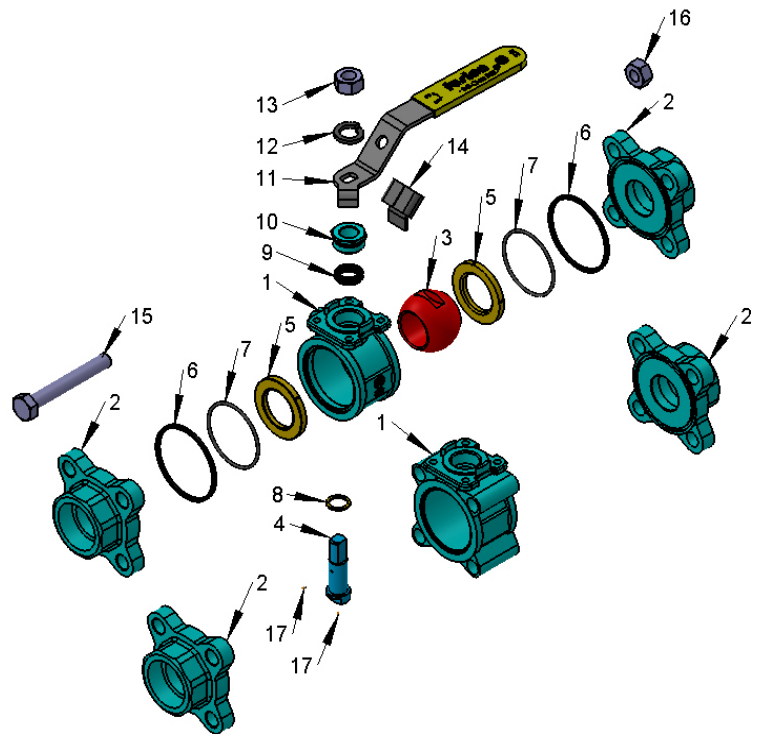
Crown-Fusion Series 332 Ball Valve

Three-Piece, Four-Bolt Body

Full Port

1/4" - 2" 2000 WOG

2-1/2" - 3" 1500 WOG



Bill of Materials:

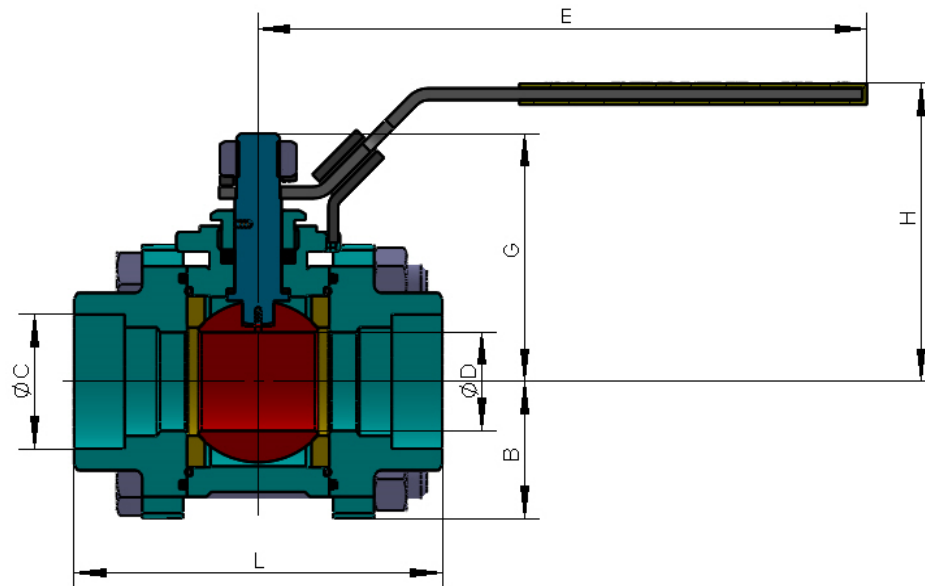
ITEM	PART	STAINLESS STEEL	CARBON STEEL LOW TEMP	CARBON STEEL	Q'TY
1	BODY	ASTM A351 CF8M	ASTM A352 LCC	ASTM A216 WCB	1
2	END CAP	ASTM A351 CF8M	ASTM A352 LCC	ASTM A216 WCB	2
3	BALL	ASTM A351 CF8M	ASTM A351 CF8M	ASTM A351 CF8M	1
4	STEM	ASTM A564 630	ASTM A564 630	ASTM A564 630	1
†5	SEAT	TFM	TFM	TFM	2
†6	GASKET	GRAPHITE	GRAPHITE	GRAPHITE	2
†7	BODY O-RING	TEFLON	VITON GLT	VITON	2
†8	THRUST WASHER	RTFE	RTFE	RTFE	1
†9	PACKING	GRAPHITE	GRAPHITE	GRAPHITE	1
10	GLAND	304SS	304SS	304SS	1
11	HANDLE	304SS	C/S PLATED	C/S PLATED	1
12	STEM WASHER	304SS	C/S PLATED	C/S PLATED	1
13	HANDLE NUT	304SS	C/S PLATED	C/S PLATED	1
14	LOCKING DEVICE	304SS	C/S PLATED	C/S PLATED	1
15	BOLT	ASTM A320 L7M PLATED	ASTM A320 L7M	ASTM A320 L7M	4 - 6
16	NUT	ASTM A194 7ML PLATED	ASTM A194 7ML	ASTM A194 7ML	4 - 12
17	SPRING	304SS	304SS	304SS	2

† Minor repair Kit

Note 1. (Item 15) stud on 3"

Option 1. (Item 1) Encapsulated body bolting

Crown-Fusion Series 332 Ball Valve



Weights and Dimensions:

Size	PSI/PN	BORE	D	C(SW)	L	B	G	H	E	Cv	WEIGHT
in/DN			in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	kg/lbs
1/4/8	2000/130	FP	0.36/9.2	0.56/14.4	2.28/58	0.78/23	1.23/31	1.86/47	3.82/97	12	0.4/0.9
3/8/10	2000/130	FP	0.36/9.2	0.69/17.7	2.28/58	0.78/23	1.23/31	1.86/47	3.82/97	13	0.4/0.9
1/2/15	2000/130	FP	0.50/12.7	0.86/22.0	2.87/73	1.05/27	1.84/47	2.44/62	4.92/125	26	0.8/1.8
3/4/20	2000/130	FP	0.75/19.1	1.07/27.4	3.03/77	1.14/29	1.99/51	2.58/66	4.92/125	61	1.0/2.2
1/25	2000/130	FP	0.98/25.0	1.33/34.1	3.72/95	1.37/35	2.48/63	2.93/75	6.10/155	110	1.7/3.7
1-1/4/32	2000/130	FP	1.25/32.0	1.68/42.9	4.25/108	1.64/42	2.68/68	3.13/80	6.10/155	170	2.7/6.0
1-1/2/40	2000/130	FP	1.50/38.0	1.92/49.0	4.80/122	1.91/49	3.24/82	3.42/87	6.69/170	260	3.5/7.7
2/50	2000/130	FP	1.97/50.0	2.41/61.4	5.82/148	2.28/58	3.57/91	4.62/117	10.04/255	480	6.8/15.0
	2000/130	RP	1.50/38.0	2.41/61.4	5.82/148	2.13/54	3.24/82	3.42/87	6.69/170	100	5.6/12.3
2-1/2/65	1500/100	FP	2.50/63.5	2.91/74.0	7.00/178	2.80/71	4.42/112	5.96/151	15.98/406	800	14.0/30.8
3/80	1500/100	FP	3.00/76.2	3.54/90.0	7.57/192	3.10/79	5.30/135	6.83/174	15.98/406	1150	19.0/41.9

Note 1. "L" DIMENSION ± 0.06 in./1.5 mm



Crown-Fusion

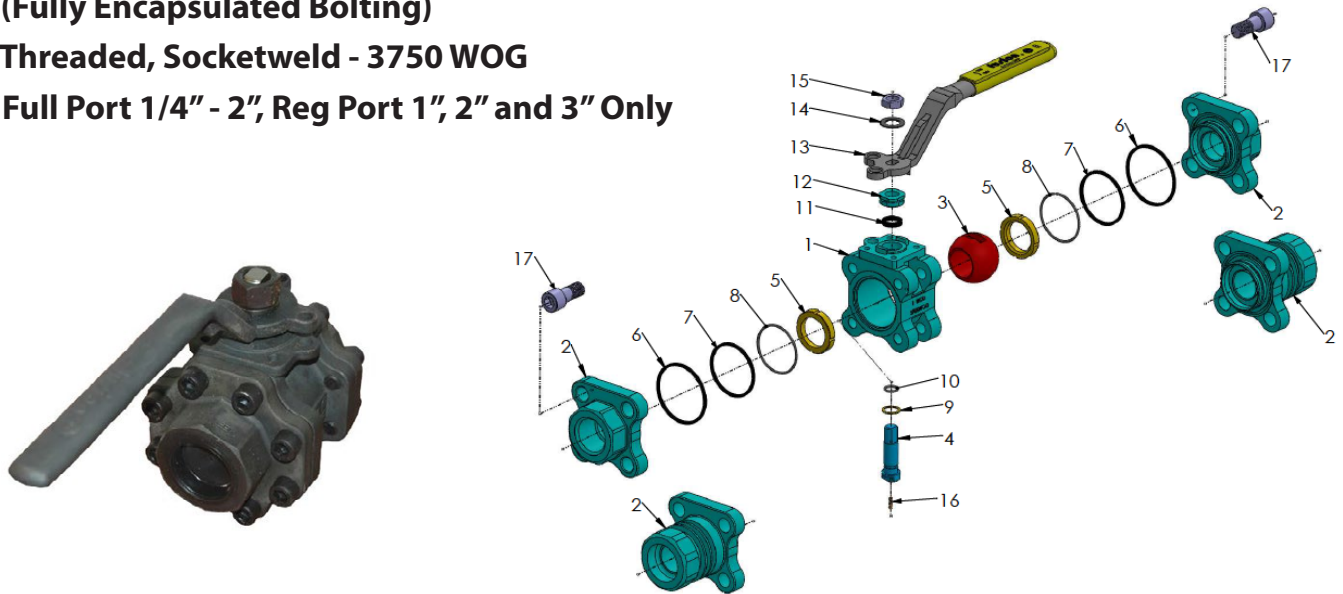
Crown-Fusion Series 333 Ball Valve

Three-Piece Bolted Body

(Fully Encapsulated Bolting)

Threaded, Socketweld - 3750 WOG

Full Port 1/4" - 2", Reg Port 1", 2" and 3" Only



Bill of Materials:

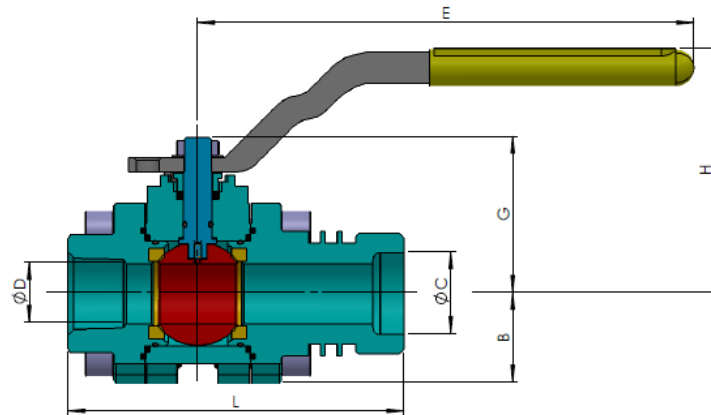
ITEM	PART	STAINLESS STEEL	CARBON STEEL LOW TEMP	CARBON STEEL	Q'TY
1	BODY	ASTM A351 CF8M	ASTM A352 LCC	ASTM A216 WCB	1
2	END CAP	ASTM A351 CF8M	ASTM A352 LCC	ASTM A216 WCB	2
3	BALL	ASTM A351 CF8M	ASTM A351 CF8M	ASTM A351 CF8M	1
4	STEM	ASTM A564 630	ASTM A564 630	ASTM A564 630	1
†5	SEAT	VIRGIN PEEK	VIRGIN PEEK	VIRGIN PEEK	2
†6	BODY GASKET	GRAPHITE	GRAPHITE	GRAPHITE	2
†7	BODY SMALL GASKET	PTFE	PTFE	PTFE	2
†8	BODY O-RING	TEFLON/HNBR	VITON GLT/HNBR	VITON/HNBR	2
†9	THRUST WASHER	RTFM	RTFM	RTFM	1
10	STEM O-RING	VITON/HNBR	VITON GLT/HNBR	VITON/HNBR	1
11	PACKING	GRAPHITE	GRAPHITE	GRAPHITE	1
12	GLAND	340SS	340SS	340SS	1
13	HANDLE	ASTM A351 CF8	CS	CS	1
14	STEM WASHER	304SS	CS	CS	1
15	HANDLE NUT	304SS	CS	CS	1
16	SPRING	304SS	304SS	304SS	1
17	CAP SCREWS	ASTM A320 L7M PLATED	ASTM A320 L7M	ASTM A320 L7M	8~16

† Minor repair kit

Bold denotes standard offering

Note 1. (Item 17) stud on 1-1/2" to 3" RP

Crown-Fusion Series 333 Ball Valve



Weights and Dimensions:

SIZE	CLASS/ PN	BORE	D	C	L	L	L	B	G	H	E	Cv	WEIGHT
in/DN			in/mm	in/mm	NPT	SW	NPT X SW	in/mm	in/mm	in/mm	in/mm	gal/min	kg/lbs
1/4/8	1500/250	FP	0.50/12.7	0.87/22.0	3.86/98	-/-	-/-	1.02/26	1.93/49	3.46/88	6.50/165	26	1.4/3.1
3/8/10	1500/250	FP	0.50/12.7	0.87/22.0	3.86/98	-/-	-/-	1.02/26	1.93/49	3.46/88	6.50/165	26	1.4/3.1
1/2/15	1500/250	FP	0.50/12.7	0.87/22.0	3.86/98	5.12/130	4.49/114	1.02/26	1.93/49	3.46/88	6.50/165	26	2.2/4.9
3/4/20	1500/250	FP	0.75/19.1	1.08/27.4	4.25/108	6.77/172	5.51/140	1.14/29	2.20/56	3.66/93	8.07/205	61	2.4/5.3
1/25	1500/250	FP	0.98/25.0	1.34/34.1	4.29/109	6.77/172	5.51/140	1.30/33	2.56/65	3.98/101	8.07/205	110	3.7/8.2
	1500/250	RP	0.75/19.1	1.34/34.1	4.25/108	6.77/172	5.51/140	1.26/32	2.20/56	3.66/93	8.07/205	32	3.7/8.2
1-1/2/40	1500/250	FP	1.50/38.0	1.93/49.0	6.26/159	8.54/217	7.40/188	2.00/51	4.06/103	5.28/134	10.04/255	260	8.0/17.6
2/50	1500/250	FP	2.00/50.8	2.42/61.4	6.26/159	12.76/324	9.53/242	2.09/53	4.80/122	5.91/150	12.40/315	480	12.0/26.5
	1500/250	RP	1.50/38.0	2.42/61.4	6.26/159	8.54/217	7.40/188	2.00/51	4.06/103	5.28/134	10.04/255	130	8.0/17.6
3/80	1500/250	RP	2.00/50.8	2.42/61.4	11.38/289	-/-	-/-	2.09/53	4.80/122	5.91/150	12.40/315	350	12.0/26.5

Note 1: "L" DIMENSION ± 0.06 in. /1.5 mm



Crown-Fusion

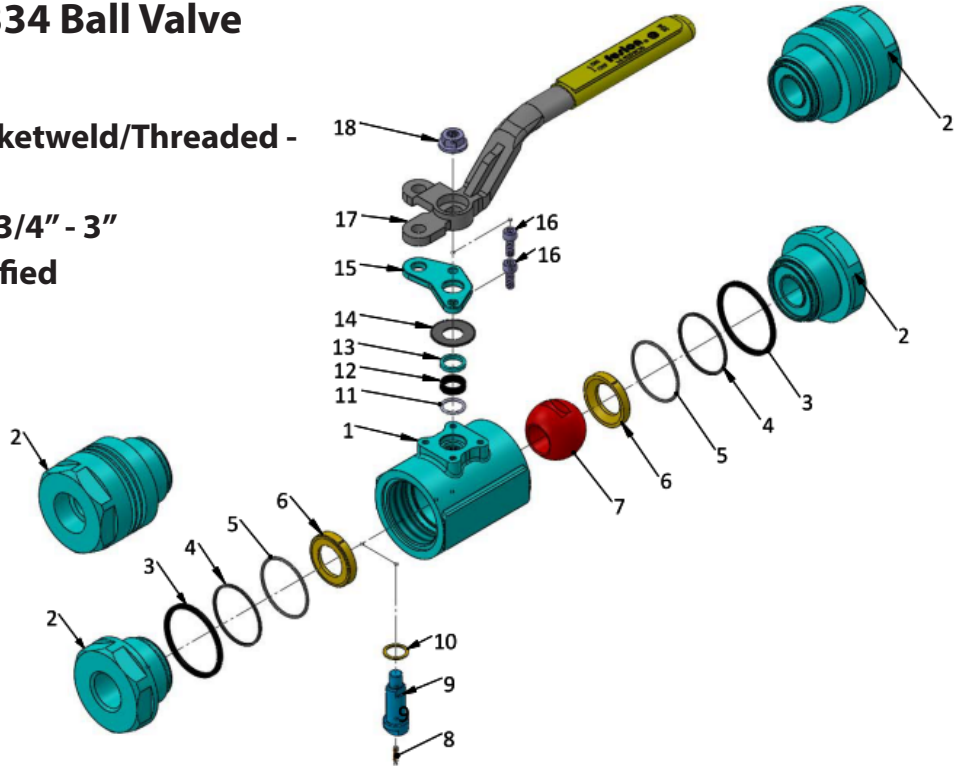
Crown-Fusion Series 334 Ball Valve

Three Piece Design

**Threaded, Socketweld, Socketweld/Threaded -
3000, 4000, 6000 WOG**

Full Port 1/4" - 2", Reg Port 3/4" - 3"

API 641 Low Emission Certified



Bill of Materials:

ITEM	PART	STAINLESS STEEL	CARBON STEEL LOW TEMP	CARBON STEEL	Q'TY
1	BODY	ASTM A351 CF8M / ASTM A479 316	ASTM A350 LF2 / ASTM A352 LCC	ASTM A105/A105NASTM A216 WCB	1
2	END CAP	ASTM A479 316	ASTM A350 LF2	ASTM A105/A105N	2
†3	BODY GASKET	GRAPHITE	GRAPHITE	GRAPHITE	2
†4	BACKUP RING	NITRILE	NITRILE	NITRILE	2
†5	END CAP O-RING	TEFLON /HNBR	VITON GLT /HNBR	VITON /HNBR	2
†6	SEAT	TFM/VIRGIN PEEK	TFM/VIRGIN PEEK	TFM/VIRGIN PEEK	2
7	BALL	ASTM A351 CF8M/A182 F316/ ASTM A564 630 H1150D	ASTM A351 CF8M/A182 F316/ ASTM A564 630 H1150D	ASTM A351 CF8M/A182 F316/ ASTM A564 630 H1150D	1
8	SPRING	304SS	304SS	304SS	1
9	STEM	ASTM A564 630 H1150D	ASTM A564 630 H1150D	ASTM A564 630 H1150D	1
†10	THRUST WASHER	TFM/PEEK	TFM/PEEK	TFM/PEEK	1
†11	STEM O-RING	VITON /HNBR	VITON GLT /HNBR	VITON /HNBR	1
†12	PACKING	GRAPHITE	GRAPHITE	GRAPHITE	1
13	PACKING FOLLOW	304SS	304SS	304SS	1
14	BELLEVILLE WASHER	304SS	304SS	304SS	1
15	GLAND FLANGE	304SS	CS	CS	1
16	BOLT	ASTM A320 L7M PLATED	ASTM A320 L7M	ASTM A320 L7M	2
17	HANDLE	ASTM A351 CF8	CS	CS	1
18	HANDLE NUT	304SS	CS	CS	1

† Minor repair Kit

Bold denotes standard offering

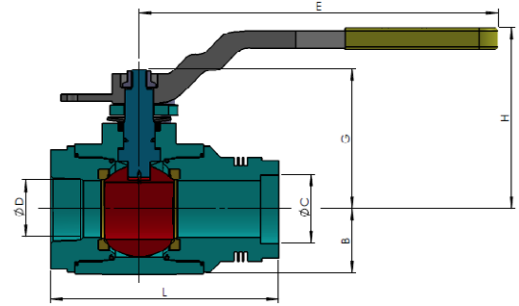
Note 1. (ITEM 4) With 6000 WOG Only

Note 2. (ITEM 6) TFM for 3000 WOG, VIRGIN PEEK for 4000/6000 WOG

Note 3. (ITEM 7) BALL Material ASTM A351 CF8M/A182 F316 for 3000 WOG, ASTM A564 630 H1150D for 4000 WOG and 6000 WOG

Note 4. (ITEM 10) TFM for 3000 WOG, PEEK for 4000 and 6000 WOG

Crown-Fusion Series 334 Ball Valve



Weights and Dimensions:

SIZE	WOG	BORE	D	C	L	L	L	B	G	H	E	Cv	WEIGHT
in/DN			in/mm	in/mm	NPT	SW	NPT X SW	in/mm	in/mm	in/mm	in/mm	gal/min	SW
					in/mm	in/mm	in/mm						kg/lbs
1/4/8	3000	FP	0.50/12.7	0.57/14.4	3.86/98	5.00/127	4.43/112	0.87/22	1.61/41	3.15/80	6.50/165	9	1.6/3.5
	4000												
	6000	FP	0.50/12.7	0.57/14.4	3.86/98	5.00/127	4.43/112	0.87/22	1.61/41	3.15/80	6.50/165	9	1.6/3.5
3/8/10	3000	FP	0.50/12.7	0.70/17.7	3.86/98	5.00/127	4.43/112	0.87/22	1.61/41	3.15/80	6.50/165	9	1.6/3.5
	4000												
	6000	FP	0.50/12.7	0.70/17.7	3.86/98	5.00/127	4.43/112	0.87/22	1.61/41	3.15/80	6.50/165	9	1.6/3.5
1/2/15	3000	FP	0.50/12.7	0.87/22.0	3.86/98	5.00/127	4.43/112	0.87/22	1.61/41	3.15/80	6.50/165	26	1.6/3.5
	4000												
	6000	FP	0.50/12.7	0.87/22.0	4.37/111	5.00/127	4.43/112	0.87/22	1.61/41	3.15/80	6.50/165	26	1.6/3.5
3/4/20	3000	FP	0.75/19.0	1.08/27.4	4.25/108	6.73/171	5.49/140	1.08/28	2.25/57	3.67/93	8.07/205	61	2.4/5.3
	4000												
	3000	RP	0.50/12.7	1.08/27.4	4.37/111	6.75/172	5.56/141	0.87/22	1.61/41	3.15/80	6.50/165	14	2.1/4.6
	4000												
	6000	FP	0.75/19.0	1.08/27.4	4.25/108	6.73/171	5.49/140	1.18/30	2.25/57	3.67/93	8.07/205	61	2.8/6.2
1/25	3000	RP	0.50/12.7	1.08/27.4	4.37/111	6.75/171	5.56/141	0.87/22	1.61/41	3.15/80	6.50/165	14	2.3/5.1
	4000												
	3000	FP	1.00/25.4	1.34/34.1	5.22/133	6.72/171	5.97/152	1.27/32	2.51/64	3.93/100	8.07/205	110	4.2/9.2
	4000												
	3000	RP	0.75/19.0	1.34/34.1	4.25/108	6.75/171	5.49/140	0.87/22	2.25/57	3.67/93	8.07/205	25	2.9/6.4
1-1/4/32	3000	FP	1.00/25.4	1.34/34.1	5.38/137	6.72/171	5.97/152	1.40/36	2.51/64	3.93/100	8.07/205	110	4.7/10.3
	4000												
	6000	FP	1.00/25.4	1.34/34.1	5.24/133	6.75/171	5.98/152	1.18/30	2.25/57	3.67/93	8.07/205	25	3.6/7.9
	4000	RP	1.50/38.0	1.69/42.9	6.26/159	8.54/217	7.40/188	2.00/51	3.56/91	5.30/135	10.04/255	170	10.2/22.4
	6000	RP	1.00/25.4	1.69/42.9	6.24/159	8.69/221	7.45/189	1.27/32	2.51/64	3.93/100	8.07/205	50	5.9/13.0
1-1/2/40	3000	FP	1.50/38.0	1.69/42.9	6.30/160	8.54/217	7.42/189	2.23/57	3.56/91	5.30/135	10.04/255	170	11.4/25.1
	4000												
	6000	FP	1.00/25.4	1.69/42.9	3.69/94	8.69/221	6.19/157	1.40/36	2.51/64	3.93/100	8.07/205	50	6.5/4.3
	3000	RP	1.50/38.0	1.93/49.0	6.26/159	8.54/217	7.40/188	2.00/51	3.56/91	5.30/135	10.04/255	260	10.1/22.2
	4000												
2/50	3000	RP	1.00/25.4	1.93/49.0	6.40/163	8.69/221	7.54/192	1.27/32	2.51/64	3.93/100	8.07/205	38	5.8/12.8
	4000												
	6000	FP	1.50/38.0	1.93/49.0	6.30/160	8.54/217	7.40/188	2.23/57	3.56/91	5.30/135	10.04/255	260	11.2/24.6
	4000	RP	1.00/25.4	1.93/49.0	6.40/163	8.69/221	7.54/192	1.40/36	2.51/64	3.93/100	8.07/205	38	6.3/ 43.9
	6000	FP	2.00/50.8	2.42/61.4	6.26/159	9.84/250	8.05/205	2.54/65	4.92/125	6.30/160	12.40/315	480	16.5/36.3
3/80	3000	RP	1.50/38.0	2.42/61.4	6.26/159	8.54/217	7.40/188	2.00/51	3.56/91	5.30/135	10.04/255	100	9.5/20.9
	4000												
	6000	FP	2.00/50.8	2.42/61.4	6.26/159	9.84/250	8.05/205	2.84/72	4.92/125	6.30/160	12.40/315	480	18.0/39.6
	4000	RP	1.50/38.0	2.42/61.4	7.40/188	8.54/217	7.97/203	2.23/57	3.56/91	5.30/135	10.04/255	100	10.5/23.1
	6000	RP	2.00/50.8	3.54/90.0	10.00/254	12.76/324	11.38/289	2.54/65	4.92/125	6.30/160	12.40/315	350	24.3/53.6
3/80	3000												
	6000	RP	2.00/50.8	3.54/90.0	10.28/261	12.76/324	11.52/292.5	2.84/72	4.92/125	6.30/160	12.40/315	350	24.3/53.6

Note 1. "L" DIMENSION ± 0.06 in. /1.5 mm



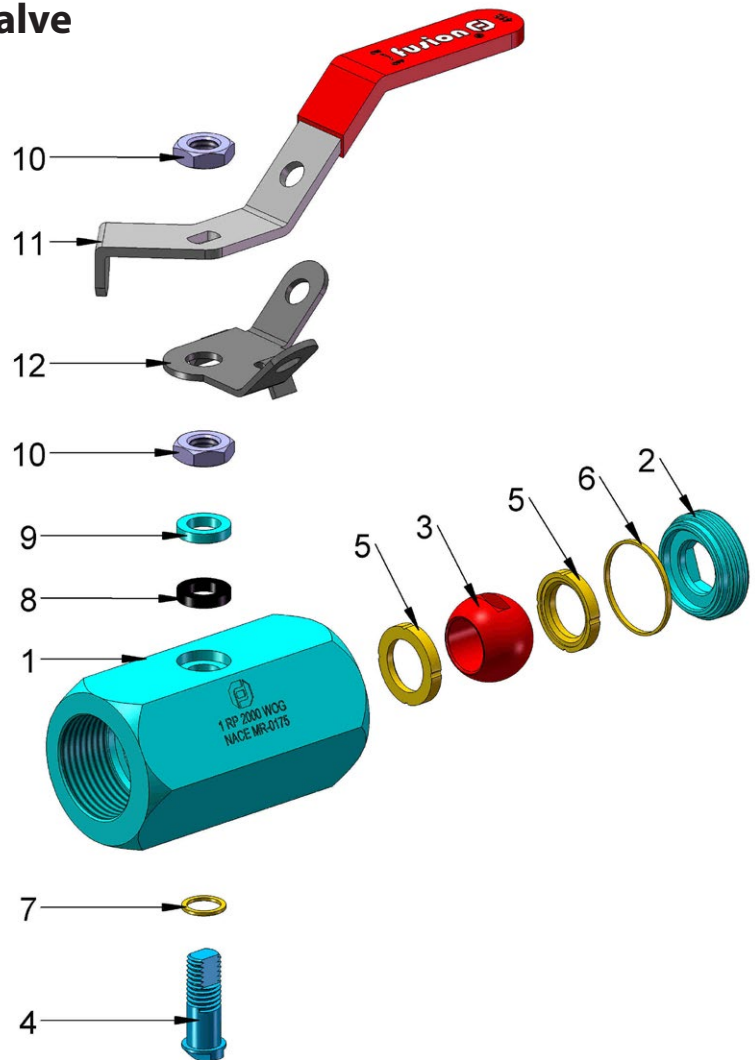
Crown-Fusion

Crown-Fusion Series 413 Ball Valve

Uni-Body Barstock

Threaded - 2000 WOG

Reg Port 1/4" - 2"



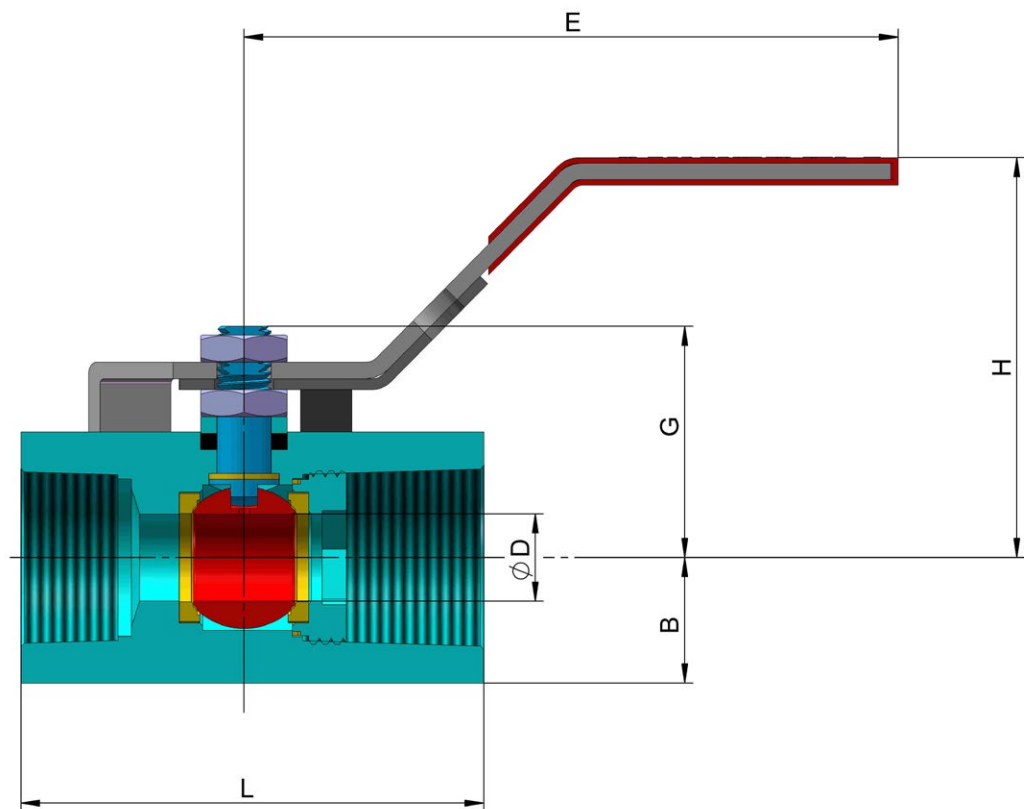
Bill of Materials:

ITEM	PART	CARBON STEEL
1	BODY	ASTM A696 Gr.C (CS)
2	SEAT RETAINER	ASTM A216 WCB or A696 Gr.C (CS)
3	BALL	ASTM A351 CF8 (304SS)
4	STEM	ASTM A479 304SS
†5	SEAT	RTFE
†6	GASKET	PTFE
†7	THRUST WASHER	RTFE
†8	PACKING	PTFE
9	PACKING FOLLOWER	304SS
†10	NUT	CS PLATED
11	HANDLE	CS PLATED WITH VINYL GRIP
12	LOCKING PLATE	CS PLATED

† Minor repair kit

Note 1. (Item 10) is a nut and spring washer for 1/4" and 3/8" only.

Crown-Fusion Series 413 Ball Valve



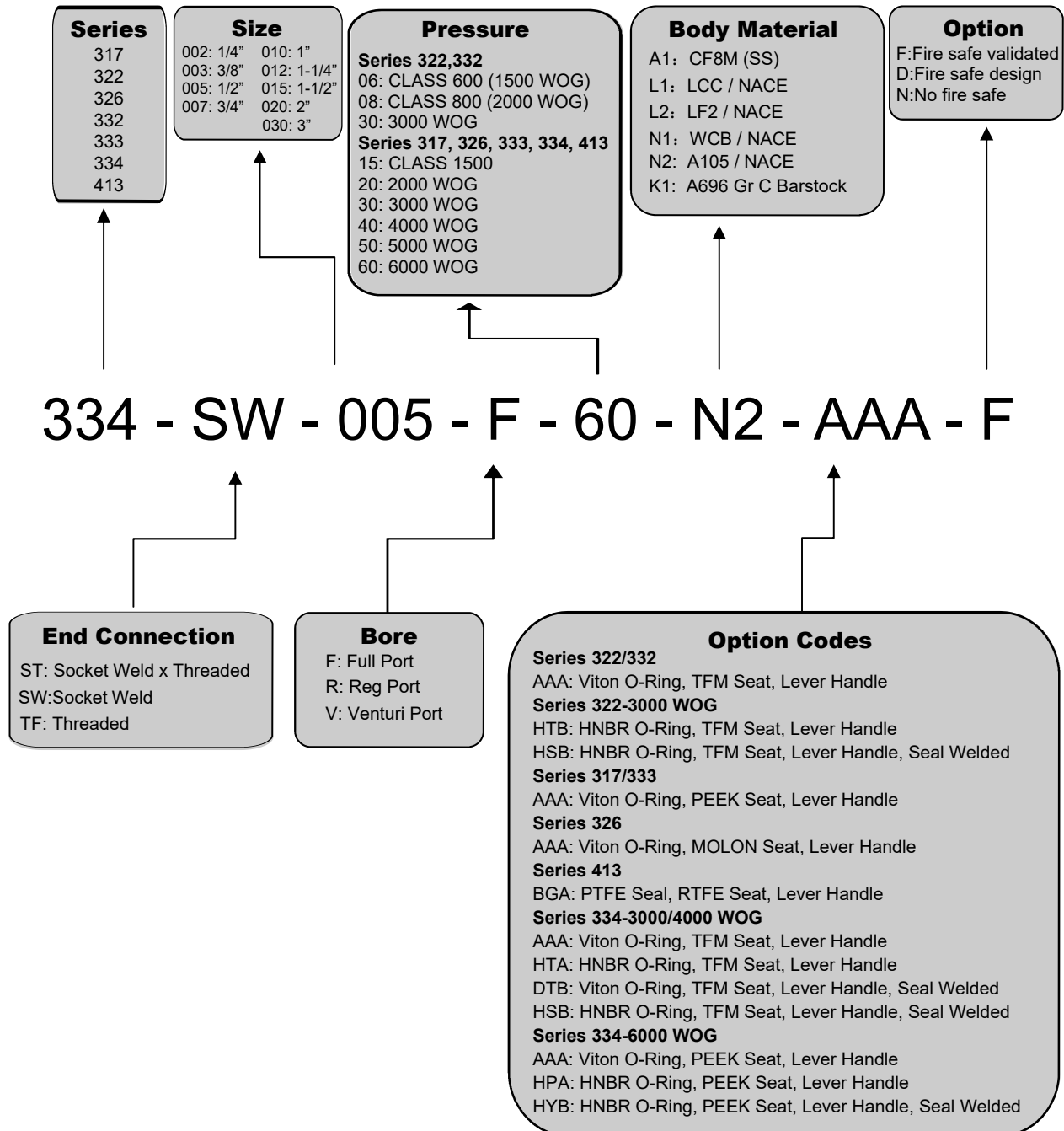
Weights and Dimensions (Reg Port):

SIZE	WOG/PN	D	L	B	G	H	E	Cv	WEIGHT
in/DN		in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	Gal/min	kg/lbs
1/4/8	2000/130	0.20/5	1.70/43	0.41/11	0.70/18	1.35/34	2.63/67	2	0.1/0.2
3/8/10	2000/130	0.28/7	1.86/47	0.50/13	0.90/23	1.46/37	2.63/67	3	0.2/0.4
1/2/15	2000/130	0.36/9	2.46/63	0.59/15	1.07/27	2.30/58	4.65/118	5	0.4/0.9
3/4/20	2000/130	0.49/13	2.75/70	0.71/18	1.20/31	2.44/62	4.65/118	9	0.5/1.1
1/25	2000/130	0.63/16	3.38/86	0.91/23	1.51/38	2.71/69	4.72/120	13	1.0/2.2
1 1/4/32	2000/130	0.79/20	3.69/94	1.08/28	1.79/46	2.98/76	5.75/146	21	1.4/3.1
1 1/2/40	2000/130	0.96/25	4.00/102	1.20/31	1.99/51	3.16/80	5.75/146	32	1.8/4.0
2/50	2000/130	1.26/32	4.50/114	1.48/38	2.26/58	3.49/89	6.00/153	55	2.9/6.4

Note 1. "L" DIMENSION $\pm 0.06\text{in./1.5mm}$



Ordering Information:



Ordering Repair Kits

SK=Minor Repair Kit– includes all soft goods (Seat and Seals) only

MK=Major Repair Kit– includes all soft goods (Seat and Seals) Ball and Stem

The code "SK" or "MK" in the end connection field denotes either minor (SK) or major (MK) repair kit.

Other Products Available

Swing Check Valves



Wafer Nozzle Check Valves



Piston Check Valves



Crown-Europa Nozzle Check Valve



Crown-Fusion DBB Trunnion Valves



Crown-Fusion Flanged Floating Ball Valves



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