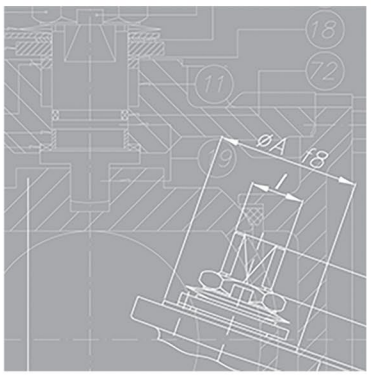
Technical Datasheet

Forged Ball Valves 803L

JC VALVES

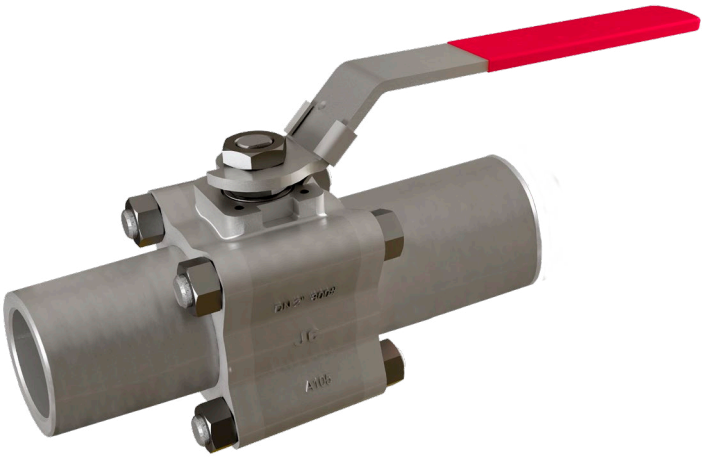
The quality option





sales@jc-valves.com
www.jc-valves.com

PN 63 Ball Valves
Floating



2014/68/EU

SIL IEC 61508

II 2 G D

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

- Valve design: EN ISO 17292
- Body design: EN 12516
- Shell thickness: EN 12516
- Connections: EN 10216-5
- Face to face dimensions: DN 10-40 Acc. EN 12982
  DN 50 Acc. ASME B16.10-300#
- Marking: CE - PED / EN19 / MSS SP 25
- Pressure testing: EN 12266
- ISO 5211

Certifications

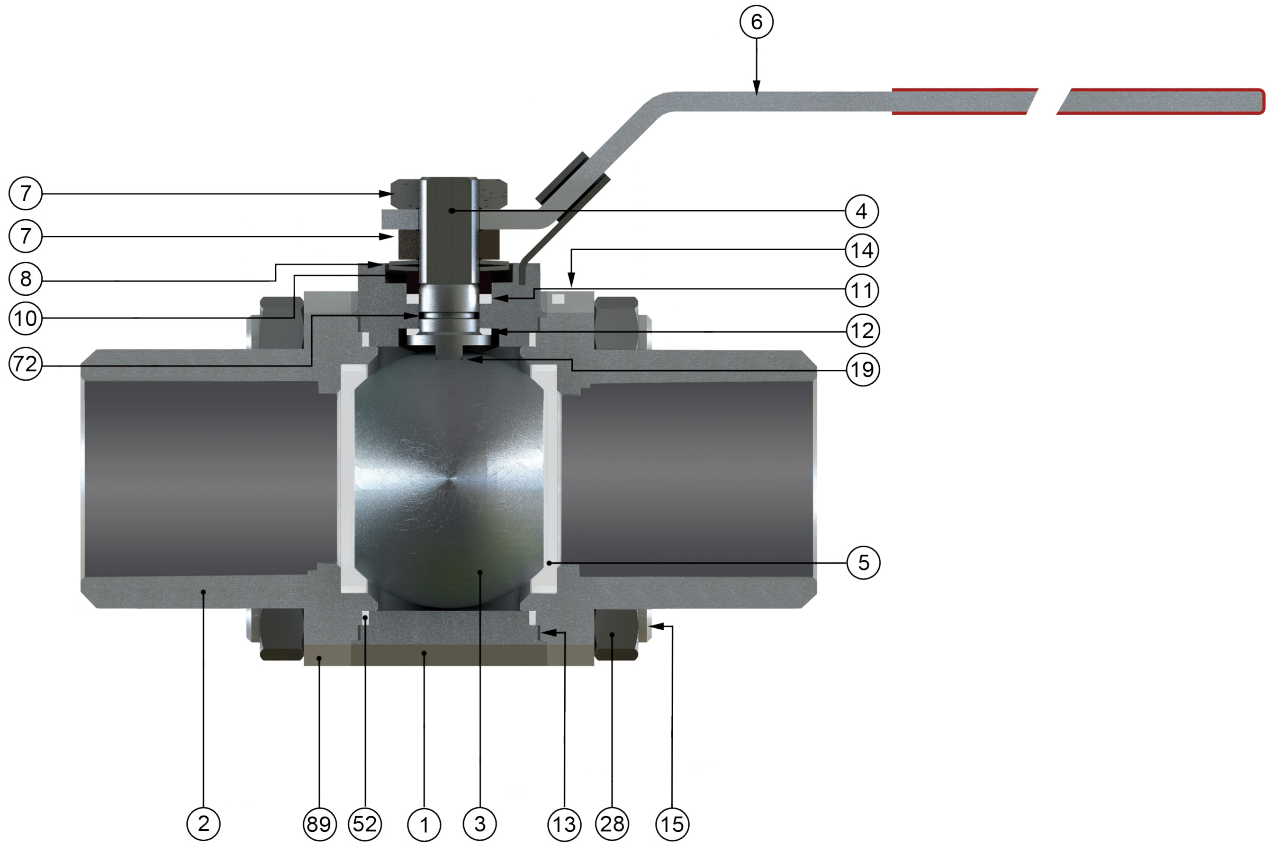
Company Certificates

- ISO9001 Quality Management System
- ISO14001 Environmental Management System

Product Certificates

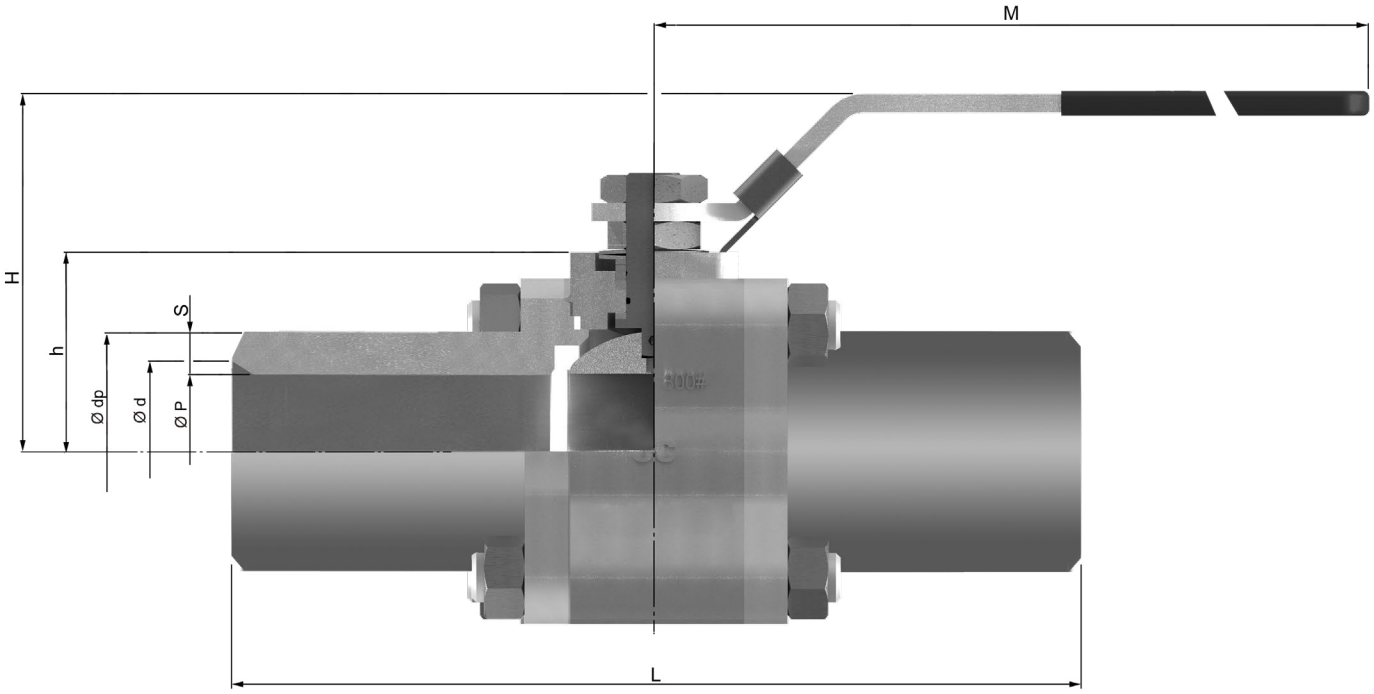
- Fire Safe API 607, ISO 10497, API 6FA
- Fugitive Emissions TA-Luft / ISO 15848-1
- PED 2014/68/EU - CE marking
- ATEX 2014/34/EU– (II2GD)
- Russian Federation Certificate TRCU 10, TRCU 12, TRCU 32
- Safety Integrity Level (SIL) LEVEL 3 IEC 61508

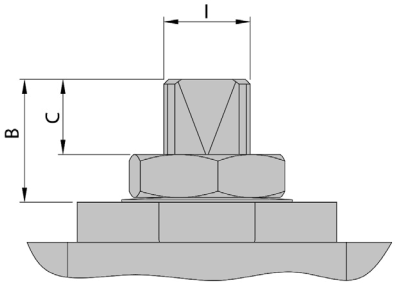
PN 63 Ball Valves
Floating

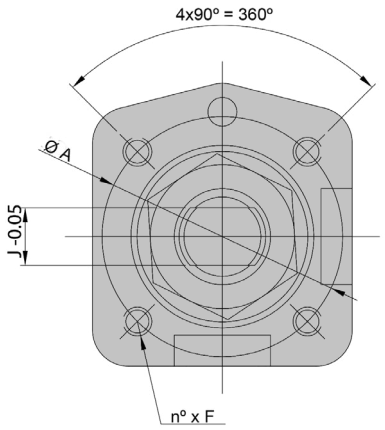


Item	Description	Material	
		A.I.CG.	I.I.CG.
1	Body	ASTM A105N	ASTM A182 Gr. F316L/316
2	Body Connector	ASTM A216 Gr. WCB (C ≤ 0,25%)	ASTM A351 Gr. CF3M
3	Ball	A182 Gr. F316	
4	Stem	A182 Gr. F316	
5	Seat ring	RPTFE	
6	Wrench	Carbon Steel + E.N.P.	
7	Gland nut	Zinc plated carbon steel	ASTM A479 Tp. 316
8	Disk Spring	Carbon St.	ASTM A666 Tp.301
10	Gland	ASTM A479 Tp. 316	
11	Gland packing	Graphite	
12	Stem thrust seal	A4-70 TFM+25% F.V.	
13	Body connector seal	Graphite	
14	Stop pin	ASTM A276 Tp.316	
15	Stud	ASTM A 193 B7M Zinc Bichromated	ASTM A 193 B8M
19	Antistatic device	Stainless Steel	
28	Nut	ASTM A 194 2HM Zinc Bichromated	ASTM A 194 Gr. 8M
52	Body connector seal	PTFE	
72	O-Ring	FKM	
89	Identification plate	ASTM A276 Tp.316	

PN 63 Ball Valves
Floating







* Weight in Kg (*) Dimensions in mm

Series 803 (PN 63)

DN	ØP	Ød	Ødp	S	L (Short Patern)	L (Long Patern)	h	H	M	B	C	ØA	nº X F	I	J	WEIGHT	KvS
10	9,5	13	18	4,25	68	270	29	60	170	11	7,5	36	4xM5	M10x1	7	1,2	6,5
15	15	17	22	3,5	72	270	31.4	62	170	13,3	9,5	36	4xM5	M10x1	7	1,3	18
20	20	22	28	4	94	270	39	75	215	18,4	13,4	42	4xM5	M12x1.5	9.5	2,7	33
25	25	28,5	34	4,5	106	270	41	78	215	21,4	15,7	42	4xM5	M12x1.5	9.5	2,9	64
32	32	37	43	5,5	117	270	52.5	94	245	20,5	15	50	4xM6	M16x1.5	9.5	4,5	110
40	40	43	49	4,5	125.5	270	55.7	99	245	33,3	26	50	4xM6	M16x1.5	9.5	6,1	189
50	50	54,5	61	5,5	128	216	64	115	300	26	16,5	50	4xM6	M18x1.5	12	8,6	305

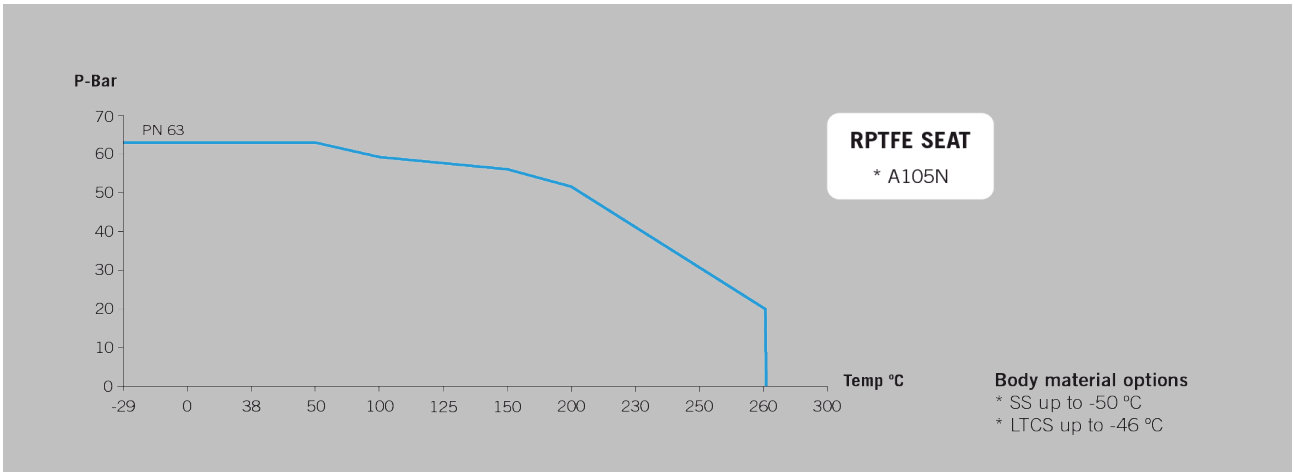
Torque Values in Nm

PN 63 Ball Valves Floating

Torques at Differential Pressure

DN	10 Bar	40 bar	63 bar
10	7	7	7
15	8	8	8
20	10	10	10
25	15	15	20
32	21	27	35
40	25	35	40
50	40	55	60

Pressure – Temperature Charts



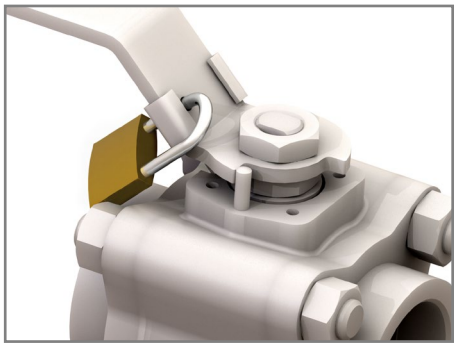
PN 63 Ball Valves
Floating



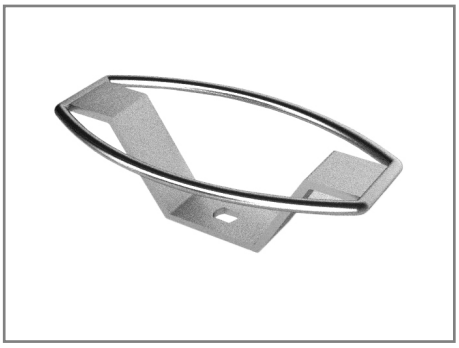
Simple Stem Extension



Standard Stem Extension



Locking Device



Oval Hand Wheel



Valve Automation option available on Request