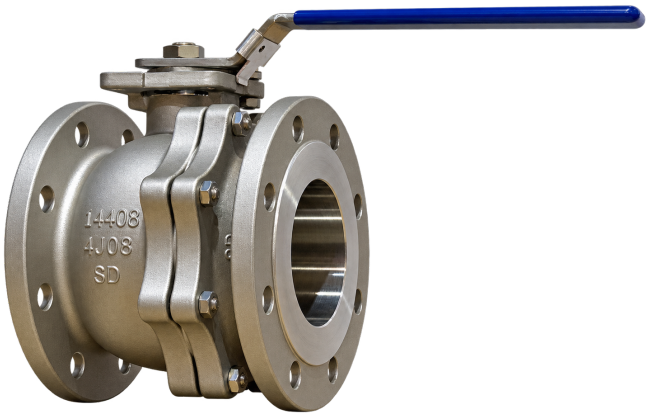
Flanged Ball Valve

PRODUCT DATASHEET

STAINLESS STEEL • DN15-DN200 • PN40 / PN16



Technical features

Split body construction
Floating ball • Full bore
Stainless steel body: 1.4408
PTFE seats
Antistatic device
Locking device
ISO 5211 actuator mounting

DN15-DN50 • PN40
DN65-DN200 • PN16

Technical performance

Parameter	Specification
Valve / body design	EN 12516-2
Shell thickness	ISO 17292
Flanges	EN 1092-1
Face-to-face dimensions	EN 558-1 Series 27
Actuator mounting	ISO 5211 / DIN 3337 / EN 15081
Shell finishing quality	MSS SP 55
Marking	EN 19 / CE - PED
Quality assurance	ISO 9001
Pressure testing	ISO 17292 / EN 12266

Operating torque & flow coefficient

DN	15	20	25	32	40	50	65	80	100	125	150	200
Torque (Nm)	8	12	14	22	27	50	41	71	119	190	220	450
Diff. p (bar)	40	40	40	40	40	40	16	16	16	16	16	16
Kv (m^3/h)	20	40	75	130	170	270	550	1000	1650	3000	4200	9000

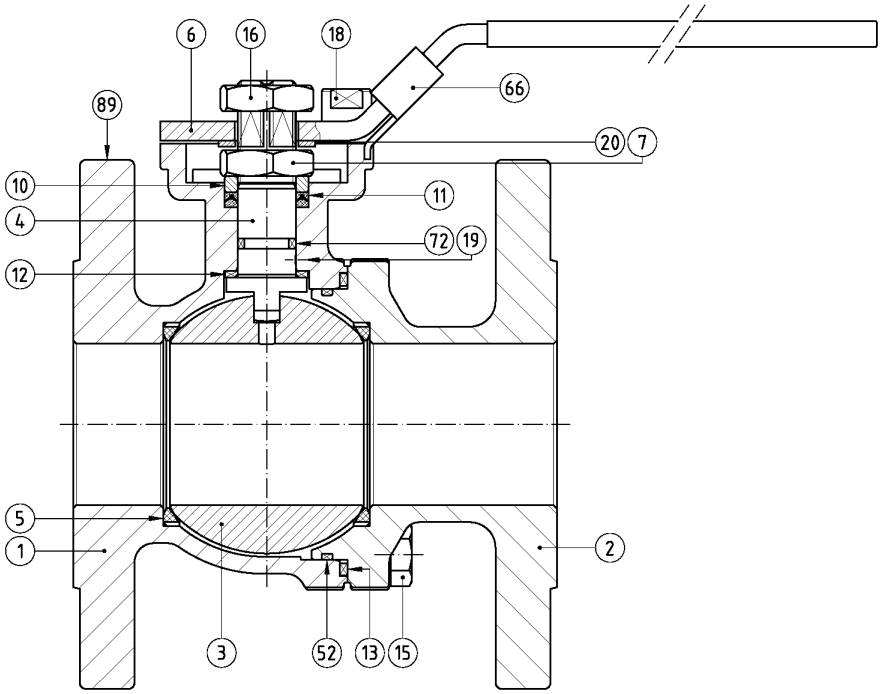
Torque values at the differential pressures shown. Pressure-temperature limits: see page 4.

Flanged Ball Valve

CONSTRUCTION & MATERIALS

STAINLESS STEEL • DN15-DN200 • PN40 / PN16

Sectional drawing



Materials

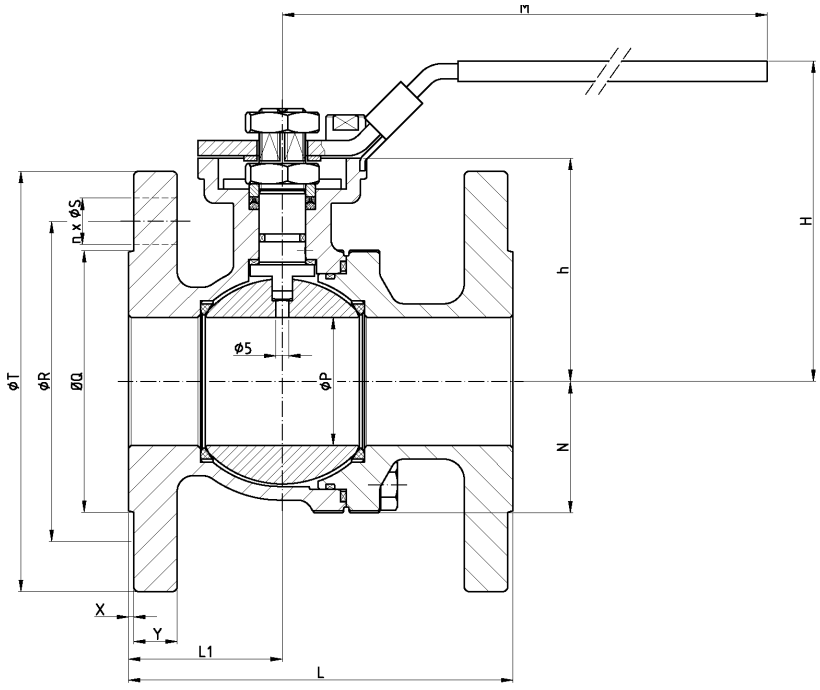
Item	Part	Material
1	Body	1.4408
2	Body connector	1.4408
3	Ball	ASTM A351 Gr. CF8M / ASTM A479 Type 316
4	Stem	ASTM A479 Type 316
5	Seat ring	PTFE
6	Wrench / lever	AISI 304
7	Gland nut	A2
10	Gland ring	AISI 304
11	Gland packing	PTFE
12	Stem thrust seal	PTFE + 25% GF
13	Body connector seal	PTFE
15	Bolt	A2
16	Wrench nut	A2
18	Stop pin	AISI 304
19	Antistatic device	Stainless steel
20	Spacer	AISI 304
52	O-ring	FKM
66	Locking device	AISI 304
72	O-ring	FKM
89	Identification plate	AISI 304
-	Plastic cap	Plastic

Flanged Ball Valve

VALVE DIMENSIONS

STAINLESS STEEL • DN15–DN200 • PN40 / PN16

Dimensional drawing



PN40

DN	ØP	L	L1	ØQ	ØR	n × ØS	ØT	X	Y	h	N	H	M	Weight*
15	13	115	48	45	65	4 × 14	95	2	16	40	-	78	171	2
20	17	120	52	58	75	4 × 14	105	2	18	44.5	-	82	171	3
25	24	125	46	68	85	4 × 14	115	2	18	60	-	88	171	4
32	31	130	47	78	100	4 × 18	140	2	18	72	-	100	171	6
40	38	140	54	88	110	4 × 18	150	3	18	79.5	-	118	301	7
50	50	150	60	102	125	4 × 18	165	3	20	87	-	125	301	10

PN16

DN	ØP	L	L1	ØQ	ØR	n × ØS	ØT	X	Y	h	N	H	M	Weight*
65	65	170	69	122	145	4 × 18	185	3	18	98.5	-	137	336	13
80	80	180	68	138	160	8 × 18	200	3	20	109.5	-	148	336	17
100	100	190	83	158	180	8 × 18	220	3	20	125	-	165	336	26
125	125	325	120.5	188	210	8 × 18	250	3	22	152	262	192	336	43
150	150	350	145	212	240	8 × 22	285	3	22	173	305	217	500	61
200	200	400	180	268	295	12 × 22	340	3	24	215	389	265	500	111

Dimensions in mm. *Weight values reproduced from the source; the source does not state a unit.

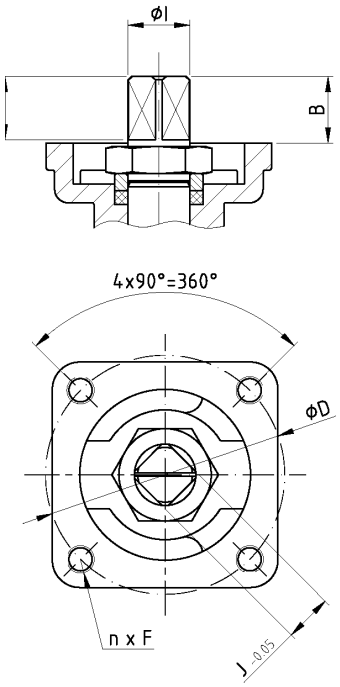
Flanged Ball Valve

ACTUATOR CONNECTION & P/T RATING

STAINLESS STEEL • DN15–DN200 • PN40 / PN16

Actuator connection

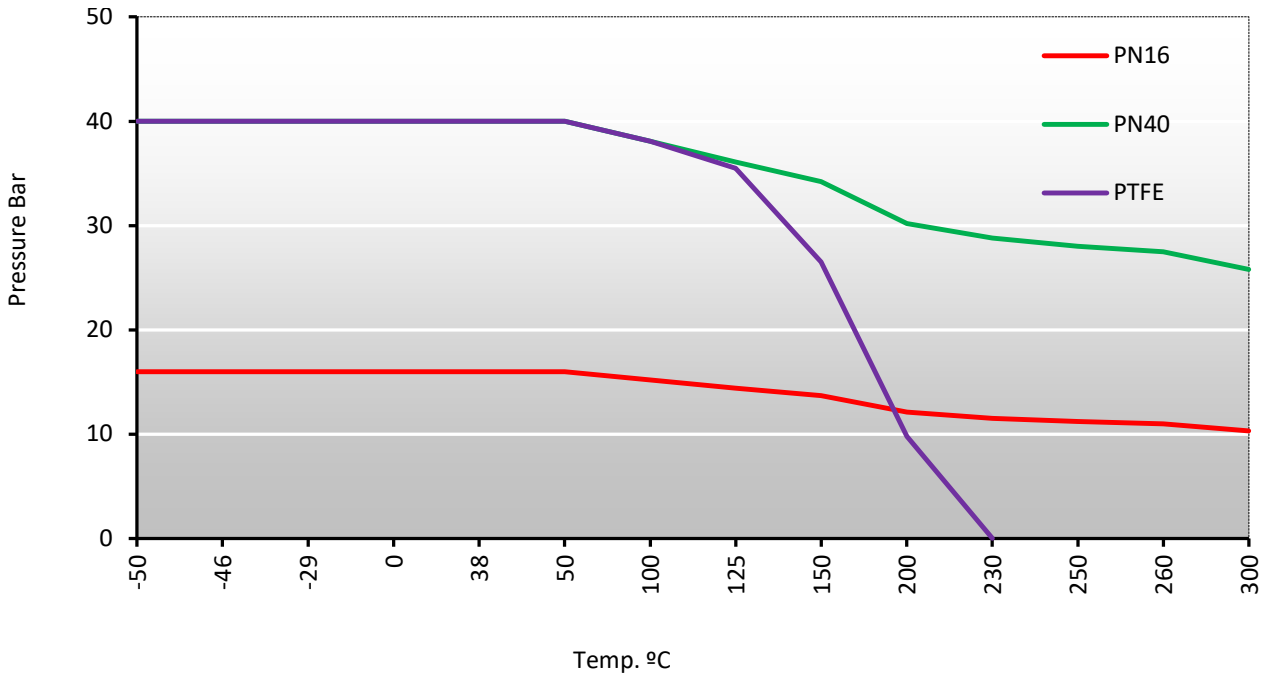
DN	ISO 5211	B	C	ØD	n × F	I	J
15	F05	11	10.5	50	4 × M6	M10 × 1.5	8
20	F05	11.5	11	50	4 × M6	M10 × 1.5	8
25	F05	13.2	14	50	4 × M6	M12 × 1.5	9
32	F05	13.2	14	50	4 × M6	M12 × 1.5	9
40	F07	19.5	20.5	70	4 × M8	M18 × 1.5	14
50	F07	19.5	20.5	70	4 × M8	M18 × 1.5	14
65	F07	20	21	70	4 × M8	M22 × 1.5	17
80	F07	20	21	70	4 × M8	M22 × 1.5	17
100	F10	23.5	24.5	102	4 × M10	M22 × 1.5	17
125	F10	24.5	25.5	102	4 × M10	M22 × 1.5	17
150	F10	28.5	29.5	102	4 × M10	M28 × 1.5	22
200	F12	34	31	125	4 × M12	M35 × 2	27



Dimensions in mm.

Pressure-temperature rating

Use the applicable PN curve together with the PTFE seat limit shown below.



Technical data: manufacturer datasheet, Rev. 7. Data subject to change.