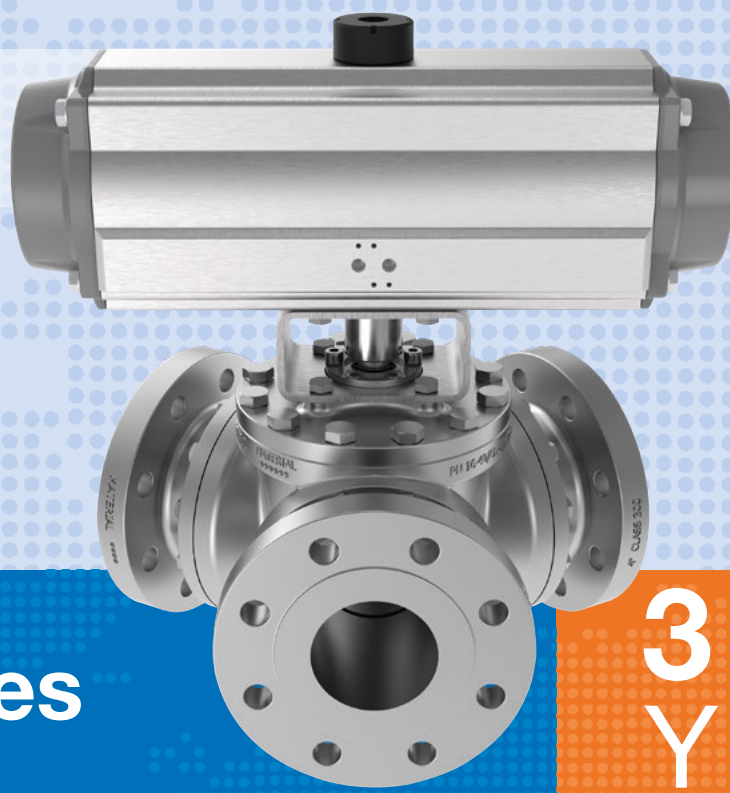




Ball Valves

3 WAY Y TYPE

General features

- Floating ball.
- Split body.
- Full bore.
- Soft seat.
- Three way.
- Anti Blow out stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.

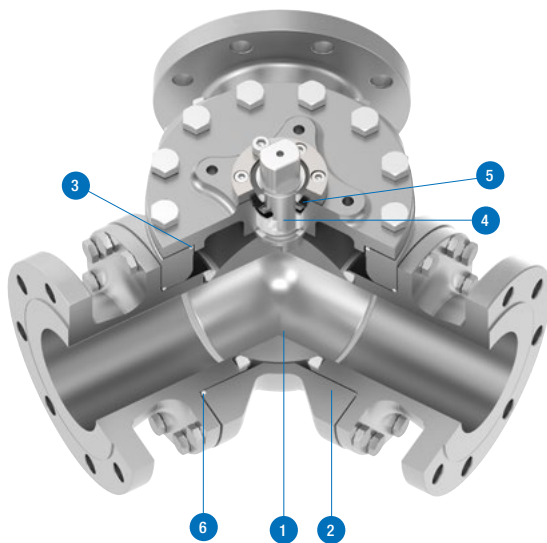
Standards

- Top flange ISO 5211
- Flanges EN 1092-01
- Testing EN-12266, ISO 5208
- Design EN-12516, ISO 17292

Official Approvals

- TA-LUFT VDI 2440
- ISO 15848-1
- ATEX 2014/34/EU
- PED 2014/68/EU
- SIL 3 CAPABLE

Standard Construction Materials



		DIN		ANSI	
		Z84	Z86	Z84	Z86
1	BODY	C.S. 10619	S.S. 1.4408	C.S. A216 WC3	S.S. A351 CF8M
2	BALL	S.S. 1.4408		S.S. A351 CCF8M	
3	SEAT	PTFE Mod.		PTFE Mod.	
4	STEM	S.S. 1.4401		S.S. AISI 316	
5	STEM SEAL	PTFE Mod. + F.G.		PTFE Mod.	
6	BODY SEAL	PTFE Mod.		PTFE Mod.	

Size & Rating

Z86/84 TTT

SIZE	RATING
DN25-100	PN16-40
DN150-200	PN16

Z86/84 TTT

SIZE	RATING
1-8"	CL150
1-4"	CL300



3 WAY 'Y' TYPE

Dimensions (mm.)

DIN PN16-40

DN	PN	D	L	E		A		B		C		F	H	G	V	ISO 5211	X	Y	Z
				PN16	PN40	PN16	PN40	PN16	PN40	PN16	PN40								
25	16-40	25	115	115		68		85		18		66	185	122	18	F05	14	17	19,5
40	16-40	40	130	150		88		110		18		87,5	293	158	22	F07	17	20	30
50	16-40	50	145	165		102		125		20		90	293	160	22	F07	17	20	30
65	16-40	65	170	185		122		145		18		109	450	203	28	F10	22	22	40
80	16-40	80	190	200		138		160		24		131,5	740	240	36	F12	27	35	50
100	16-40	100	215	220	235	162	158	180	190	20	24	148	740	260	36	F12	27	35	50
150	16	150	240	285		212		240		22		216	-	-	48	F14	36	40	63
200	16	201	300	340		268		295		24		258	-	-	48	F14	36	40	63

ANSI CL150-CL300

SIZE	CL	D	L	E		A		B		C		F	H	G	V	ISO 5211	X	Y	Z
				CL150	CL300	CL150	CL300	CL150	CL300	CL150	CL300								
1"	150/300	25	115	108	125	51	51	79,4	89	14,5	18	66	185	122	18	F05	14	17	19,5
1 1/2"	150/300	40	130	127	155	73	73	98,4	114	16	21	87,5	293	158	22	F07	17	20	30
2"	150/300	50	145	150	165	92	92	120,6	127	17	22	90	293	160	22	F07	17	20	30
2 1/2"	150/300	65	170	178	190	105	105	139	149	19	26	109	450	203	28	F10	22	22	40
3"	150/300	80	190	190	210	127	127	152,4	168	21	29	131,5	740	240	36	F12	27	35	50
4"	150/300	100	215	229	255	157	157	190,5	200	25	32	148	740	260	36	F12	27	35	50
6"	150	150	240	280		216		241,3		27		216	-	-	48	F14	36	40	63
8"	150	201	300	343		270		298		30		258	-	-	48	F14	36	36	63

Automation Values

DN	Torque		MAST
	PN16	PN40	
25	21	27	95
40	47	60	250
50	69	97	250
65	83	127	523
80	128	195	1073
100	165	285	1073
150	570	-	2544
200	810	-	2544

Weight (Kgs.)

DN	PN16	PN40
25	14	
40	22	
50	28	
65	42	44
80	70	70
100	90	95
150	157	-
200	292	-

SIZE	Torque		MAST
	CL150	CL300	
1"	29	34	92
1 1/2"	58	76	244
2"	86	126	244
2 1/2"	112	162	510
3"	185	270	1047
4"	260	389	1047
6"	720	-	2482
8"	1296	-	2482

SIZE	CL150	CL300
1"	11	13
1 1/2"	20	24
2"	25	28
2 1/2"	43	48
3"	63	72
4"	96	112
6"	161	-
8"	300	-

