

ASME Flange Ball Valve Fig. A93D



Split body - Full bore - ANSI 150 - direct mounting construction

Fig. 93D - 150lbs 1/2" -4"

Stainless steel / Carbon steel Investment casting

Temperature range -20°C to 230°C



Certificates:

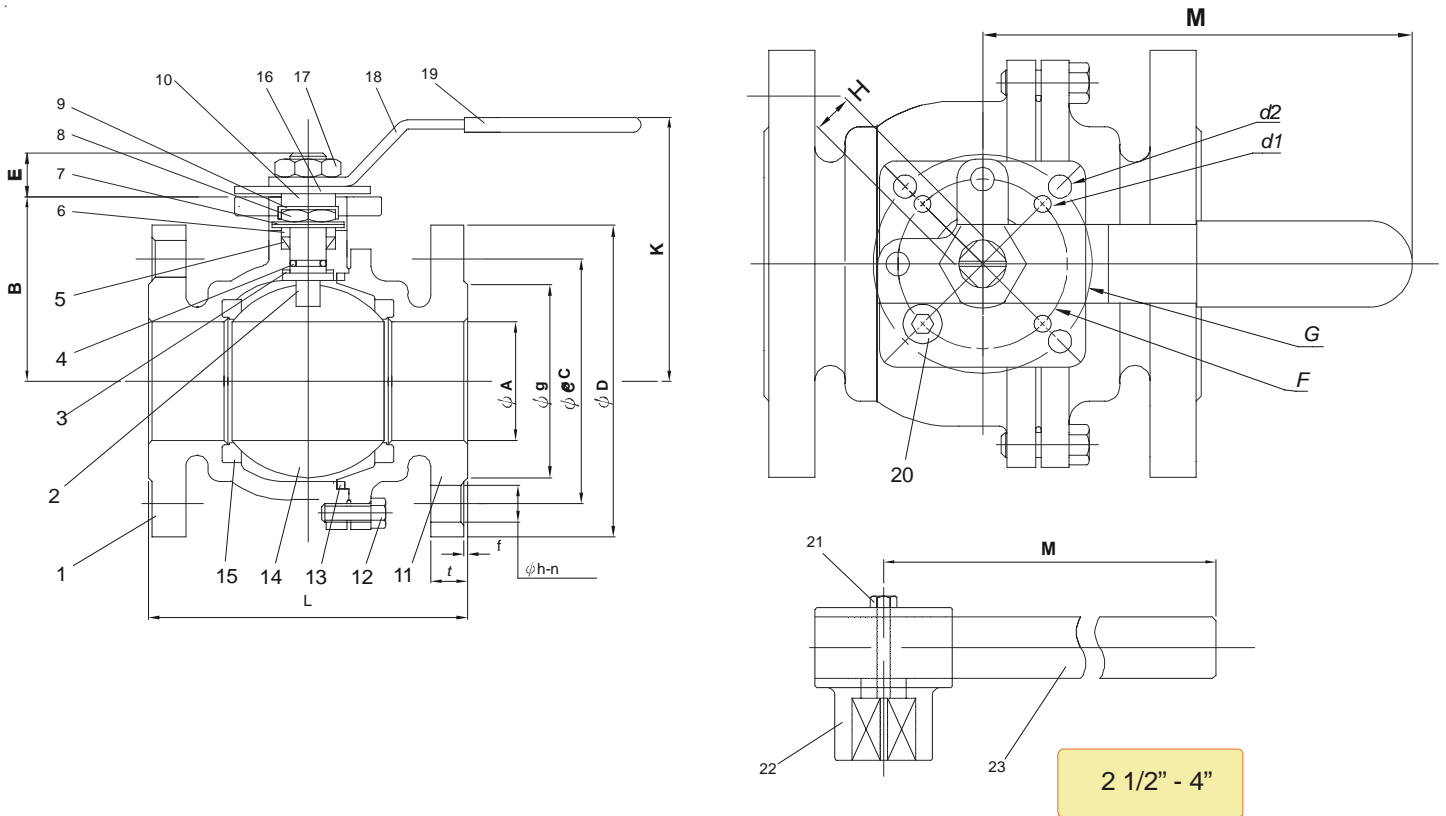
ATEX Ex II 2GDc IIB/IIC
CE 0036 according to PED 97/23/EC
Firesafe according to BS 6755/2
FDA 21 CFR 177.1550
Sulfide stress cranking NACE MR-01-75

Valve design	ASME B16.34
Face to face:	ASME B16.10
Flange connection	ASME B16.50

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1/2" - 4" ANSI 150

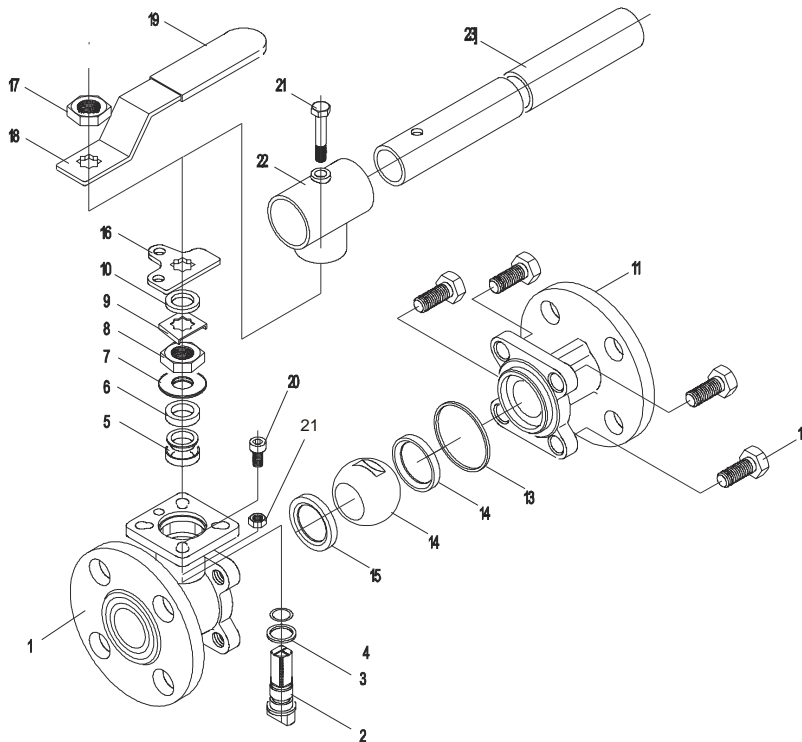


SIZE	A	B	E	L	H	K	M	F	G	d1	d2	CLASS150 FLANGE DIMENSIONS							Weight kg
												D	C	H	N	t	g	f	
1/2"	15	48	11	108	9	80	130	36	42	6	6	89	60.5	16	4	11.5	35	1.6	1.73
3/4"	20	53	11	117	9	80	130	36	42	6	6	98	70	16	4	11.5	43	1.6	2.13
1"	25	59	14	127	11	90	165	42	50	6	7	108	79.5	16	4	11.5	51	1.6	2.92
1-1/4"	32	71	14	140	11	102	165	42	50	6	7	117	89	16	4	12.7	64	1.6	4.02
1-1/2"	38	76	18	165	14	110	205	50	70	7	9.2	127	98.5	16	4	14.3	73	1.6	5.90
2"	50	85	18	178	14	120	205	50	70	7	9.2	152	120.5	19	4	15.9	92	1.6	8.72
2-1/2"	65	93.5	23	190	17	140	300	70	102	9.2	11.4	178	139.5	19	4	17.8	105	1.6	13.33
3"	80	103	23	203	17	150	340	70	102	9.2	11.4	190	152.5	19	4	19.1	127	1.6	17.03
4"	100	132	25	229	22	180	420	102	125	11.4	13.5	229	190.5	19	8	24.0	157	1.6	28.98

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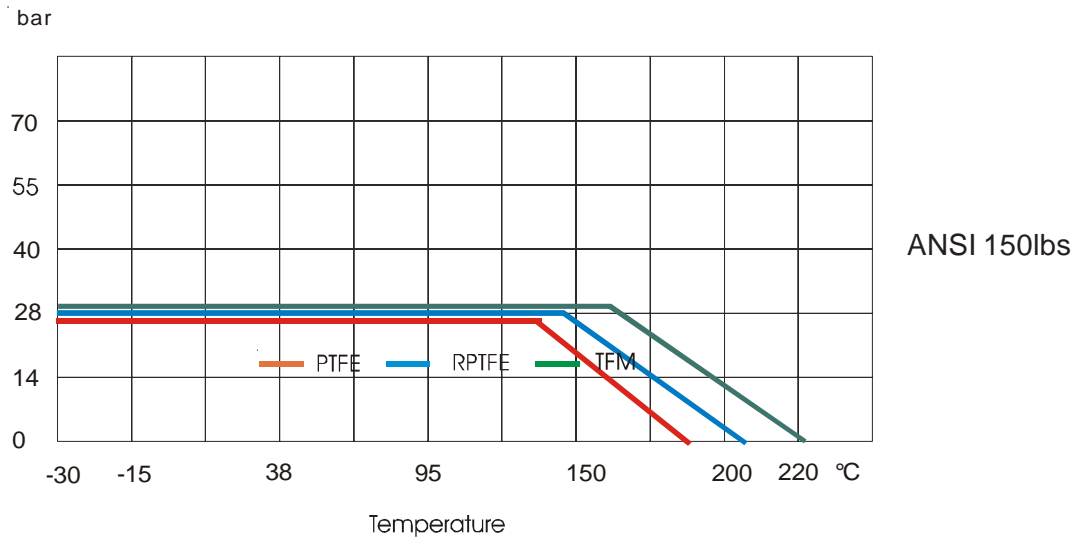


Item	Part	Material
1	Body part	CF8M/ WCB
2	Stem	316
3	Thrust washer	RPTFE
4	O-ring	Viton
5	Stem packing	PTFE / Graphite
6	Stem seal follower	316
7	Disk washer	301
8	Stem nut	304
9	Saddle lock	304
10	Washer	304
11	Flange part	CF8M / WCB
12	Body screw	304
13	Gasket	PTFE / Graphite
14	Ball	316
15	Seat	PTFE / RPTFE
16	Stop plate	304
17	Handle nut	304
18	Handle	304
19	Sleeve	PVC
20	Stop pin	304
21	Fastening nut	304
22	Lever adapter	CF8M
23	Handle	304

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Pressure / temperature graph



Minimum temperature for stainless steel body only, for carbon steel body -10°C

Break torques (Nm) for lubricating media , at delta p= 0 bar, safety factor +30% included

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ANSI 150 lbs	8	10	12	16	26	31	70	81	162