

Super-Tek Seat

CS

2000 WOG

Fusion Series

T23-CS-F-F-G-O-???

NON FIRESAFE PER API 607-5

SIZE		Ø D		d		Ø G		H		C		I		Ø J		K		A	M		P		E		FO
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm		
1/4"	8	0.43	11	3.58	90.93	1.42	36	2.40	60.96	0.94	24	0.20	5	0.31	8	0.35	9	2.32	59	M5	0.57	14.50	2.20	55.88	F04
3/8"	10	0.49	12.50	3.58	90.93	1.42	36	2.40	60.96	0.94	24	0.20	5	0.31	8	0.35	9	2.32	59	M5	0.57	14.50	2.20	55.88	F04
1/2"	15	0.59	15	3.58	90.93	1.42	36	2.52	64.00	1.06	26	0.20	5	0.31	8	0.45	11.50	2.52	64	M5	0.69	17.50	2.20	55.88	F04
3/4"	20	0.79	20	3.58	90.93	1.42	36	2.74	69.60	1.28	32.50	0.24	6	0.39	10	0.55	14	2.87	73	M5	0.79	20	2.20	55.88	F04
1"	25	0.98	25	4.88	123.95	1.65	42	3.66	92.96	1.52	38.60	0.31	8	0.47	12	0.65	16.50	3.35	85	M5	0.91	23	2.76	70.10	F05
1 1/4"	32	1.26	32	4.88	123.95	1.65	42	3.78	96.01	1.63	41.50	0.31	8	0.47	12	0.65	16.50	3.94	100	M5	0.91	23	2.76	70.10	F05
1 1/2"	40	1.50	38	5.28	134.11	1.97	50	4.27	108.71	2.01	51.15	0.31	8	0.55	14	0.79	16.50	4.53	115	M6	1.06	27	3.31	84.07	F07
2"	50	1.97	50	5.28	134.11	1.97	50	4.80	121.92	2.56	65	0.39	10	0.55	14	0.79	20	5.28	134	M6	1.06	27	3.31	84.07	F07

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OVAL HANDLE

10, 11, 12, 15, 16

Pressure Release Hole

7

DETAIL D

14

M

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QR CODE

No.	Parts	Material
1	Body	ASTM A216 WCB
2	End Cap	ASTM A216 WCB
3	Seat	Super-Tek
4	Ball	ASTM A351 CF8
5	Gasket	Graphite
6	Thrust Washer	TFM
7	Stem Packing	TFM
8	Stem	A276-304 / 17-4PH
9	Gland	SS304
10	Handle Washer	SS304
11	Handle Nut	SS304
12	Handle	Zinc Plated Steel
13	Handle Cover	PVC
14	Stop Screw	Steel
15	Locking Device	Zinc Plated CS
16	Anti-Static Device	SS304

PRESSURE RATING 2000 WOG	
SEAT TEST @ 80~100 PSI	ASME B16.34
SHELL TEST @ 2175 PSI	ASME B16.34
PRESSURE TEMPERATURE RATING	ASME B16.34
END CONNECTION	ASME B16.11
JOINT STRENGTH	ASME B16.34
WALL THICKNESS	ASME B16.34
BASIC DESIGN	ASME B16.34

FOR CERTIFIED DRAWING CONSULT FACTORY

Drawn by : M
Checked by : M
Approved by : M

Date : June 17, 2019
Date : June 17, 2019
Date : June 17, 2019

Scale : Not To Scale
Unit : Inch
Material : See Notes

Rev : 0
Sheet : xxx

Drawing Title: NPT - FULL PORT BALL VALVE
Drawing No.: DS-T23CSFFGO???

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