

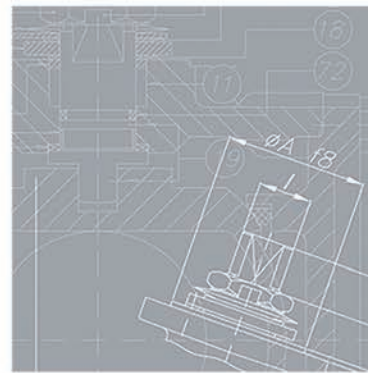
Technical Datasheet

Forged Ball Valves

803
803L

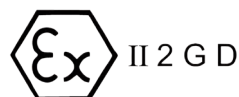
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VALVES

The quality option



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

- Valve design: EN ISO 17292
- Body design: EN 12516
- Shell thickness: EN ISO 17292
- Connections: EN 10216-5
- Face to face dimensions: DN 10-40 Acc. EN 12982
DN 50 Acc. ASME B16.10-300#
- Marking: EN 19 / CE- PED
- Pressure testing: EN 12266
- ISO 5211

Certifications

Company Certificates

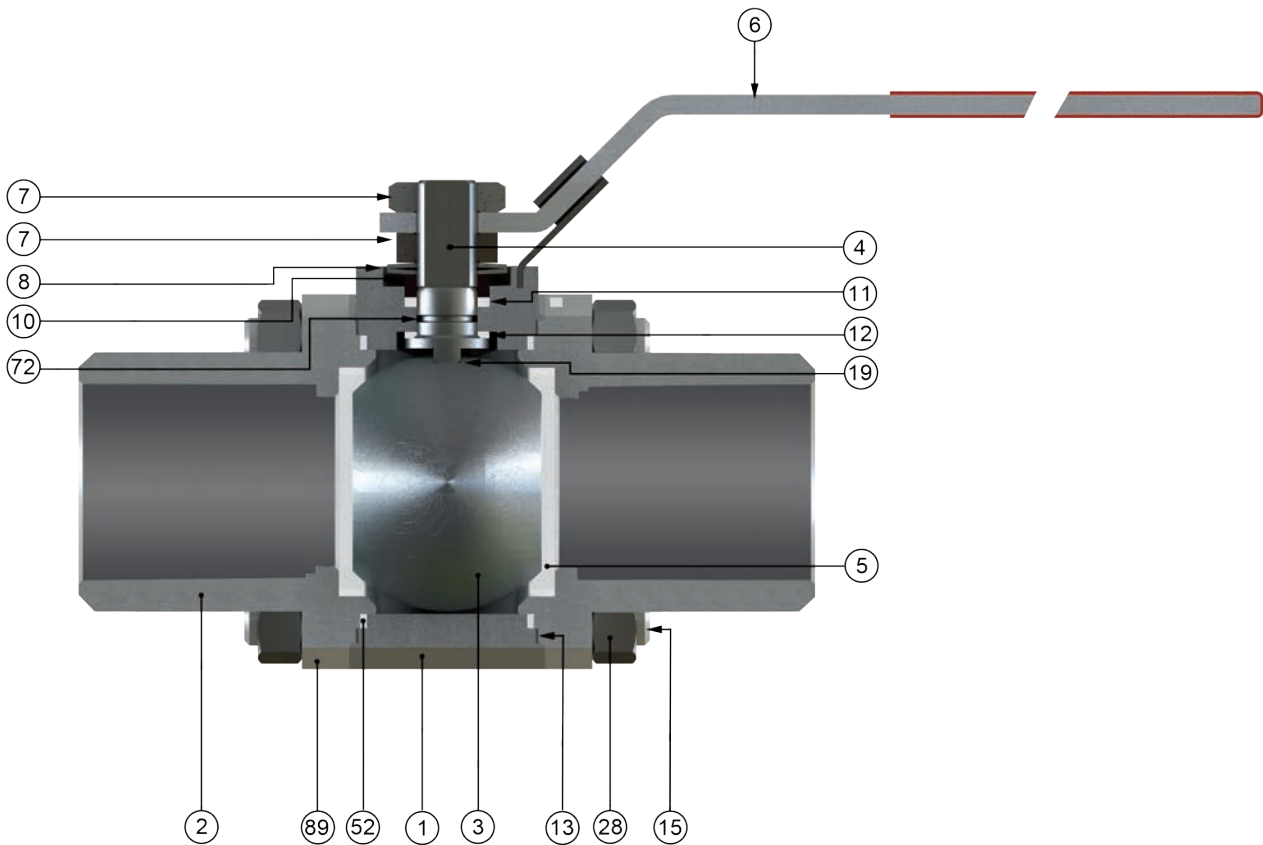
- ISO9001 Quality Management System
- ISO14001 Environmental Management System

Product Certificates

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

PN 63 Ball Valves

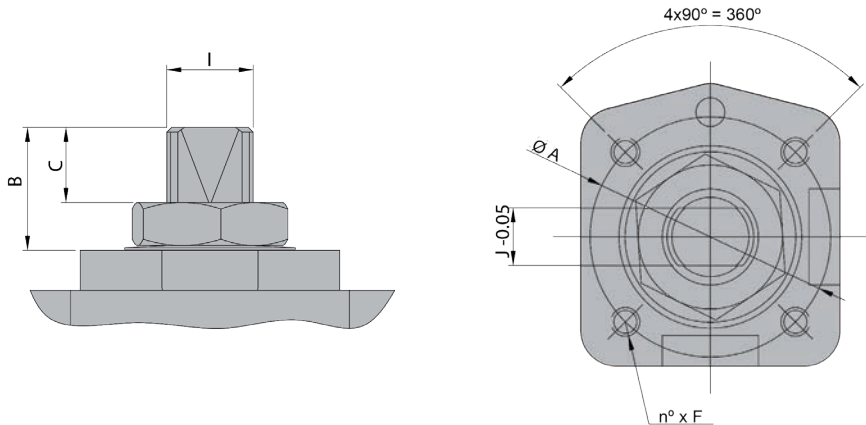
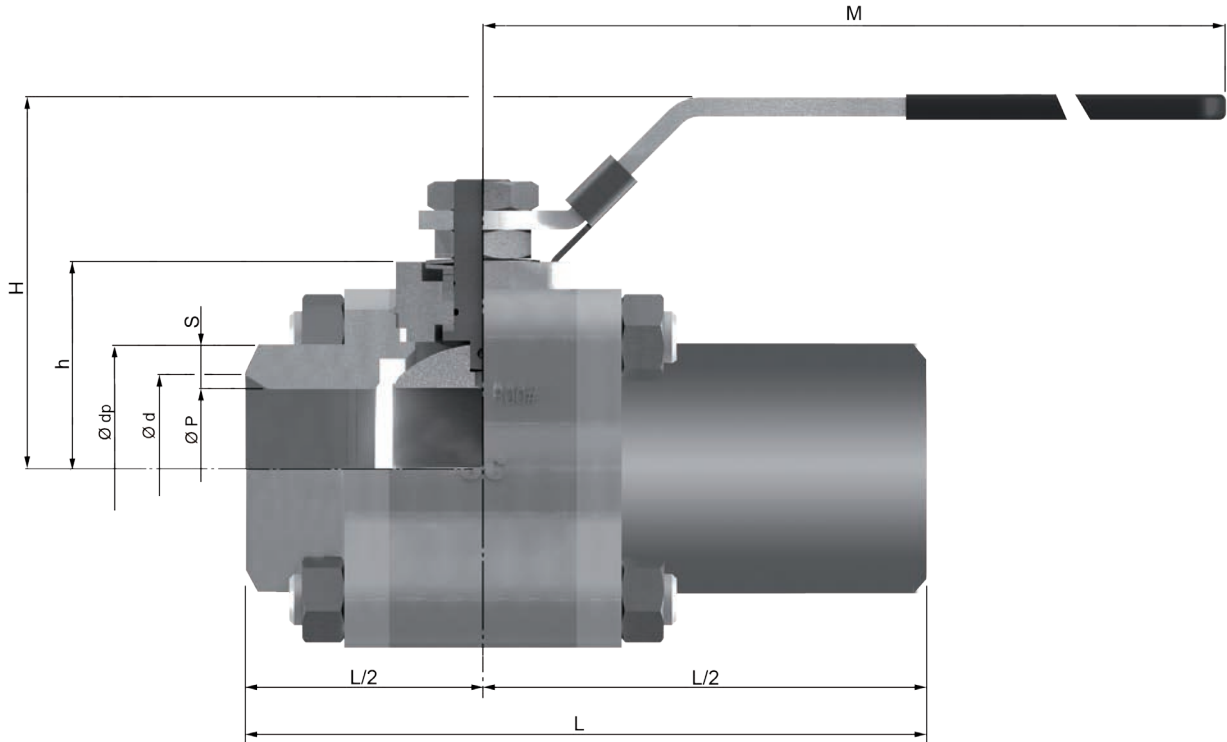
F l o a t i n g



Item	Description	Material
		I.I.CG.
1	Body	ASTM A182 Gr. F316L
2	Body Connector	ASTM A 351 Gr. CF3M
3	Ball	A 479 Tp. 316
4	Stem	A 479 Tp. 316
5	Seat ring	RPTFE
6	Wrench	Carbon Steel + Niquel Plated
7	Gland nut	AISI 316
8	Disk Spring	AISI 301
10	Gland	AISI 316
11	Gland packing	Graphite
12	Stem trhust seal	TFM+25% F.V.
13	Body connector seal	Graphite
15	Stud	ASTM A 193 B8M
19	Antistatic device	Stainless Steel
28	Nut	ASTM A 194 Gr. 8M
52	Body connector seal	FKM
72	O'ring	FKM
89	Identification plate	Stainless Steel

PN 63 Ball Valves

F l o a t i n g



* Weight in Kg (*) Dimensions in mm

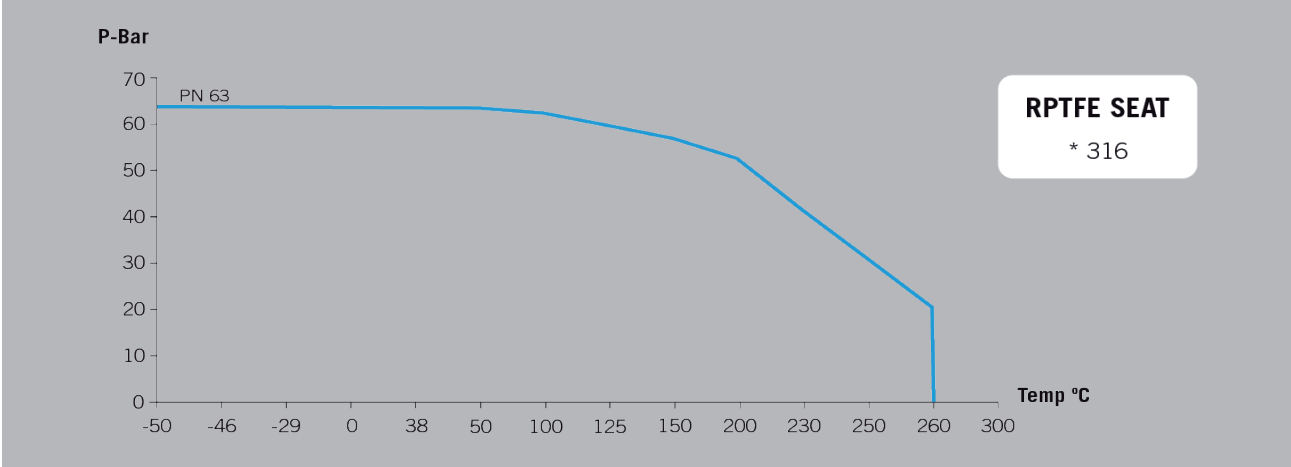
Series 803 (PN 63)

DN	ØP	Ød	Ødp	S	L		h	H	M	B	C	ØA	n° X F	I	J	WEIGHT	KvS
					(Short Patern)	(Long Patern)											
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

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

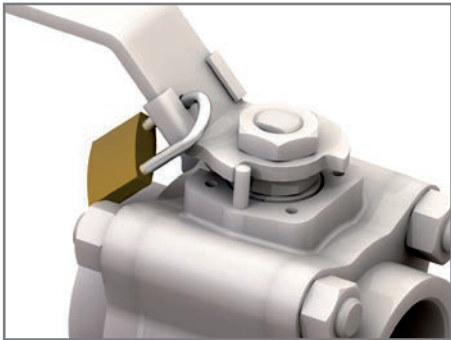




Simple Stem Extension



Standard Stem Extension



Locking Device



Oval Hand Wheel



Valve Automation option
available on Request