BALL VALVE
FIG. 10NFAIT

ALFA VALVOLE

GENERAL FEATURES:

- Full bore ball valve in carbon steel, DN 10 - DN 200
- Wafer type with PN 16/40 flanges (DN 10 - DN 50), PN 16 flanges (DN 65 - DN 200)
- 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

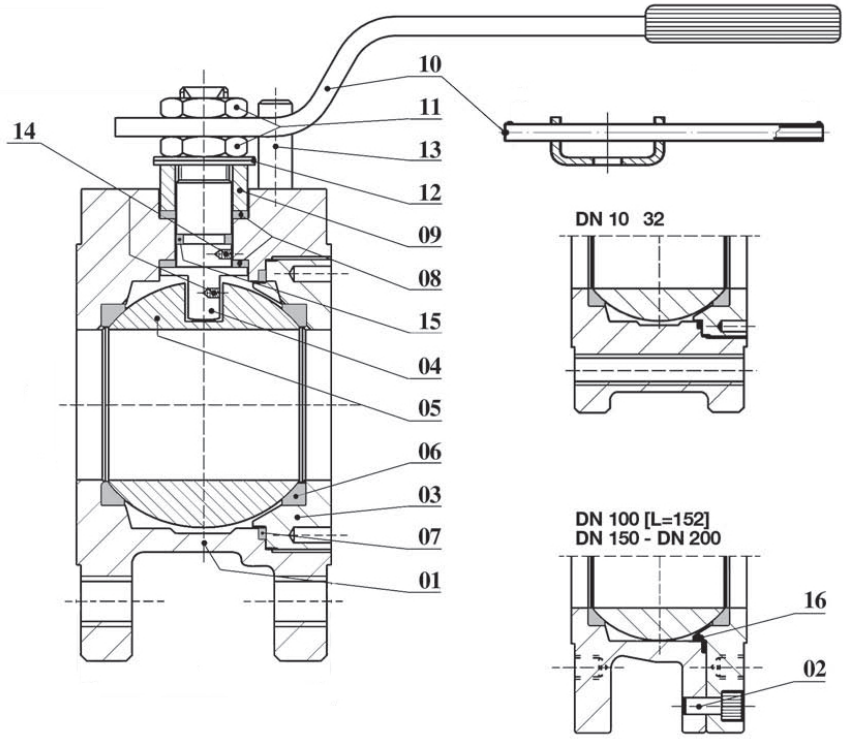
CE

TÜV
TA Luft

Ex
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

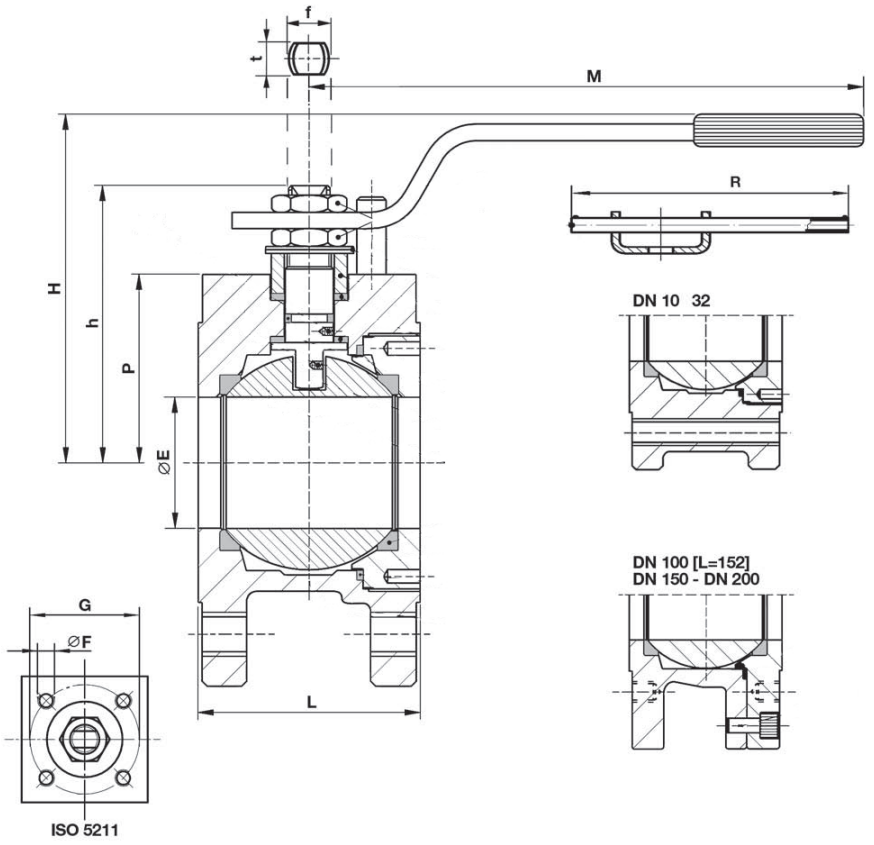
Subject to changes



Item	Description	Materials
1	Body	ASTM A216 WCB
2	Screw	C.I.8.8
3	Closure	ASTM A216 WCB (DN125: 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 plated
10	Lever	Fe37 UNI 7070, zinc plated
11	Nut/lock nut	Cl. 8
12	Spring washer	51CrV4 zinc plated
13	Stop device	Cl. 8.8 zinc plated
14	Antistatic device	AISI 316
15	Stem O-ring	Viton
16	Body O-ring	Viton

Subject to changes

BALL VALVE
FIG. 10NFAIT - 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	1,2
15	1/2"	14	36	150	-	84	52	33,0	10	6	F03	M5	36	1,2
20	3/4"	19	39	150	-	87	54	36,0	10	6	F03	M5	36	1,7
25	1"	24	43	185	-	95	69	43,0	12	8	F03	M5	36	2,0
32	1 1/4"	29	51	185	-	99	72	48,0	12	8	F03	M5	36	3,0
40	1 1/2"	38	63	275	-	118	95	63,0	16	10	F05	M6	50	4,5
50	2"	48	83	275	-	126	101	68,5	16	10	F05	M6	50	5,8
65	2 1/2"	64	107	380	-	143	122	82,0	22	14	F07	M8	70	10,0
80	3"	76	120	380	-	149	127	88,5	22	14	F07	M8	70	13,0
100	4"	95	152	440	500	185	151	103,0	30	18	F10	M10	102	22,0
125	5"	118	180	440	500	200	167	120,0	30	18	F10	M10	102	30,0
150	6"	152	243	-	800	273	220	153,0	45	30	F14	M16	140	69,0
200	8"	203	314	-	800	322	270	200,0	52	30	F14	M16	140	132,0

Subject to changes

PRESSURE-TEMPERATURE CHART:

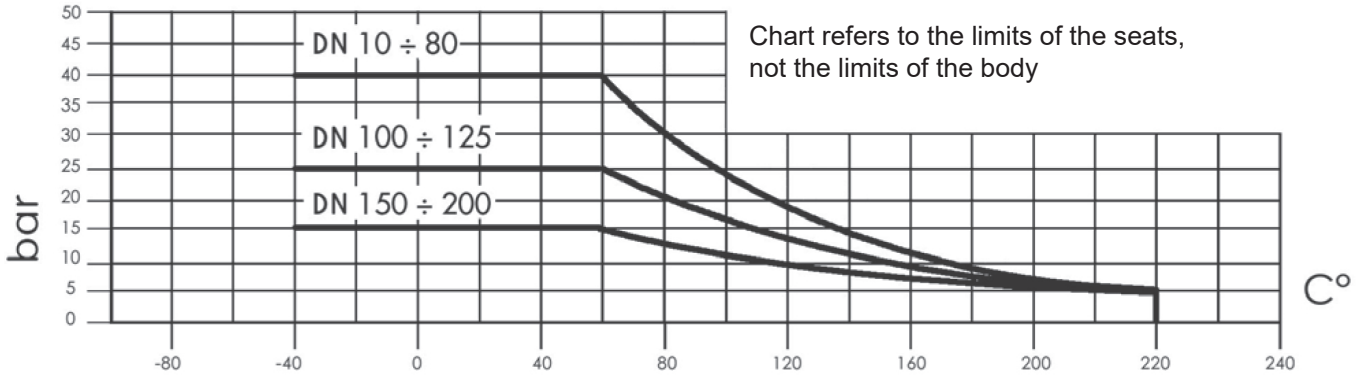


Chart refers to the limits of the seats, not the limits of the body

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	-
100	127	-
125	153	-
150	319	-
200	509	-

Subject to changes