

Full port design DN 25 – DN 150 PN16



Design features:

Design:

- 2-piece ball valve "screwed design"
- Full port
- Fire-Safe design
- TA-Luft
- Floating ball
- Free of silicone

Mounting:

- Mounting flange acc. to DIN ISO 5211
- Available with electrical or pneumatic actuators
- Direct mounting possible

Length face to face:

- EN 558-1 line (DIN 3202-F4)

Ball seal:

- Triple side covered
- Different seal materials available
- Standard version E

Stem:

- Blow out proof stem design

Faces:

EN 1092-2 PN 16

Corrosion protection standard version:

Grounding 1 K water-based varnish

Other paintings see price list page 32 or on request

Suitable for:

Oils, compressed air, water, fuels steam only with PTFE/TFM-seals and EPDM-Rings, max. temperature 170°C (on torque increasing mediums-consult the factory)

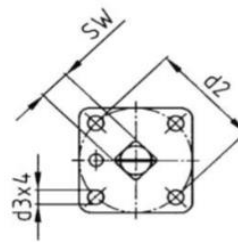
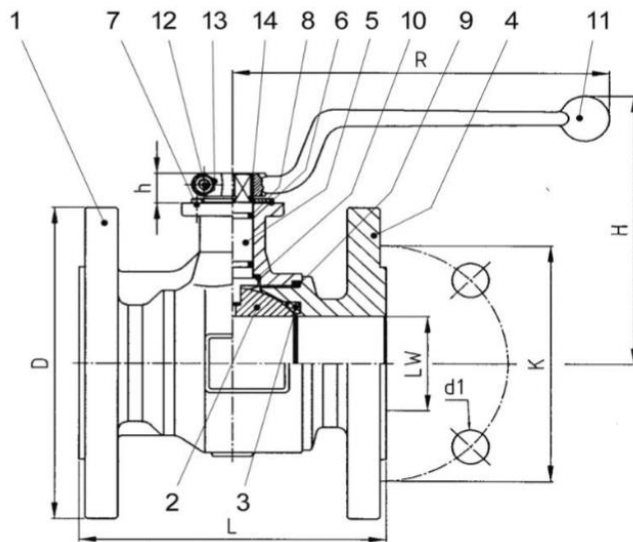
Pressure equipment directive:

PED (93/23/EC) max. cat. 2

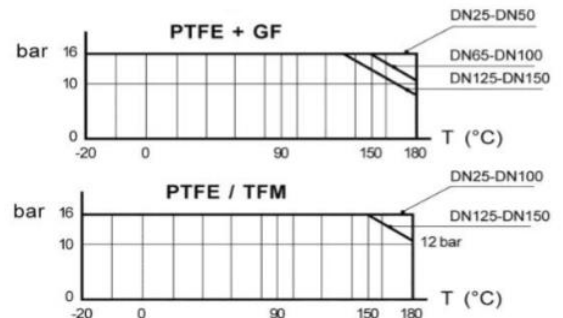
Remarks:

Ball valve DN 150 can only be installed or removed with ball in open position

Mounting flange



Druck-Temperaturdiagramm



Working temperature

-20°C to +180°C (depending on working pressure)

Nr.	Description	Werkstoff	Material Bezeichnung
1	Body	Spheroidal graphite cast iron	GGG 40
2	Ball	Grey cast iron	GG 25
		Stainless steel	1.4408
*3	Ball seal	-	-
4	Flange	Spheroidal graphite cast iron	GGG 40
5	Stem	Stainless steel	1.4104
6	Stop washer	Steel zinc plated	-
7	Stop pin	Steel zinc plated	-
*8	O-Ring seal	-	-
*9	O-Ring seal	-	-
10	Bearing ring	Polyamid	-
11	Handle	Alu red anod.	-
12	Bolt	Steel zinc plated	-
13	Nut	Steel zinc plated	-
14	Circle clip ring	Stainless steel	1.4305

*Seal systems	B	E Standard	G
Pos. 3 Pos. 8 Pos. 9	PTFE/TFM FKM NBR	PTFE + GF FKM NBR	PTFE/TFM EPDM EPDM

*see table seal systems

Number of flange holes, dimensions in mm

DN	LW	L	D	K	h	z	d1	H ~	R ~	Mounting flange	SW	d2	d3	Weight (kg)	
														B	F
25	25	125	115	85	14,5	4	14	114,0	165	F 05	11	50	7	3,200	3,300
32	32	130	140	100	14,5	4	18	125,0	165	F 05	11	50	7	4,700	4,700
40	40	140	150	110	16,5	4	18	135,5	185	F 05	14	50	7	5,700	5,700
50	50	150	165	125	16,5	4	18	142,5	185	F 05	14	50	7	7,600	7,600
65	65	170	185	145	18,0	4	18	158,0	230	F 07	17	70	9	12,000	12,200
80	80	180	200	160	22,5	8	18	185,5	360	F 07	22	70	9	15,500	15,500
100	100	190	220	180	22,5	8	18	202,5	360	F 10	22	102	11	22,600	22,600
125	125	200	250	210	25,0	8	18	223,0	360	F 10	22	102	11	24,500	31,000
150	142	210	285	240	28,0	8	22	230,0	625	F 10	27	102	11	33,500	43,200

Subject to change (without notice)