

Ball valve
full bore flanged

PN 16
PN 25
PN 40

WATER



Ball valve DN50

Product description (standard execution):

- Ball seat made of PTFE + C, interchangeable
- The ball is made of stainless steel in grade 1.4301
- The construction of the valve enables disassembly
- Spindle made of stainless steel improved in grade 1.4021
- EPDM or Viton O-ring spindle seal + Teflon ring
- Interchangeable spindle seals
- Corrosion protection according to EN 14091
- Flange connections according to EN 1092-2 (DIN 2501), pressure PN16, PN25, PN40
- Face to face according to producer documentation JAFAR
- Body made of ductile cast iron EN-GJS 400-15 or steel L360NB (1.0582), P355 (1.0562), S235JR (1.0037)
- Product according to EN 1983
- Product marking according to : EN 19, EN 1074

Application:

Industrial water lines, heating installations and non aggressive liquids.
Working conditions:
temp. from -20°C up +160°C
pressure up to 4.0 MPa

Test control:

Water pressure test according to EN 1074-1; EN 1074- 2; EN 12266-1
Seat: 1,1 x PN
Body: 1,5 x PN
Operation torque test

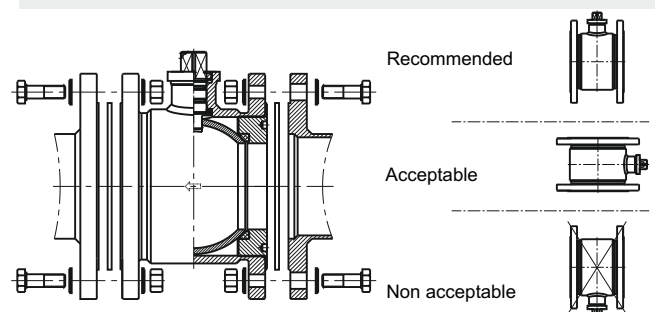
Accessories:

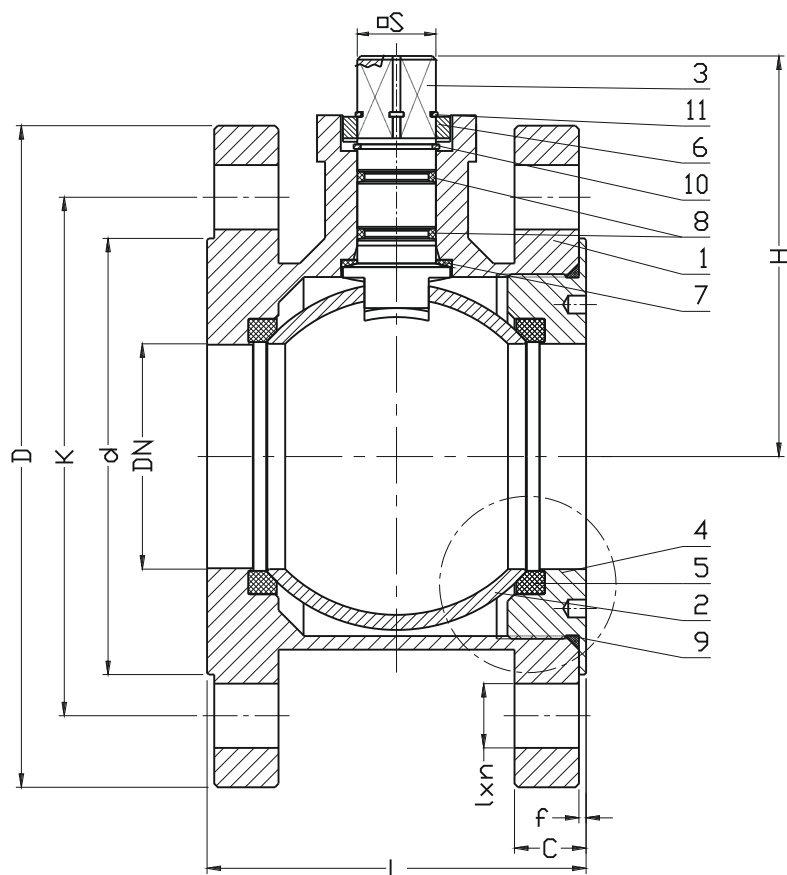
Pillar with handwheel - see: 9113
Pillar for electric actuator - see: 9114
Street box - see: 9305

Execution variant:

Ductile cast iron EN-GJS 350-22-LT
For actuator
With electric or pneumatic actuator
With gear box
With inductive sensors

Installation:





No.	Part	Standard execution
1	Body	Steel L360NB (1.0582); P355 (1.0562) EN ISO 3183 Steel S235JR (1.0037) EN 10025-2 ductile cast iron EN-GJS 400-15 or EN-GJS 350-22 LT EN 1563
2	Ball	Steel 1.4301 EN 10088-1
3	Spindle	Steel 1.4021 EN 10088-1
4	Screw	Steel 1.0037 + Zn EN 10025-2
5	Ball seat	PTFE + C EN ISO 13000-1
6	Limiter	Steel 1.4301 EN 10088-1
7	Gasket	PTFE + C EN ISO 13000-1
8	O-ring	EPDM VITON
9		
10	Ring	DIN 471
11		

- other material variants on special request

DN	L	PN	D	d	K	Ixn	H	S	c	f	Kv	Weight
mm	bar			mm				mm			m3/h	kg
Cast iron												
40	77	16	150	88	110	4x19	90	11	19	2	105	5,4
50	86	16	165	102	125	4x19	98	17	19	2	163	6,8
65	106	16	185	122	145	8x19	112	17	19	2	275	9,7
80	120	16	200	138	160	8x19	130	22	19	2	418	11,2
100	160	16	220	158	180	8xM16	147	22	19	2	654	17,3
125	186	16	250	188	210	8xM16	164	22	19	2	1023	24,5
Steel												
40	77	16/25/40	150	88	110	4x18	90	11	18	2	105	4,6
50	86	16/25/40	165	102	125	4x18	98	17	20	2	163	6,1
65	106	16/25/40	185	122	145	8x18	112	17	22	2	275	8,2
80	120	16/25/40	200	138	160	8x18	130	22	24	2	418	9,5
100	160	25/40	235	162	190	8xM20	147	22	26	2	654	16,6
125	186	25/40	270	188	220	8xM24	164	22	28	2	1023	23,5

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