BALL VALVE
FIG. 10AIT

GENERAL FEATURES:

- Full bore ball valve in carbon steel, DN 10 - DN 100
- Wafer type with PN 16/40 flanges (DN 10 - DN 50), PN 16 flanges (DN 65 - DN 100)
- With threaded holes according to EN 1092-1 / DIN 2501
- Anti-static device
- Anti blow-out stem
- Fire Safe according to EN ISO 10497 and API 607
- Mounting flange according to ISO 5211, DIN 3337





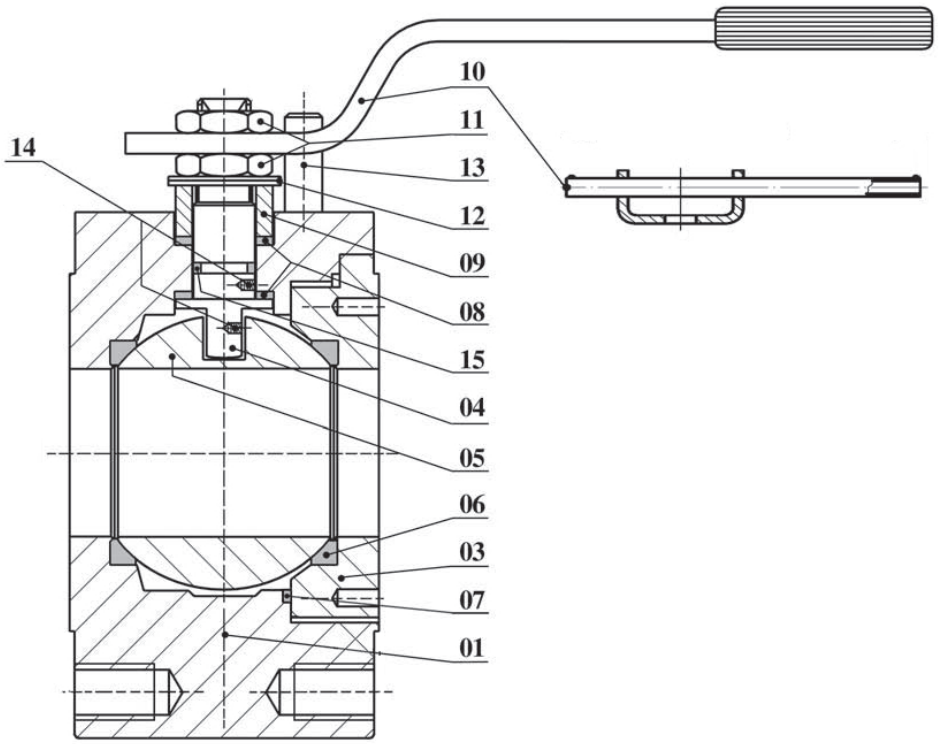
Fire safe tested

TÜV
TA Luft

ATEX

DESIGN STANDARDS	
Flanges	DIN 2501, EN 1092-1
Actuator mounting flange	ISO 5211, DIN 3337
Marking	EN 19, CE-PED
TESTS AND CERTIFICATES	
Quality Assurance	ISO 9001, CE-PED
Fire Safe certification	EN ISO 10497: 2004, API 607
Pressure testing	EN 12266
Other	ATEX: II 2 GD c T6 X, TA Lüft

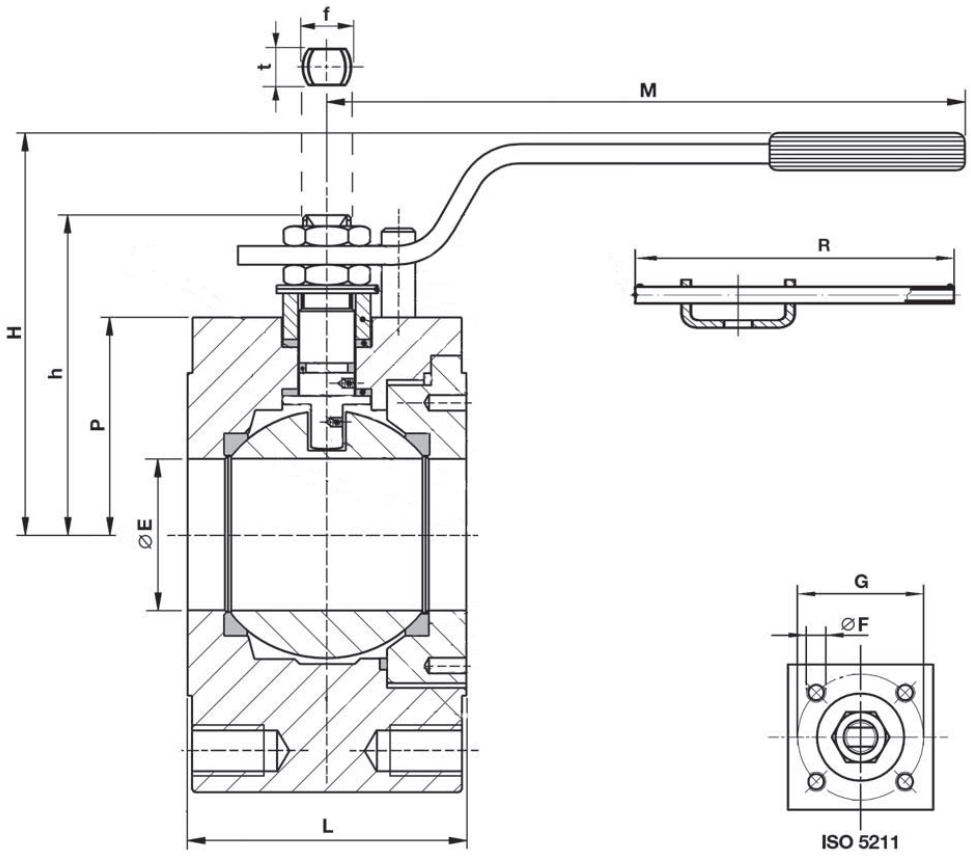
Subject to changes



Item	Description	Materials
1	Body	ASTM A105
3	Closure	ASTM A105
4	Stem	ASTM A479 F6a (AISI 410)
5	Ball	ASTM A351 CF8
6	Seats	TFM
7	Body gasket	PTFE + graphite
8	Washer	PTFE + graphite
9	Gland	CF9SMnPb36 UNI 4838, zinc coated
10	Lever	Fe37 UNI 7070, zinc coated
11	Nut/lock nut	Cl.8
12	Spring washer	51 CrV4, zinc coated
13	Stop device	Cl. 8.8, zinc coated
14	Antistatic device	AISI 316
15	Stem O-ring	Viton

Subject to changes

BALL VALVE
FIG. 10AIT - Dimensions



DIMENSIONS: (mm)

DN	Ø	ØE	L	M	R	H	h	P	f	t	ISO 5211	ØF	G	kg
10	3/8"	14	36	150	-	84	52	33,0	10	6	F03	M5	36	1,5
15	1/2"	14	36	150	-	84	52	33,0	10	6	F03	M5	36	1,5
20	3/4"	19	39	150	-	87	54	36,0	10	6	F03	M5	36	2,0
25	1"	24	43	185	-	95	69	43,0	12	8	F03	M5	36	2,7
32	1 1/4"	29	51	185	-	99	72	48,0	12	8	F03	M5	36	4,0
40	1 1/2"	38	63	275	-	118	95	63,0	16	10	F05	M6	50	6,5
50	2"	48	83	275	-	126	101	68,5	16	10	F05	M6	50	10,0
65	2 1/2"	64	107	380	-	143	122	82,0	22	14	F07	M8	70	17,0
80	3"	76	120	380	-	149	127	88,5	22	14	F07	M8	70	20,5

Subject to changes

PRESSURE-TEMPERATURE CHART:

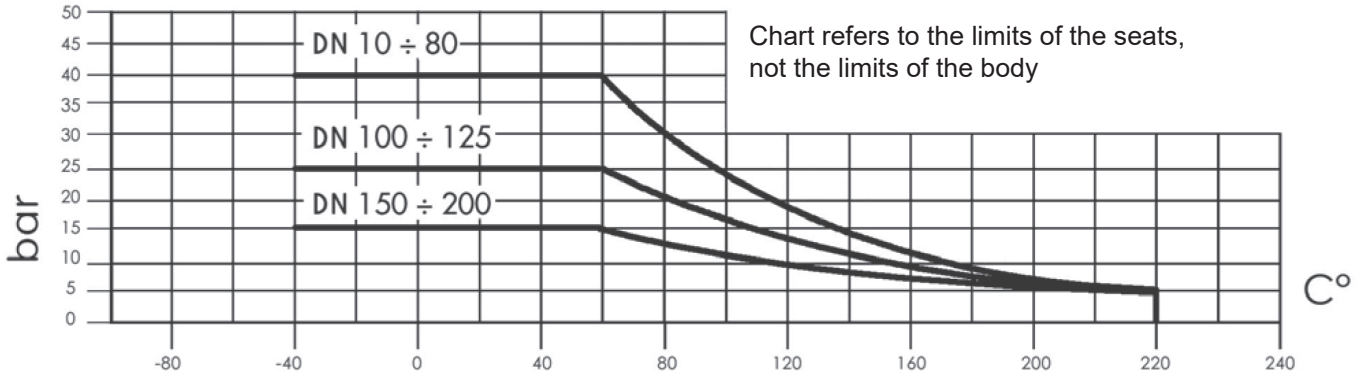


Chart refers to the limits of the seats, not the limits of the body

TORQUES: (Nm)

DN	Differential pressure	
	16 bar	40 bar
10	4	5
15	6	9
20	9	13
25	13	17
32	15	21
40	28	39
50	36	50
50X	36	50
65	64	-
80	77	-
100X	127	-

Subject to changes