



#### Technical data

**Connection:** Butt weld

**Diameters size:** 3/8" up to 4"

**Pressure range:** PN 64 up to PN 16

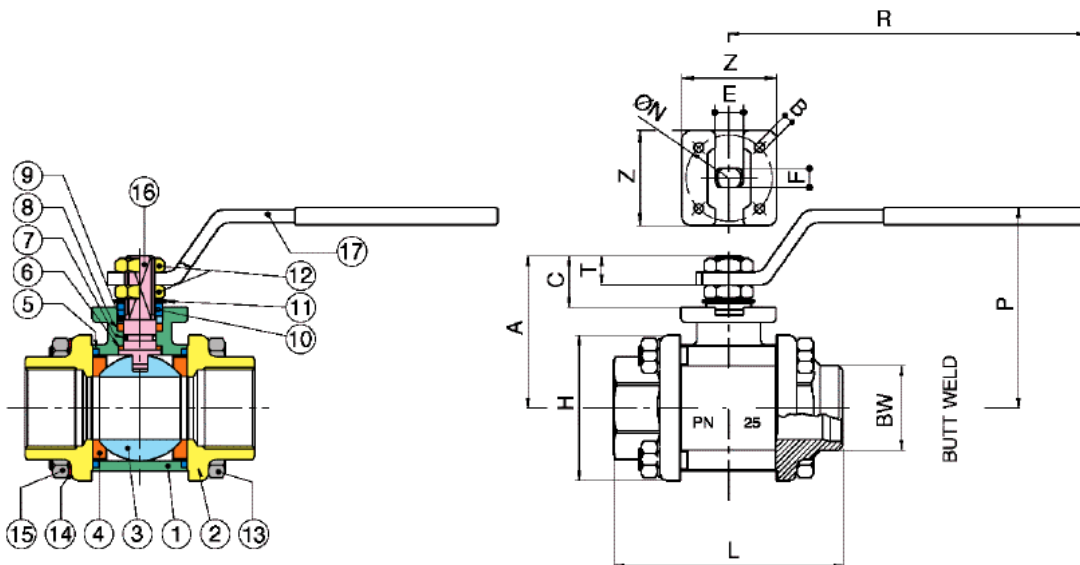
**Temperature range:** -20°C up to +160°C  
(depending from working pressure)

**Application:** Chemical, Refinery, Shipbuilding, Plant engineering  
for media: Water, Oils, Fuels, Compressed air, Solvents etc.

#### Design features:

- Mounting pad acc. to ISO off 2 1/2"
- Full bore • TA-Luft acceptance
- ◆ Fire-Safe, Antistatic, Integral seal, Steam design (optional)

☞ **more information on your inquiry!**



Dimensions in mm

Pos.	Benennung	Description	Materials		Piece
1	Gehäuse	Body	ASTM A 105		1
2	Muffe	End connection	ASTM A 105		2
3	Kugel	Ball	INOX AISI 304		1
4	Kugeldichtung	Ball seat	PTFE (Teflon)		2
5	Dichtung	Seat	PTFE (Teflon)		2
6	Spindelscheibe	Thrust washer	PTFE (Teflon)		1
7	O-Ring	O-ring	FKM (Viton)		1
8	Spindichtung	Stem seat	PTFE (Teflon)		1
9	Vorspannung	Packing gland	AVP-9SMNPB36		1
10	Anschlagscheibe	End stop	INOX AISI 430 (1/4"-2")	UNI 5771 (2 1/2"-4")	2   1
11	Tellerfeder	Spring washer	UNI 3545 (2 1/2"-4")		2
12	Mutter	Nut	UNI 5771		2
13	Zugstange	Bolt	UNI 7356	1/4"-2" 2 1/2"-4"	4   6
14	Unterlegscheibe	Washer	UNI 3545	1/4"-2" 2 1/2"-4"	4   6
15	Mutter	Nut	UNI 5771	1/4"-2" 2 1/2"-4"	4   6
16	Spindel	Stem	INOX AISI 304		1
17	Handhebel	Handle	UNI 7070		1

DN	L	H	BW	R	P	A	C	T	E	F	N	B	Z	KV	PN	Kg
3/8"	65	38	17,1	131,5	64	47	15	10	10	7	-	-	-	6	64	0,45
1/2"	65	38	21,3	131,5	64	47	15	10	10	7	-	-	-	16,3	64	0,40
3/4"	76	46,5	26,7	131,5	68	51,5	15	10	10	7	-	-	-	29,5	40	0,60
1"	92	58	33,4	174,5	78,5	60	19,5	12,5	12	8	-	-	-	43	40	1,10
1 1/4"	106,5	66,5	42,2	174,5	83,5	64,5	19,5	12,5	12	8	-	-	-	89	25	1,50
1 1/2"	116	76	48,3	250,5	100	79	24	16,5	16	10	-	-	-	230	25	2,10
2"	136	90	60,3	250,5	107	86	24	16,5	16	10	-	-	50	265	25	3,20
2 1/2"	153,5	134	73	321,5	126,5	103	28	18	20	14	70F07	M8	64	540	16	8,30
3"	180	161	88,9	321,5	137,5	114	28	18	20	14	70F07	M8	64	873	16	13,4
4"	217	190	114,4	381,5	156,5	137	34,5	22	24	18	100F10	M10	92	1390	16	22,2