

Trans-Flo
Series

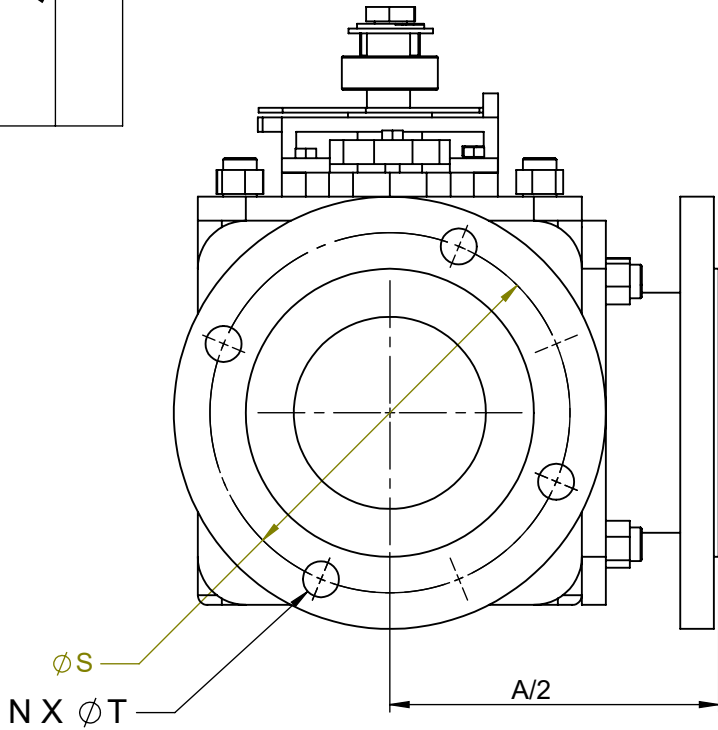
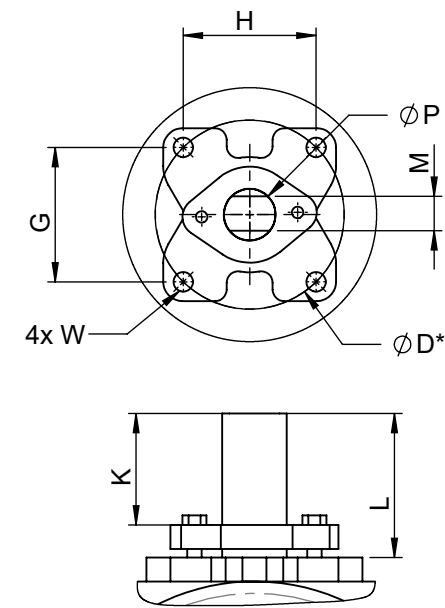
ANSI 150 316SS

TFM
Seat

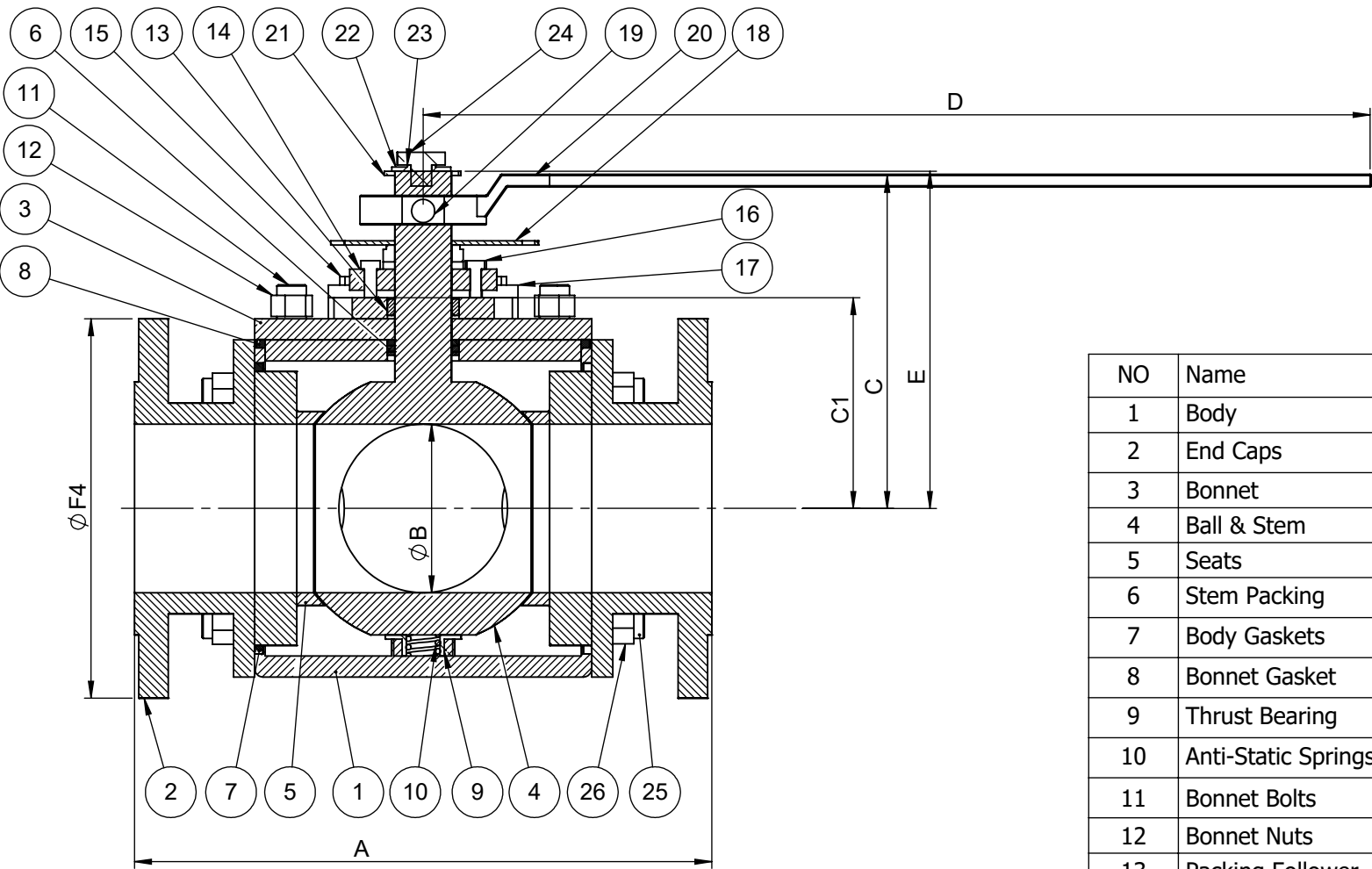
FULL
PORT

Size 2 1/2" - 4"

Actuator ISO Mounting Flange (F12)



SIZE	A	B	C	C1	D	E	F4	N	S	T	D*	G	H	K	L	M	P	W	ISO
2-1/2"	11.10	2.60	C/F	C/F	15.6	C/F	7.00	4	5.50	0.75	2.76	1.95	1.95	1.89	2.75	0.669	1.16	7/16-14UNC	F07
3"	11.26	2.99	5.76	3.86	15.6	6.85	7.50	4	6.00	0.75	4.02	3,50	1.89	2.28	2.99	0.669	1.16	1/2-13UNC	F10
4"	13.70	3.94	7.29	4.91	21.1	8.10	9.00	8	7.50	0.75	4.92	3,50	3,50	2.28	3.26	0.906	1.34	1/2-13UNC	F12



NO	Name	Material	Qty
1	Body	ASTM A351 CF8M	1
2	End Caps	ASTM A351 CF8M	3
3	Bonnet	ASTM A351 CF8M	1
4	Ball & Stem	ASTM A351 CF8M	1
5	Seats	TFM	3
6	Stem Packing	TFM/Graphite *	1
7	Body Gaskets	50/50/Graphite *	3
8	Bonnet Gasket	50/50/Graphite *	1
9	Thrust Bearing	50/50/PEEK *	1
10	Anti-Static Springs	SS304	1
11	Bonnet Bolts	ASTM A193 B8	set
12	Bonnet Nuts	ASTM A194 Gr. 8	set
13	Packing Follower	SS304	1
14	Packing Gland	ASTM A351 CF8	1
15	Gland Bolts	SS304	2
16	Housing Bolts	SS304	4
17	Stop Housing	ASTM A351 CF8	1
18	Travel Stop	SS304	1
19	Handle Screw	SS304	1
20	Handle	Ductile Iron	1
21	Snap Ring	Plated Steel	1
22	Port Sign	SS304	1
23	Plain Washer	SS304	1
24	Sign Screw	SS304	1
25	Body Studs	ASTM A193 B8	set
26	Body Nuts	ASTM A194 Gr. 8	set

ANSI CLASS 150	
SEAT TEST @ ANSI 150 PSI	ASME B16.34
SHELL TEST @ 425 PSI	ASME B16.34
PRESSURE TEMPERATURE RATING	ASME B16.34
END CONNECTION	ASME B16.25
JOINT STRENGTH	ASME B16.34
WALL THICKNESS	ASME B16.34
BASIC DESIGN	ASME B16.34

Drawn by : M

Checked by : M

Approved by : M

Date : November 9, 2018

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Scale : Not To Scale

Unit : Inch

Material : See Notes

Rev : 0

Sheet : xxx

Drawing Title: BW FULL BORE BALL VALVE

Drawing No.: DS-MPF15-SS-T-FFG-L-XXX

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