

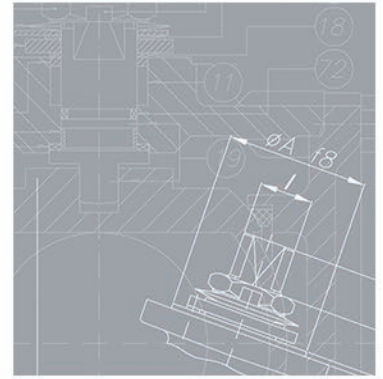
Technical Datasheet

DIN Ball Valves

563B

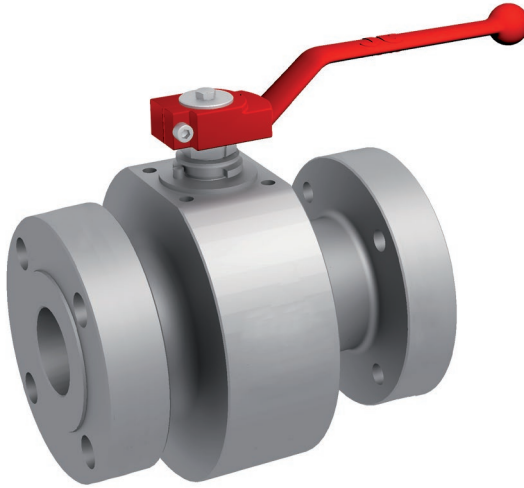
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2014/68/EV



FUGITIVE
EMISSIONS
EN-ISO 15848-1
TALUFT / VDI 2440

- Valve design: Full Bore EN 1983
- Body design: EN 12516
- Shell thickness: EN ISO 17292
- Flanges: DIN 2501 / EN 1092-1
- Face to face dimensions: EN 558 Series 1
- Marking: EN 19 / CE - PED / MSS SP 25
- Pressure testing: EN 12266
- ISO 5211

Certifications

Company Certifications

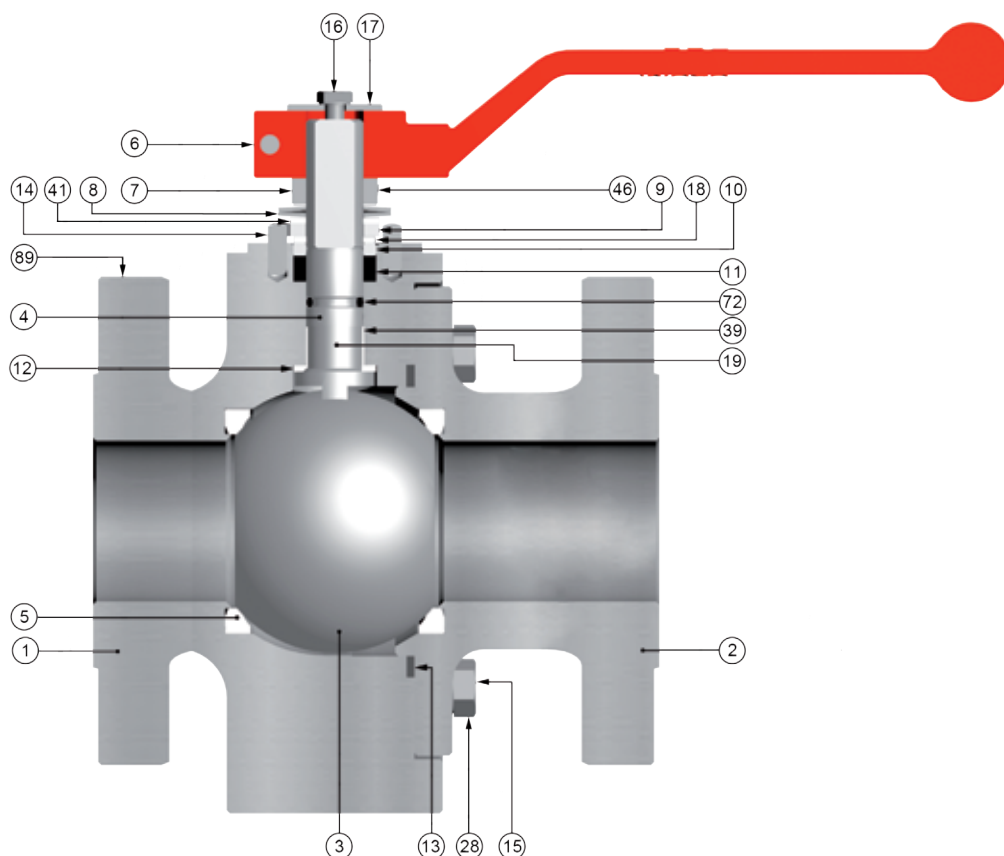
- ISO9001 Quality Management System
- ISO14001 Environmental Management System
- AD2000-Merkblatt W0/A4

Product Certificates

- Fire Safe API 607, ISO 10497, API 6FA
- PED 2014/68/EU - CE marking
- ATEX 2014/34/EU– (II2GD)
- Russian Federation Certificate TRCU 10, TRCU 12, TRCU 32
- Fugitive Emissions ISO 15848 TA LUFT (VDI 2440)
- Safety Integrity Level (SIL) LEVEL 3 IEC 61508
- Fugitive Emissions ISO 15848 TA LUFT (VDI 2440)

DIN Ball Valves

F l o a t i n g

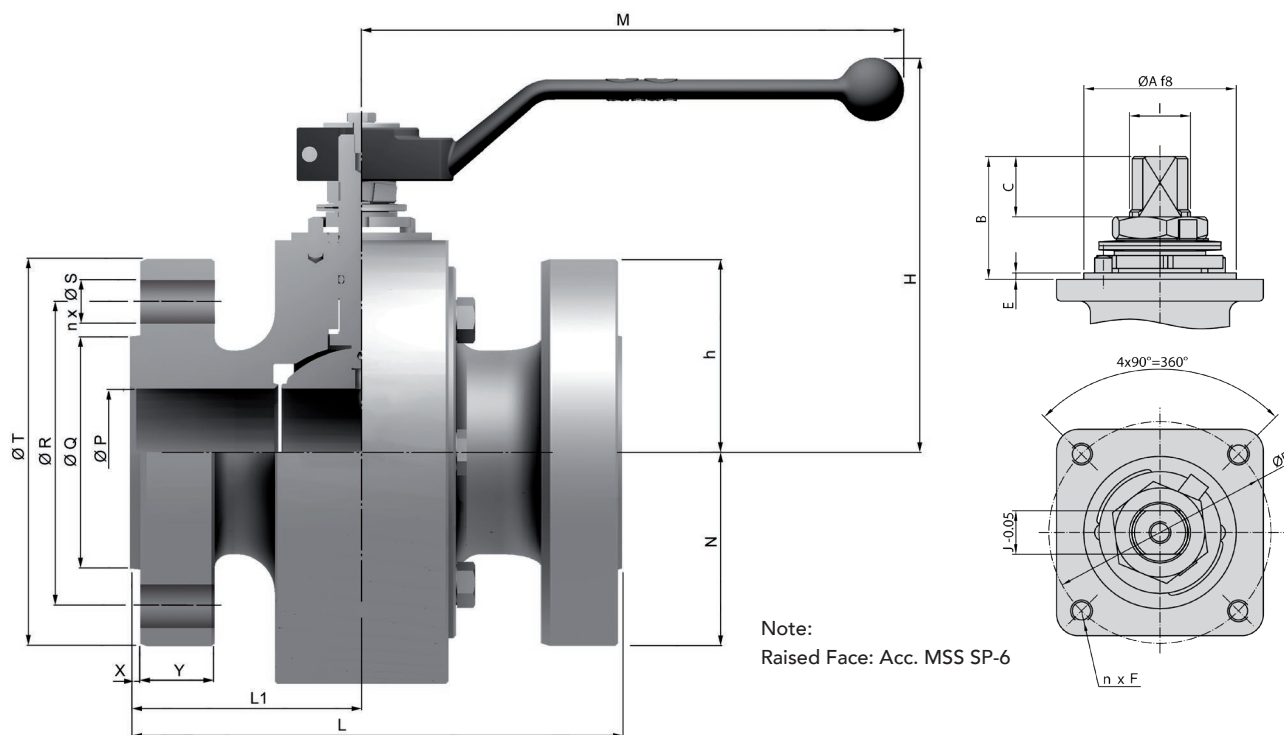


Other materials upon request

Item	Description	Material		
		A.I.CG.	I.I.CG.	L.I.CG.
1 / 2	Body / Body Connector	ASTM A105N	S.S. 316	ASTM A 352 LF2
3	Ball	ASTM A 351 Gr. CF8M (DN 15 to 50 A182 Gr. F316)		
4	Stem	ASTM A 479 Tp.316		
5	Seat ring	RPTFE		
6	Wrench	A 216 Gr. WCB		
7	Gland nut	Zinc plated carbon steel	AISI 303	
8	Disk spring	Carbon St.	A 666 Tp.301	
9	Stop plate	Carbon St.	AISI 304	
10	Gland	AISI 303	AISI 316	
11	Gland packing	Graphite		
12	Stem thrust seal	25% G.F. PTFE		
13	Body connector seal	SPW AISI 316L + Graphite		
14	Stop pin	Carbon St.	Stainless St.	
15	Stud	A 193 Gr. B7M Zinc Bichromated	A 193 Gr. B8M	A 320 Gr. L7M Zinc Bichromated
16	Bolt	DIN 933 A4-70		
17	Washer	AISI 304		
18	Thrust washer	25% G.F. PTFE		
19	Antistatic device	Stainless St.		
28	Nut	A 194 Gr. 2HM Zinc Bichromated	A 194 Gr. 8M	A 194 Gr. 7M Zinc Bichromated
39	Stem bushing (DN 50 to DN 100)	25% G.F. PTFE		
41	Spacer (DN 25 to 100)	Carbon St.	AISI 304	
46	Washer	AISI 304		
72	O-Ring	FKM		
89	Identification Plate	Stainless St.		

DIN Ball Valves

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Series 563B (PN 63)

* Weight in Kg * Dimensions in mm															
DN	ØP	L	L1	ØQ	ØR	n x ØS	ØT	X	Y	h	H	M	N	WEIGHT	Kv
15	15	130	58	45	75	4x14	105	2	20	46	111	164	--	6,1	19
20	20	150	63,5	58	90	4x18	130	2	22	45,5	117	164	--	8,8	33
25	25	160	66	68	100	4x18	140	2	24	53	119	210	--	11	70
40	40	200	84	88	125	4x22	170	3	26	65,5	137	348	--	20,6	180
50	50	230	95	102	135	4x22	180	3	26	84,5	181	445	97	36,5	290
80	80	310	129	138	170	8x22	215	3	28	122	231	698	135	74	990
100	100	350	145	162	200	8x26	250	3	30	139	248	698	150	108,6	1650

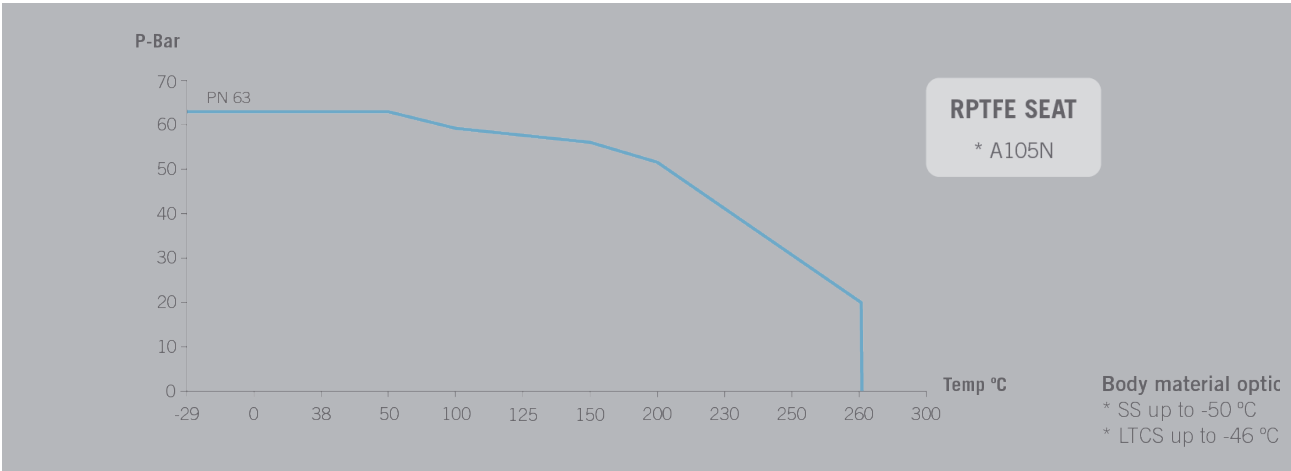
Actuator Connection

DN	ISO 5211	ØA	B	C	ØD	n x F	E	I	J
15	F05	35	11,2	5,0	50	4 x M6	1,5	M12x1,5	9
20	F05	35	23,7	10,5	50	4 x M6	1,5	M12x1,5	9
25	F05	35	33,5	13,0	50	4 x M6	3	M16x1,5	12
40	F07	55	43,0	17,6	70	4 x M8	3	M22x1,5	16
50	F10	70	45,0	19,1	102	4 x M10	3	M25x1,5	18
80	F12	85	55,5	24,3	125	4 x M12	3	M35x2	25
100	F12	85	55,0	23,8	125	4 x M12	3	M35x2	25

Differential Pressure PN 63

DN	BTO	RTO	ETO	BTC	RTC	ETC	MAST
15	14	7	8	11	7	11	26
20	20	10	12	15	10	16	26
25	26	13	16	20	13	21	69
40	56	28	34	42	28	45	176
50	91	46	55	68	46	73	246
80	274	137	164	206	137	219	607
100	464	232	278	348	232	371	607

Pressure – Temperature Charts



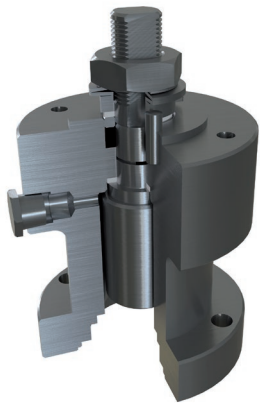
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Simple Stem Extension



Stem Extension



Double Packing Stem Extension



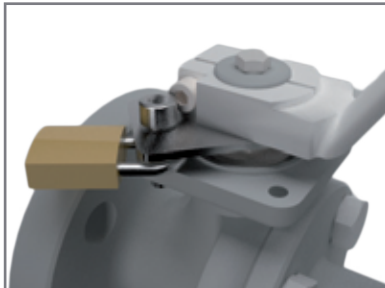
Other Seat materials



Cavity Filler Seat



Stainless Steel Lever



Locking Device



Manual and Declutchable
Gears



Pneumatic or Hydraulic
Scotch Yoke Actuators



Valve Automation option
available on Request