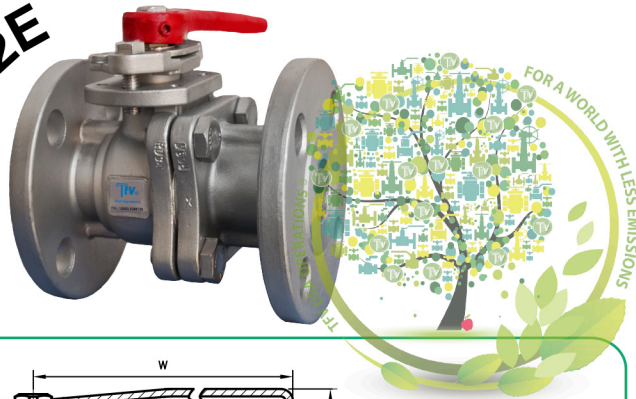




BALL VALVES

2 PCS FULL PORT BALL VALVE FLANGED ANSI CLASS 150 # / 300

series 2E



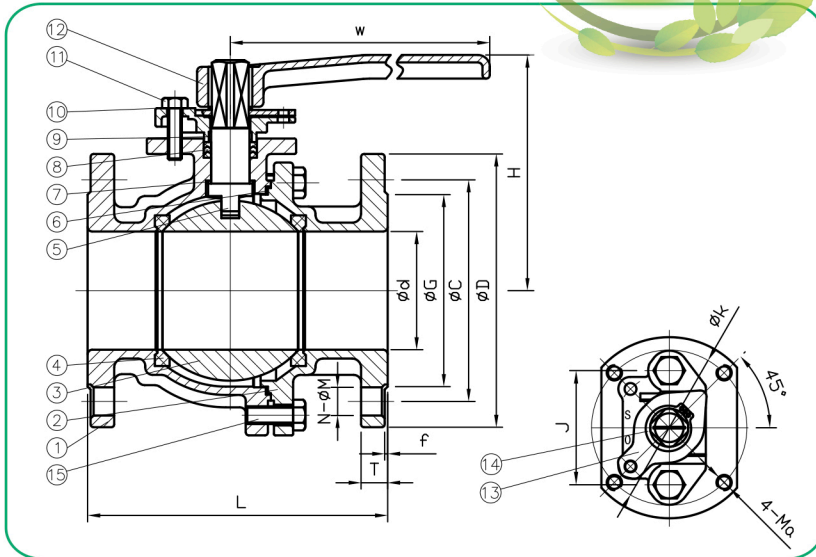
FEATURES

- FULL PORT MINIMIZES PRESSURE DROP AND PROLONG LIFE
- TWO PIECE SPLIT BODY DESIGN FACILITATES INSPECTION AND REPAIR
- ISO 5211 MOUNTING PAD FOR EASY AUTOMATION
- ANTI-STATIC DEVICE
- STEM SEAL: CHEVRON "V" RING DESIGN IMPROVES SEAL AND REDUCE ACTUATION TORQUE
- BOTTOM ENTRY BLOW-OUT STEM PROOF
- INVESTMENT CAST BODY CONSTRUCTION FROM 1/2" TO 4", UP SAND CAST
- LOCKING DEVICE
- FACE TO FACE ANSI B16.10 (LONG PATTERN)
- FLANGE DIMENSIONS: ANSI B16.5
- DESIGN ANSI B16.34
- TEST: API 598, **COMPLY WITH API 608**
- MANUFACTURED IN ISO 9001 APPROVED FACILITY

MATERIAL LIST

No.	PART NAME	MATERIAL
1	BODY	WCB CF8M
2	CAP	WCB CF8M
3	BALL	CF8M
4	SEAT	PTFE*
5	STEM	SS304 SS316
6	GASKET	PTFE
7	TRUST WASHER	PTFE
8	PACKING	PTFE
9	STEM PACKING	PTFE
10	GLAND	SCS13
11	GLAND BOLT	194-B8
12	HANDLE	FC
13	STOPPER	SS 304
14	SNAP RING	SS 304
15	BOLT	194-B8

* AVAILABLE SEATS: RPTFE, CARBON FILLED PTFE (POLIFILL), 316 SS 50/50 FILLED PTFE ... ETC



DIMENSION (INCHES)

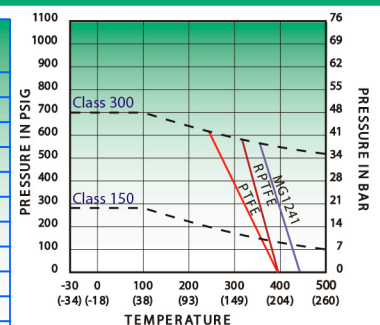
ANSI CLASS 150#

SIZE	Ød	ØD	ØC	ØG	f	T	N	ØM	L	H	J	ØK	W	WEIGHT (Lb)	TORQUE (IN-LBS)	ISO 5211 (mm) FLANGE		Cv
1/2"	0.59	3.50	2.38	1.38	0.06	0.44	0.16	0.63	4.25	3.35	1.97	1.65	6.30	5.50	92	F04	M5	26
3/4"	0.79	3.86	2.76	1.69	0.06	0.44	0.16	0.63	4.62	3.54	1.97	1.65	6.30	6.60	127	F04	M5	50
1"	0.98	4.25	3.13	2.01	0.06	0.44	0.16	0.63	5.00	3.94	1.97	1.65	6.30	9.90	150	F04	M5	94
1-1/4"	1.26	4.61	3.50	2.52	0.06	0.50	0.16	0.63	5.50	4.13	1.97	1.97	6.30	12.54	207	F05	M6	120
1-1/2"	1.57	5.00	3.88	2.87	0.06	0.56	0.16	0.63	6.50	4.33	2.44	2.76	8.11	15.40	311	F07	M8	260
2"	1.97	5.98	4.74	3.62	0.06	0.63	0.16	0.75	7.00	4.72	2.44	2.76	8.11	22.00	369	F07	M8	480
2-1/2"	2.56	7.01	5.49	4.13	0.06	0.69	0.16	0.75	7.50	6.30	2.95	2.76	12.76	30.80	518	F07	M8	750
3"	3.15	7.48	6.00	5.00	0.06	0.75	0.16	0.75	8.00	6.69	2.95	4.02	12.76	39.60	829	F10	M10	1300
4"	3.86	9.02	7.50	6.18	0.06	0.94	0.31	0.75	9.00	7.28	2.95	4.02	12.76	57.20	1267	F10	M10	2300
5"	4.92	10.00	8.50	7.32	0.06	0.94	0.31	0.87	14.00	10.24	3.50	4.92	25.59	83.60	2200	F12	M12	4500
6"	5.91	10.98	9.51	8.50	0.06	1.00	0.31	0.87	15.50	11.02	3.50	4.92	25.59	125.40	3200	F12	M12	5400
8"	7.80	13.50	11.75	10.63	0.06	1.13	0.31	0.87	18.00	13.39	3.94	4.92	33.46	204.60	4750	F12	M12	10000
10"	9.76	15.98	14.25	12.76	0.06	1.19	0.47	0.98	21.00	15.75	3.94	5.51	39.37	323.40	13000	F14	M16	15000
12"	11.73	19.02	17.01	15.00	0.06	1.25	0.47	0.98	24.00	GO	3.94	5.51	39.37	440.00	19500	F14	M16	21000

ANSI CLASS 300#

PRESSURE-TEMPERATURE CHART

SIZE	Ød	ØD	ØC	ØG	f	T	N	ØM	L	H	J	ØK	W	WEIGHT (Lb)	TORQUE (IN-LBS)	ISO 5211 (mm) FLANGE		Cv
1/2"	0.59	3.74	2.62	1.38	0.06	0.56	0.16	0.63	5.50	3.35	1.97	1.65	6.30	5.94	128	F04	M5	26
3/4"	0.79	4.61	3.25	1.69	0.06	0.63	0.16	0.75	6.00	3.54	1.97	1.65	6.30	7.22	152	F04	M5	50
1"	0.98	4.88	3.50	2.01	0.06	0.69	0.16	0.75	6.50	3.94	1.97	1.65	6.30	14.21	177	F04	M5	94
1-1/2"	1.57	6.14	4.51	2.87	0.06	0.81	0.16	0.87	7.50	4.33	2.44	2.76	8.11	19.47	312	F07	M8	260
2"	1.97	6.50	5.00	3.62	0.06	0.88	0.31	0.75	8.50	4.72	2.44	2.76	8.11	25.23	445	F07	M8	480
2-1/2"	2.56	7.48	5.87	4.13	0.06	1.00	0.31	0.87	9.50	6.30	2.95	2.76	12.76	44.00	600	F07	M8	750
3"	3.15	8.27	6.61	5.00	0.06	1.13	0.31	0.87	11.12	6.69	2.95	4.02	12.76	55.55	850	F10	M10	1300
4"	3.86	10.00	7.87	6.18	0.06	1.25	0.31	0.87	12.00	7.28	2.95	4.02	12.76	85.47	1900	F10	M10	2300
5"	4.92	10.98	9.25	7.32	0.06	1.38	0.31	0.87	11.00	10.24	3.50	4.92	25.59	110.00	2500	F12	M12	4500
6"	5.91	12.52	10.63	8.50	0.06	1.44	0.47	0.87	15.88	11.02	3.50	4.92	25.59	191.40	4800	F12	M12	5400
8"	7.80	15.00	12.99	10.63	0.06	1.63	0.47	0.98	19.75	13.39	3.94	4.92	33.46	343.20	7600	F12	M12	10000





BALL VALVES

2 PCS FULL PORT BALL VALVE
FLANGED ANSI CLASS 150 # / 300 #

HOW TO ORDER

VALVE BODY DESIGN (SERIES)	FEATURES		MATERIAL			ENDS	CLASS ⁽¹⁾	SIZE		OPERATION	
			BODY	TRIM	SEAT						
2E Full Port 2 Pcs Floating Ball Valve Gland Flange Design	NONE	NONE	2 WCB	3 316SS	P PTFE	F Flanged RF	0 ANSI 150#	0.5	1/2"	L	Manual lever Operator
		O			Oxigen Service			R R-PTFE	3 ANSI 300#		
					C Carbon Filled PTFE			01	1"	B	Bare Shaft
							01.25	1 1/4"	P		
								01.5		1 1/2"	E
								02	2"		
								02.5	2 1/2"		
								03	3"		
								04	4"		
								05	5"		
								06	6"		
								08	8"		
								10	10"		
								12	12"		

Example

Full Port Ball Valve, Body & Trim 316SS, Seats: R-PTFE, Ends: Flanged, ANSI Class 150#, Size 2" with Lever.

2E-33R-F002L

NOTES

(1) ANSI class 150# from 1/2" to 12", ANSI class 300# from 1/2" to 8"

