

SPARTAN Split Body PN 16-40 ANSI 150-300 carbon steel ball valve

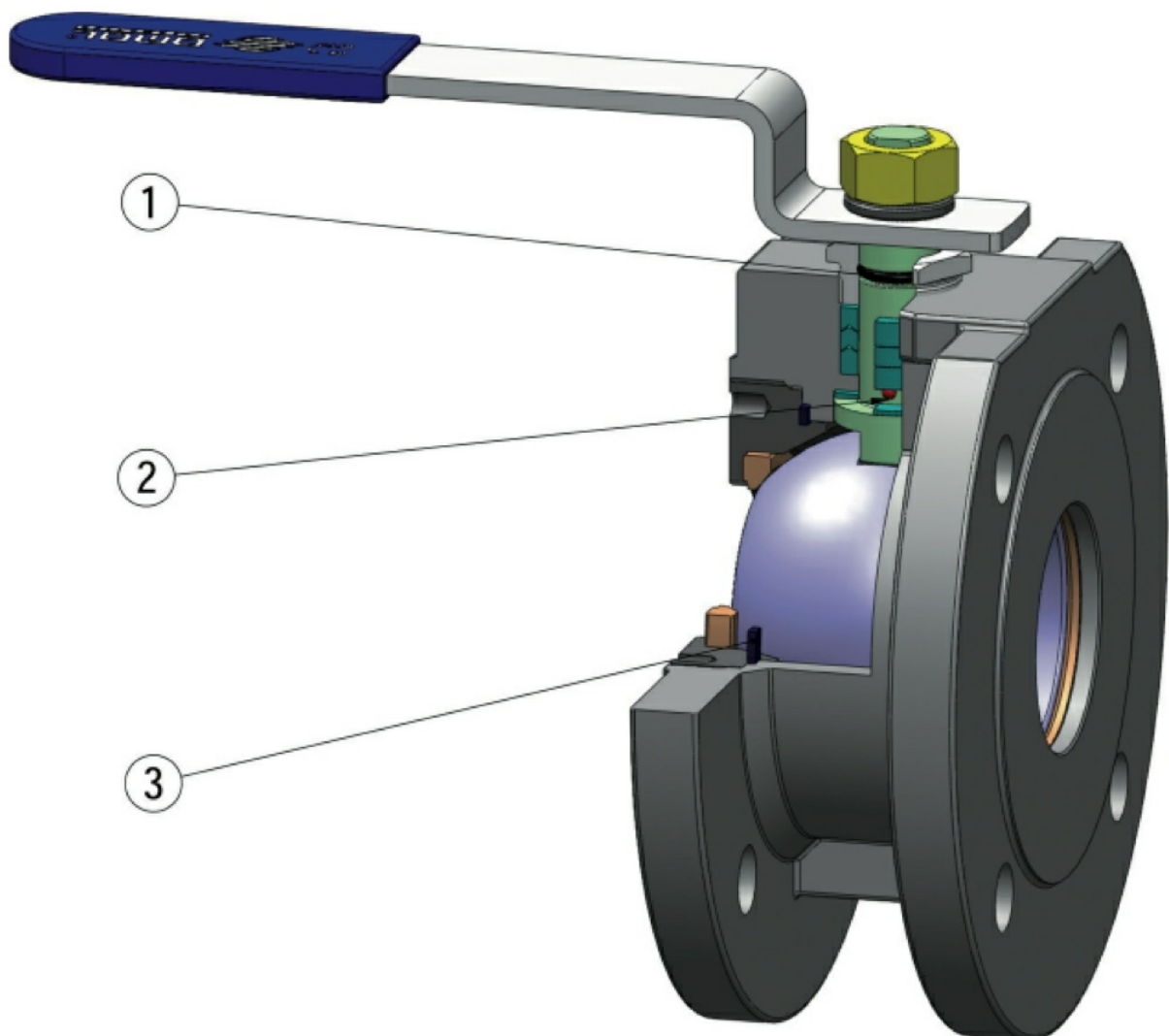


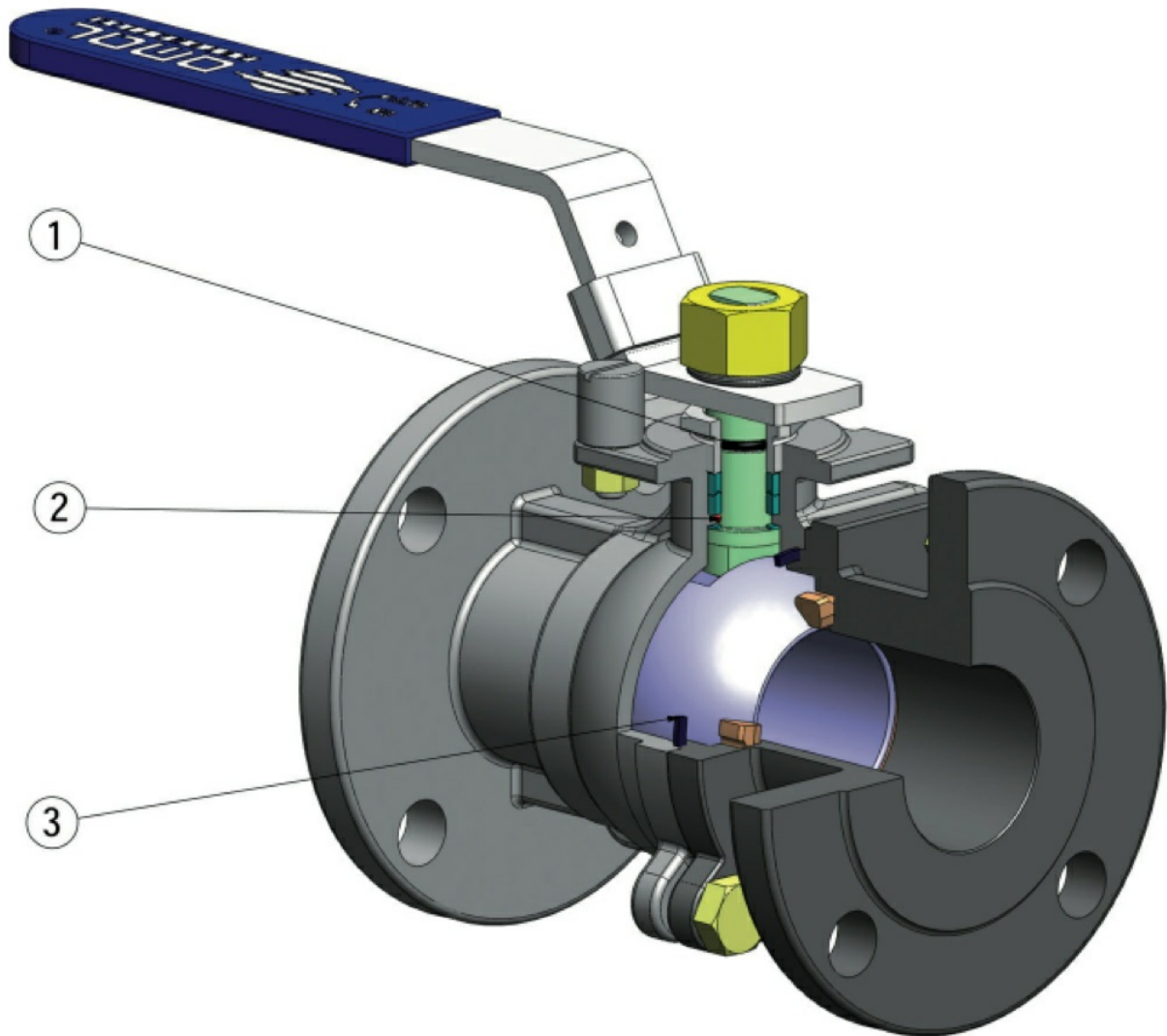
Macro Ball valves

Category STARK & SPARTAN

Subcategory SPARTAN Split Body PN 16-40 ANSI 150-300

benefits





1. Additional Oring on the stem

To grant additional tightness towards outside

2. Antistatic device (electrical continuity between ball, stem and body)

Static electricity is avoided which can cause sparks and fire in an inflammable/ explosive environment
Safety of the contact is granted throughout the entire life of the valve

3. Stretch Graphite seal

Tightness towards outside is granted, independently by the thermal excursions to which the valve is subjected

CASTED line

Lighter Weight

"Fire safe" Certificate

Guarantees the tightness of the valve also in case of fire

ATEX Certificate

Installation is possible in a potential explosive environment

PED Certificate

Compliance with European Safety Standards for Pressure Equipment

features

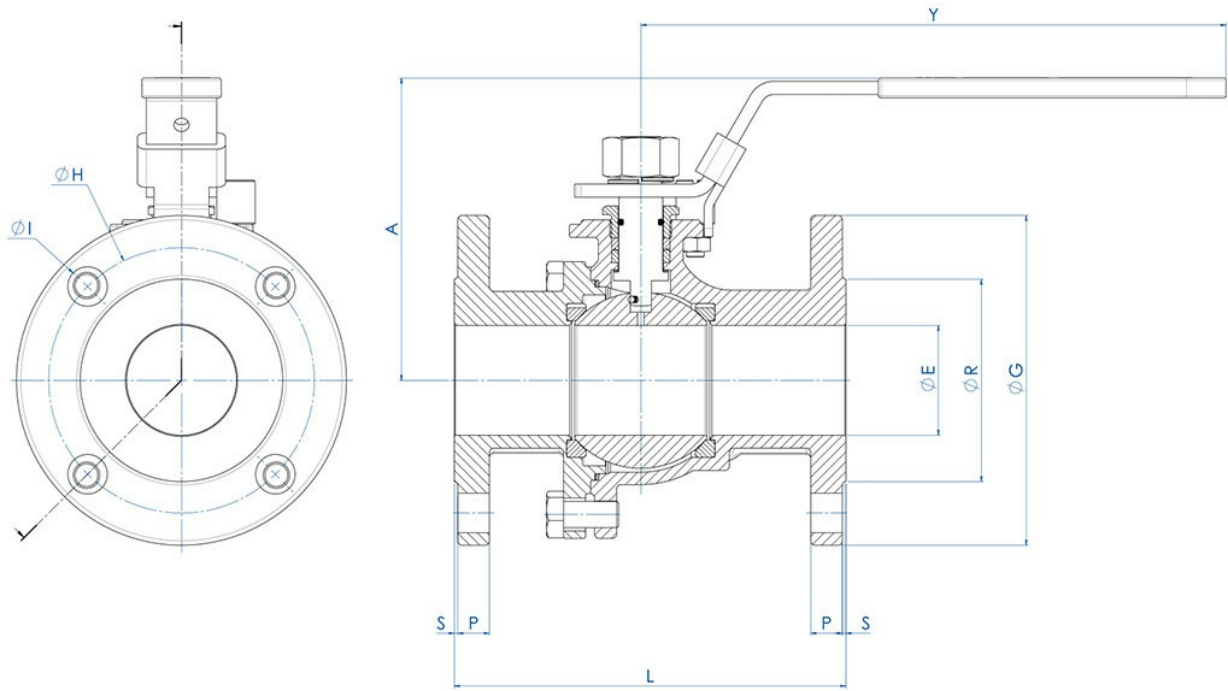
STANDARD FEATURES

- Floating ball, full bore
- Soft-seat seal PTFE+15% glass filled
- Standard for connecting flanges: EN 1092-1; ASME B16.5
- Operating temperature: -20°C/+150°C
- Pressure class: PN16-40; ANSI 150-300
- Intercepted fluid: air, water, gas, petroleum and petrochemical products.
- Antistatic device EN12266-2
- Stem seal: PTFE-ring packing
- Additional seal on stem with FKM O-ring
- Anti Blow-out stem
- Superficial treatment: bluing

CERTIFICATIONS

- In compliance with European Directive 2014/68/UE PED
- In compliance with ATEX 2014/34/EU Directive
- FIRE SAFE: API 607 - EN ISO 10497

dimensions



DIMENSIONS AND CODES -PN-

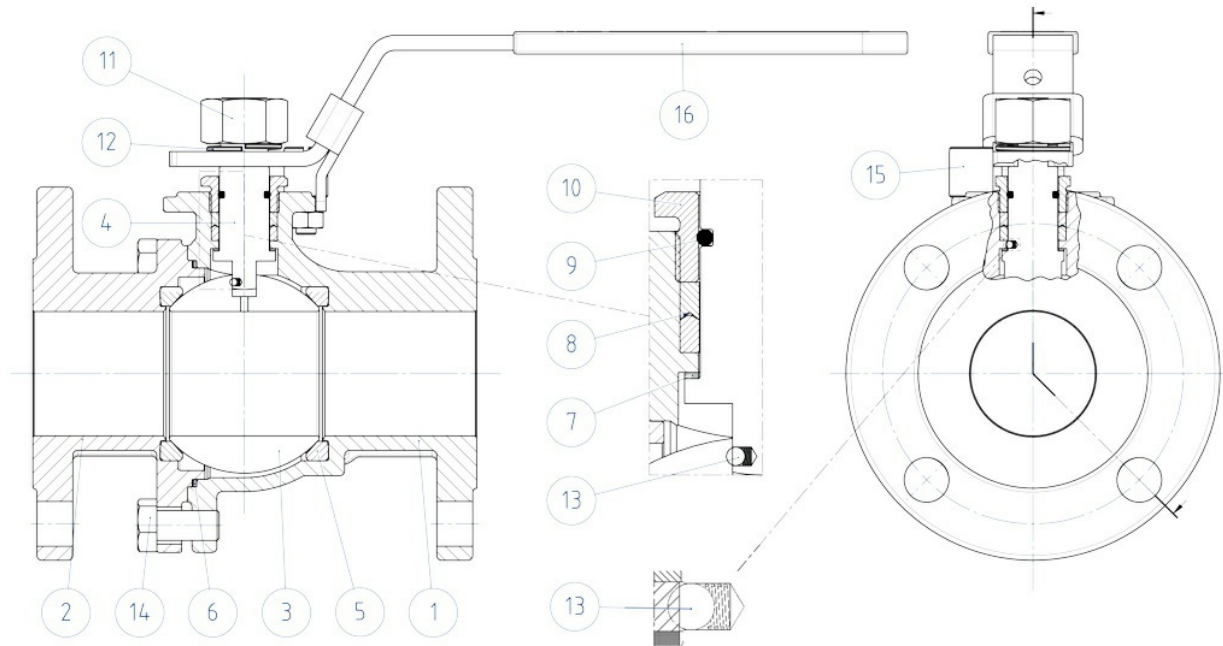
SIZE		PN	Code Carbon Steel A216 WCB	Code Stainless steel CF8M	ØE	A	Y	ØG	ØR	S	P	ØH	N° holes	ØI	Kg	L
DN [mm]	[inch]															
DN 15	1/2"	PN16-40	LSP04F03CC	LSP04F03AE	15	85,7	169	95	45	2	14	65	4	14	2,3	115 (1)
DN 20	3/4"	PN16-40	LSP05F03CC	LSP05F03AE	20	87,5	169	105	58	2	16	75	4	14	2,9	120 (1)
DN 25	1"	PN16-40	LSP06F03CC	LSP06F03AE	25	103	205	115	68	2	16	85	4	14	3,8	125 (1)
DN 32	1" 1/4	PN16-40	LSP07F03CC	LSP07F03AE	32	108	205	140	78	2	16	100	4	18	5,3	130 (1)
DN 40	1" 1/2	PN16-40	LSP08F03CC	LSP08F03AE	38	126	266	150	88	3	15	110	4	18	6,9	140 (1)
DN 50	2"	PN16-40	LSP09F03CC	LSP09F03AE	50	133	266	165	102	3	17	125	4	18	9,4	150 (1)
DN 65	2" 1/2	PN16	LSP10E03CC	LSP10E03AE	63	142	298	185	122	3	15	145	4	18	13,1	170 (1)
DN 80	3"	PN16-40	LSP11F03CC	LSP11F03AE	76	165	390	200	138	3	21	160	8	18	17,8	180 (1)
DN100	4"	PN16	LSP12E03CC	LSP12E03AE	96	183	390	220	158	3	17	180	8	18	25	190 (1)

DIMENSIONS AND CODES -ANSI-

SIZE		ANSI	Code Carbon Steel A216 WCB	Code Stainless steel CF8M	ØE	A	Y	ØG	ØR	S	P	ØH	N° Holes	ØI	Kg	L
DN [mm]	[inch]															
DN 15	1/2"	ANSI 150	LSP04104CC	LSP04104AE	15	85,7	169	89	35	1,6	9,6	60,5	4	16	1,8	108 (2)
DN 15	1/2"	ANSI 300	LSP04204CC	LSP04204AE	15	85,7	169	95	35	1,6	12,7	66,5	4	16	2,3	140 (2)
DN 20	3/4"	ANSI 150	LSP05104CC	LSP05104AE	20	88,5	169	99	43	1,6	9,6	70	4	16	2	117 (2)
DN 20	3/4"	ANSI 300	LSP05204CC	LSP05204AE	20	88,5	169	117	43	1,6	14,2	82,5	4	19	3,2	152 (2)
DN 25	1"	ANSI 150	LSP06104CC	LSP06104AE	25	103	205	108	51	1,6	9,7	79	4	16	3	127 (2)
DN 25	1"	ANSI 300	LSP06204CC	LSP06204AE	25	103,3	205	124	51	1,6	15,9	89	4	19	4,4	165 (2)
DN 32	1" 1/4	ANSI 150	LSP07104CC	LSP07104AE	32	108	205	117	63,5	1,6	11,1	88,9	4	16	4	140 (2)
DN 32	1" 1/4	ANSI 300	LSP07204CC	LSP07204AE	32	108	205	133	64	1,6	17,5	98,5	4	19	5,7	178 (2)
DN 40	1" 1/2	ANSI 150	LSP08104CC	LSP08104AE	38	128	266	127	73,2	1,6	12,7	98,6	4	16	5,8	165 (2)
DN 40	1" 1/2	ANSI 300	LSP08204CC	LSP08204AE	38	128,4	266	156	73	1,6	19	115	4	22	8,6	190 (2)
DN 50	2"	ANSI 150	LSP09104CC	LSP09104AE	50	136	266	152	92	1,6	14,4	120,7	4	19,1	8,4	178 (2)
DN 50	2"	ANSI 300	LSP09204CC	LSP09204AE	50	135,9	266	165	92	1,6	20,8	127	8	19	10,9	216 (2)
DN 65	2" 1/2	ANSI 150	LSP10104CC	LSP10104AE	65	148	298	178	104,6	1,6	16	139	4	19,1	13,2	190 (2)
DN 65	2" 1/2	ANSI 300	LSP10204CC	LSP10204AE	63	147,6	298	190	105	1,6	23,8	149	8	22	16,7	241 (2)
DN 80	3"	ANSI 150	LSP11104CC	LSP11104AE	80	168	390	190	127	1,6	17,5	152	4	19,1	17,3	203 (2)
DN 80	3"	ANSI 300	LSP11204CC	LSP11204AE	76	167,5	390	210	127	1,6	26,9	168	8	22	23,9	282 (2)
DN100	4"	ANSI 150	LSP12104CC	LSP12104AE	100	183	390	228	157,2	1,6	22,4	190,5	8	19,1	27,8	229 (2)
DN100	4"	ANSI 300	LSP12204CC	LSP12204AE	100	182,5	390	254	157	1,6	30,2	200	8	22	38,4	305 (2)

 (1) EN 558 TAB.2 COL.14/DIN 3202-1 F4
 B16.10

(2) ANSI

materials

MATERIALS - B.O.M.

N°	Description	Carbon Steel version	Stainless steel version
1	Body	ASTM A216 WCB	ASTM A351 CF8M (1.4408/GX5CrNiMo19-12-2)
2	connector		
3	Ball	ASTM A351 CF8M (1.4408/GX5CrNiMo19-12-2)	ASTM A351 CF8M (1.4408/GX5CrNiMo19-12-2)
4	Stem	ASTM A276 316	ASTM A276 316
5	Seats	PTFE + 15% GLASS FILLED	PTFE + 15% GLASS FILLED
6	Body-connector gasket	GRAPHITE	GRAPHITE
7	Stem lower sealing	PTFE	PTFE
8	Chevron pack		
9	Stem o-ring	FKM	FKM
10	Gland Nut	304 s.s.	304 s.s.
11	Nut		
12	Grower Spring lock washer		
13	Antistatic device	STAINLESS STEEL	STAINLESS STEEL
14	Bolt	304 s.s.	304 s.s.
15	Stop pin		
16	Lever	STAINLESS STEEL	STAINLESS STEEL

documents

Certificates

[ATEX - Ball Valves](#)

[EAC TR CU 012/2011 - EX](#)

[EAC TR CU 010/2011 - Ball Valves LST-LSP-424](#)

[EAC TR CU 032/2013 - Ball Valves LST-LSP-424](#)

[PED](#)

Instructions

[ISTRUZIONI ATEX 8_0486](#)