BALL VALVE
FIG. 221AIIT-0303

GENERAL FEATURES:

Two piece ball valve with full bore
Body in stainless steel ASTM A351 CF8M
Ball in stainless steel ASTM A351 CF8M
Anti-blowout stem
Lockable lever
Seats in PTFE, glassfiber filled
Max. working pressure: 63 bar (up to 3/4”), 50 bar (1” - 1 1/4”), 40 bar (1 1/2” - 2”), 25 bar (2 1/2” - 3”), 16 bar (4”)
Temperature range: -20°C ~ 180°C
Connection: Threaded BSP (according to ISO 228-1)

USAGE:

- Chemical and pharmaceutical industries
- Petrochemical industries
- Hydraulic installations
- Compressed air



HEAD CERTIFICATION ISO 9001 : 2008

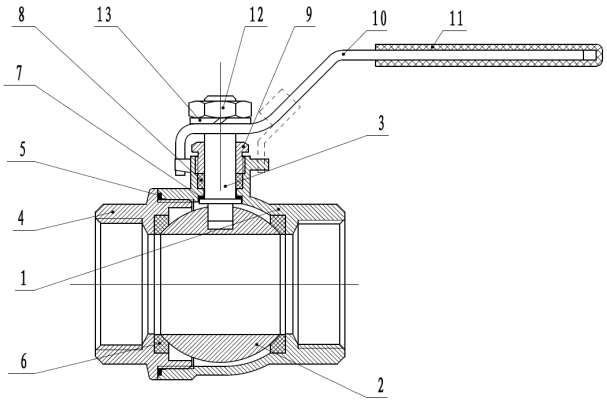
CE

TÜV SÜD PED 2014/68/EU

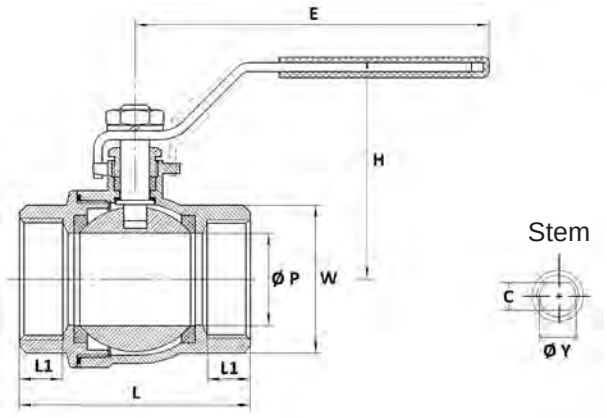
DESIGN STANDARDS	
Connection	BSP according to ISO 228-1
TESTS AND CERTIFICATES	
Quality Assurance	ISO 9001, CE-PED
Pressure testing	EN 12266-1, rate A

Subject to changes

BALL VALVE
FIG. 221AIIT-0303



N°	Description	Materials
1	Body	Stainless steel ASTM A351 CF8M
2	Ball	Stainless steel ASTM A351 CF8M
3	Stem	Stainless steel AISI 316
4	End cap	Stainless steel ASTM A351 CF8M
5	Body gasket	PTFE
6	Seat	PTFE + 15% Glassfiber
7	Stem gasket	PTFE
8	Packing	PTFE
9	Packing nut	Stainless steel AISI 304
10	Lever	Stainless steel AISI 304
11	Lever sleeve	Plastic
12	Lever nut	Stainless steel AISI 304
13	Lever washer	Stainless steel AISI 304

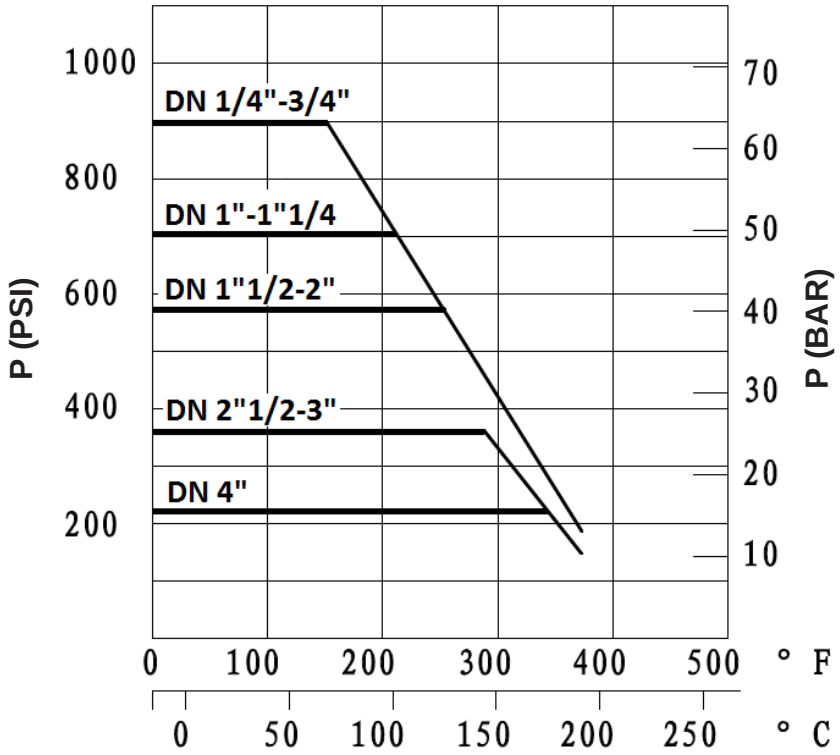


Dimensions (mm):

Ø	ØP	L	E	H	L1	W	C	ØY	Kg
1/4”	9,2	36	78	41	6,5	18	4	6	0,11
3/8”	12,5	42	78	46	7	21	4	6	0,14
1/2”	15	48	87	50	7	25	5	8	0,22
3/4”	20	58	97	57	9	31	5	8	0,33
1”	25	68,5	123	68	11	37,5	6,5	10	0,53
1 1/4”	32	80	123	77	12	46,5	6,5	10	0,82
1 1/2”	38	90,5	152	85	13	53	8,5	12	1,27
2”	50	109	152	94	17	66	8,5	12	2,04
2 1/2”	65	139	220	126	21	83	12	20	4,80
3”	80	157	220	138	23	97,5	12	20	7,00
4”	100	200	305	163	30	126	16	22	13,3

Subject to changes

PT:



Torques (Nm):

Ø	Nm
1/4”	3
3/8”	4
1/2”	6
3/4”	8
1’	10
1 1/4”	20
1 1/2”	30
2”	35
2 1/2”	60
3”	70
4”	130

Kvs values (M³/h):

Ø	Kvs
1/4”	6,6
3/8”	7,9
1/2”	11,2
3/4”	21
1”	35
1 1/4’	57
1 1/2”	80
2”	150
2 1/2”	265
3”	415
4”	780

Subject to changes