



BALL VALVES

THREADED ENDS

Ref. 133A-OW / PN 63



Application

Potable water distribution
Pumping stations
Sewage installations
Irrigation systems
HVAC installations

Approvals/Standards

Thread: ASME B1.20.1, BS21, DIN2999/259, ISO228-1, JIS B 0203, ISO7/1.
Mounting pad acc. to ISO 5211.
Pressure Tests acc. to EN 12266-1 Rate A. GB/T13927-1992
Pressure Tests: Seat: 1,1 x PN, Body: 1,5 x PN.

Range

1/4" - 4", PN63

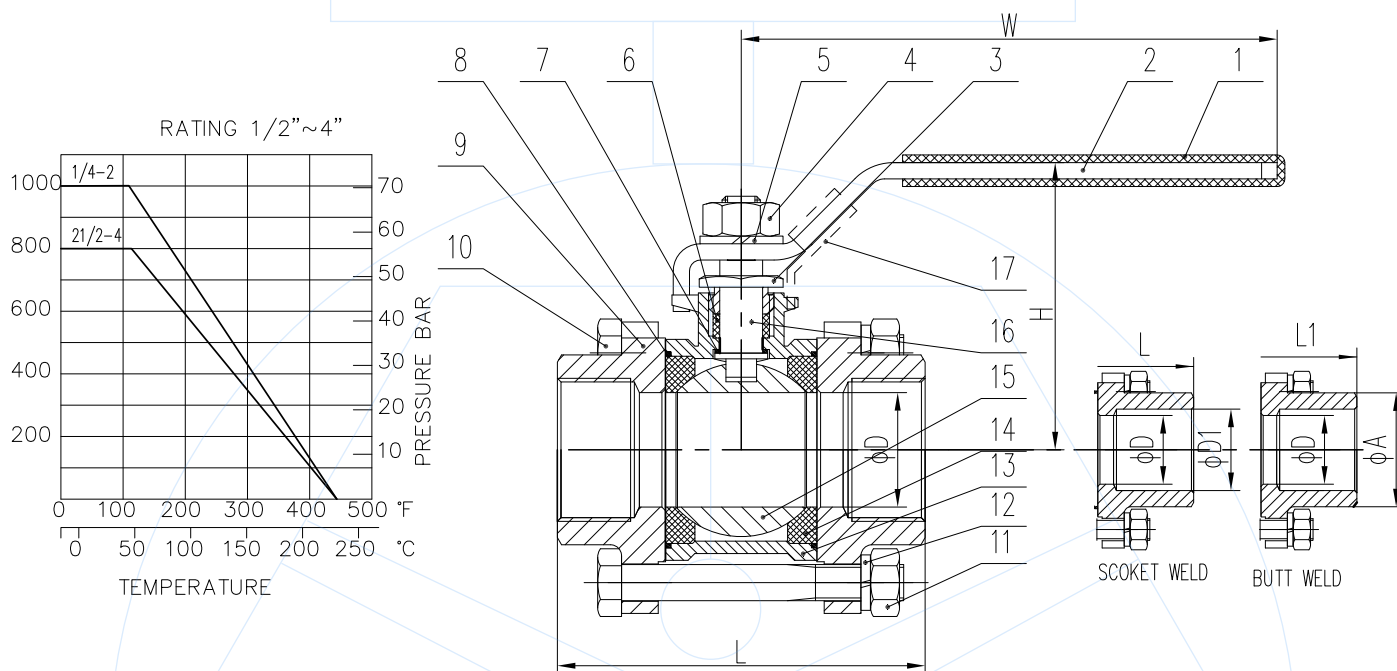


GENERAL CHARACTERISTICS

Sizes 1/4" to 4".
Full bore.
1000 psi, PN63 WOG.
100% Tightness in both ways.
Blocking device.
ISO mounting top flange.
Butt weld and socket weld ends available.

WORKING CONDITIONS

Pressure ratings: Up to 6.3 Mpa.
Working temperature: -30°C + 250°C.
Flow media: Oil, water, gas.

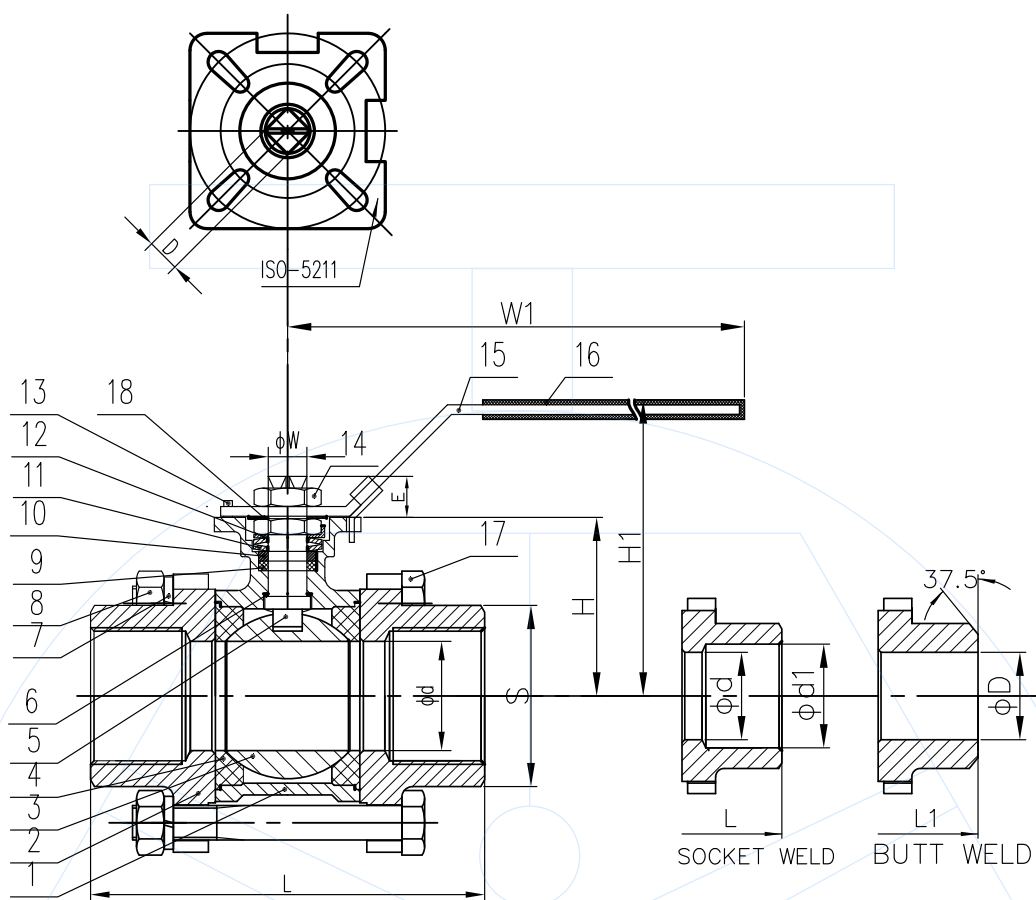


Components may be replaced with materials of equivalent or superior grade without prior notice, in accordance with our continuous improvement policy.

Nº	ITEM	MATERIAL
1	Plastic sleeve	PVC
2	Handle	AISI 304
3	Gland nut	AISI 304
4	Stem nut	AISI 304
5	Stem washer	AISI 304
6	Stem packing	PTFE
7	Thrust washer	PTFE
8	Gasket	PTFE
9	End cap	AISI 304 / 316 / WCB
10	Bolt	AISI 304
11	Nut	AISI 304
12	Spring washer	AISI 304
13	Body	AISI 304 / 316 / WCB
14	Ball seat	PTFE
15	Ball	AISI 304 / 316
16	Stem	AISI 304 / 316
17	Locking device	AISI 304

DN	D	L	H	W	D1	L1	A	Weight (kg)
1/4"	12	50	48	103	14.1	60.4	18	0.26
3/8"	12	50	48	103	17.6	60.4	19.5	0.27
1/2"	15	60	52	103	21.7	66.5	23	0.45
3/4"	20	70	61	123	27.1	80	28.8	0.61
1"	25	80	65	123	33.9	84	34.8	0.83
1 1/4"	32	93	79	153	42.6	104	45	1.46
1 1/2"	38	100	83	153	48.7	112	51	1.83
2"	50	125	97	185	61.1	135	62.5	3.06
2 1/2"	64	158	135	243	77	160.2	77	6.07
3"	76	179	144	243	98.8	182.2	94	9.1
4"	94	223	172	315	115.5	226.8	125	17.66

VALVE WITH ISO MOUNTING PAD



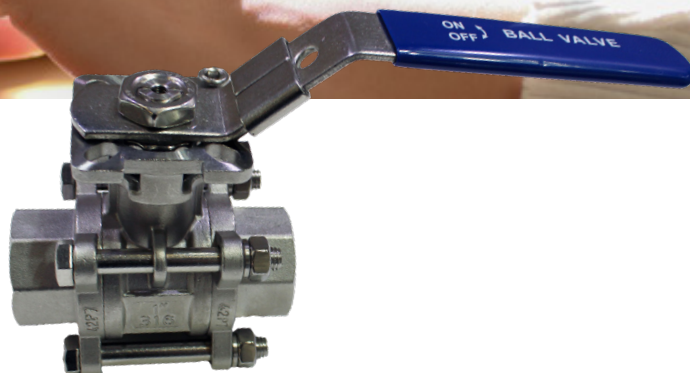
Nº	ITEM	MATERIAL														Torque (Nm)	Weight (kg)
1	Body	AISI 304 / 316	DN	d	d1	L	L1	H	D	E	W	ISO 5211	W1	H1			
2	Cap	AISI 304 / 316															
3	Ball	AISI 304 / 316															
4	Seat	PTFE	1/4"	11.6	14.2	55	60	38	9	9	12	F04/03	143	65	2.5	0.42	
5	Stem	AISI 304 / 316	3/8"	12.5	17.7	60	60	38	9	9	12	F04/03	143	65	2.5	0.43	
6	Thrust washer	PTFE	1/2"	15	21.8	75	70	38	9	9	12	F04/03	143	65	4	0.56	
7	Spring washer	AISI 304	3/4"	20	27.2	80	85	47	9	9	12	F04/03	143	76	6	0.68	
8	Bolt nut	AISI 304	1"	25	34	90	95	60	11	11	14	F05/04	168	95	11	1.06	
9	Stem packing	PTFE	1 1/4"														
10	Ring	AISI 304		32	42.7	110	110	62.7	11	11	14	F05/04	168	95	12	1.70	
11	Belleville washer	AISI 301	1 1/2"														
12	Lock washer	AISI 304		38	48.8	120	120	79	14	15	18	F07/05	190	115	12	2.50	
13	Stop pin	AISI 304	2"	50	61.2	140	142	88	14	15	18	F07/05	190	124	35	3.60	
14	Handle nut	AISI 304	2 1/2"														
15	Handle	AISI 304		64	74	162	166	109.1	17	17	22	F10/07	350	140	45	6.88	
16	Handle sleeve	PVC	3"	76	90	184	182	116.2	17	17	22	F10/07	350	150	55	10.23	
17	Bolt	AISI 304	4"	94	115.6	228	227	142	22	22	28	F12/07	350	175	87	19.00	
18	Washer	AISI 304															
	Locking device	AISI 304															



CONTACT US

DAVINCI VALVES ORDER REQUEST

Ref. 133A-OW / PN 63



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