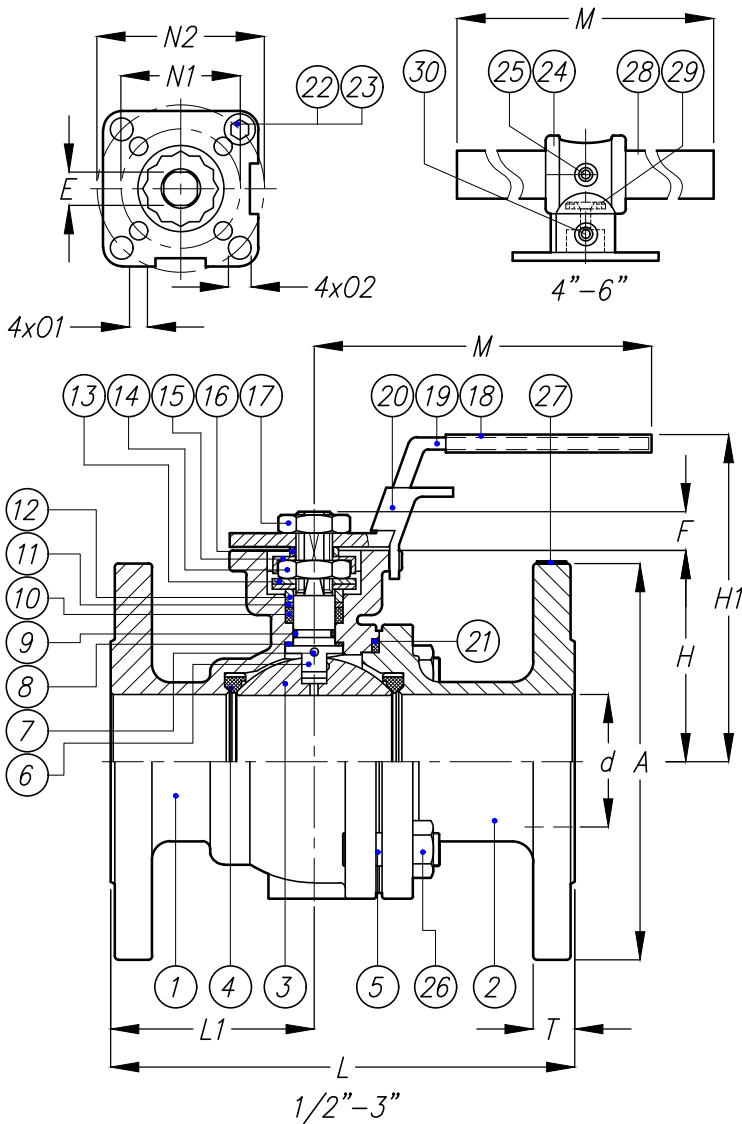


# BALL VALVE OF CAST STEEL, ASME Class 150#, ECON FIG. 7245

FLANGES ACC. TO ASME 150#, DIRECT MOUNT, WITH LOCKING DEVICE



POS	NAME	MATERIAL
1	BODY	A216-WCB
2	BODY END	A216-WCB
3	BALL	A351-CF8M   A351-CF8 1)
4	SEAT RING	PTFE (TFM1600)
5	STEM	A193-B7
6	STEM SEAL	A276-316   A276-304 1)
7	ANTISTATIC DEVICE	AISI 304
8	THRUST WASHER	PTFE
9	O-RING	VITON
10	STEM SEAL	GRAFOIL
11	BUSH	AISI 304
12	GLAND	AISI 316
13	BELLEVILLE WASHER	AISI 301
14	NUT	A194-8
15	LOCK PLATE	AISI 304
16	GLAND	AISI 304
17	STEM NUT	A194-8
18	SLEEVE	PLASTIC
19	LEVER 1/2" TO 3"	AISI 304
20	LOCKING DEVICE	AISI 304
21	GASKET	SPW 316L/PTFE/GRAPHITE
22	CAP SCREW	A2-70
23	NUT	A2-70
24	HANDLE ADAPTOR	CF8
25	SET SCREW	A 193-B8
26	BODY NUT	A194-2H
27	NAME PLATE	AISI 304
28	PIPE HANDLE	A53+PLATED ZN
29	BOLTING	A2-70
30	SET SCREW	A 193-B8

- DESIGN ACC. TO ASME B16.34, API608, EN ISO 17292
- FIRE SAFE CERTIFICATED ACC. TO API607 6TH EDITION AND EN-ISO 10497 (2010)
- ANTI-STATIC DEVICES
- DOUBLE STEM SEALING ACC. TO TA-LUFT
- PRESSURE RELIEF HOLE IN BALL
- F TO F DIMENSION ACC. ANSI B16.10, LONG PATTERN
- FLANGE FACINGS ACC. TO ASME B16.5 RF (Ra 3.2.-6.3)
- TOP-FLANGE ACC. TO ISO 5211 (DIRECT MOUNT)
- 8" BARE SHAFT / WITHOUT OPERATOR

1) AVAILABLE ALTERNATIVE

DN	∅d	∅A	#E	F	H	H1	L	L1	M	∅N1	∅N2	∅O1	∅O2	T	m(kg)
1/2"	15.0	89.0	9	9	48.0	79.0	108	45.5	145	36	42	6	6	9.7	1.7
3/4"	20.0	98.6	9	9	53.0	84.0	117	50.0	145	36	50	6	7	10.5	2.2
1"	25.0	108.0	11	11	58.5	90.5	127	54.0	175	42	50	6	7	11.2	2.9
1.1/4"	32.0	117.0	11	11	71.0	103.0	140	62.4	175	42	70	6	9	12.7	3.9
1.1/2"	38.0	127.0	14	14	76.0	111.0	165	64.0	194	50	70	7	9	14.2	5.9
2"	50.0	152.5	14	14	81.0	116.0	178	78.0	194	50	70	7	9	15.9	8.4
2.1/2"	63.5	177.8	17	17	101.5	150.0	190	85.0	265	70	102	9	11	17.5	13.4
3"	76.0	190.5	17	17	111.5	160.0	203	91.5	265	70	102	9	11	19.1	17.8
4"	100.0	228.6	22	22	140.0	182.0	229	108.0	400	-	102	-	11	23.9	30.5
5"	125.0	254.0	27	27	183.0	260.0	356	153.0	600	-	125	-	14	24.0	53.5
6"	150.0	279.4	27	27	202.0	280.0	394	162.0	800	-	125	-	14	25.4	72.0
8"	200.0	342.9	27	27	252.5	279.5	457	191.0	-	125	140	14	18	28.5	131.4

DATE:  
17-05-2005

REV. DATE:  
01-03-2016

**econ**®

DRAWN:  
RTH

CHECKED:  
RV

DWG. Nr.:  
7245

REV.:  
D