

Specification

Brand:	Ebora
Type:	QC18
Housing:	Stainless steel CF8M
Design:	API 608
Rating:	1000 PSI 1/4"~2" 800 PSI 2 1/2"~4"
Connection:	Thread: ISO228-1, BSPP or Butt weld ASME B 16.25
Inspection:	API 598, EN12266



Design features

- Construction: 2-way
- Body construction: 3-piece, full bore
- Blow-out proof stem
- ISO 5211 standard actuator mounting pad
- Stem packing with O-ring design Viton and multiple seal
- Lockable lever
- Floating ball
- •Pressure class 1000/800 PSI WOG
- Connection according to ISO 228-1 BSPP or Butt weld ASME B 16.25

Options

- Connections: NPT ASME B 1.20.1, BS21, DIN2999/259, JIS B 0203, ISO7-1
- With worm gearbox, pneumatic or electric actuator
- Body materials: CF8 and WCB

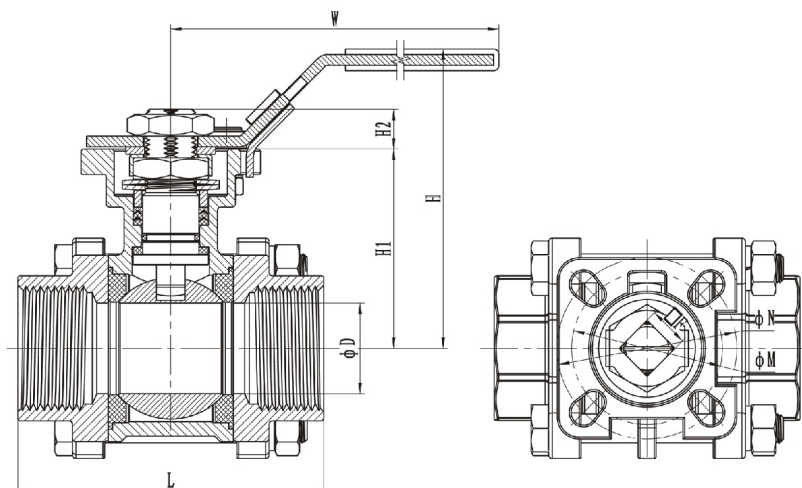
Application

Light industrial applications up to 68 bar.

The ball valves are available upon request with a 3.1 Material Certificate.

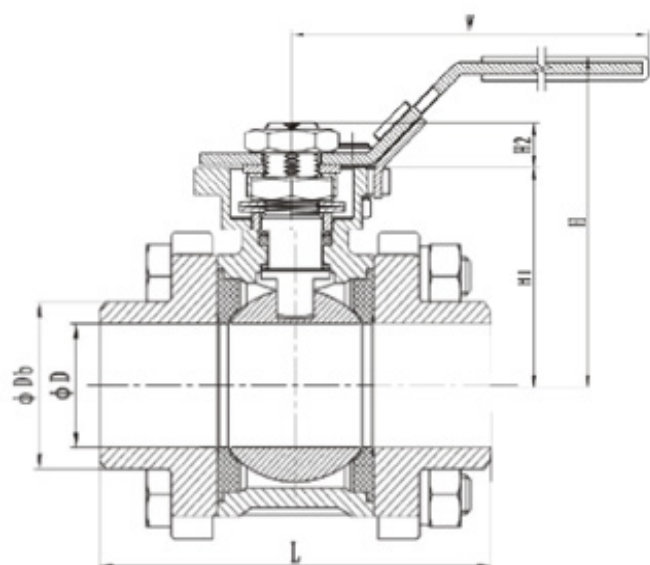
Dimensions Thread: ISO228-1, BSPP

Size	D	L	W	H	H1	H2	F	M	N	ISO5211
1/4"	9.7	64	141	72	38.5	9	9	36	42	F03/F04
3/8"	12.5	64	141	72	38.5	9	9	36	42	F03/F04
1/2"	15	72	141	75	42	9	9	36	42	F03/F04
3/4"	20	80	141	81	48	9	9	36	42	F03/F04
1"	25	85	162	93	55	11	11	42	50	F04/F05
1-1/4"	32	105	162	98	60	11	11	42	50	F04/F05
1-1/2"	38	113	188	109	70	14	14	50	70	F05/F07
2"	50	132	188	124	85	14	14	50	70	F05/F07
2 1/2"	65	170	233	156	109	19	17	70	102	F07/F10
3"	76	186.5	233	165	118	19	17	70	102	F07/F10
4"	94	226.5	323	186	133	22	22	70	102	F07/F10

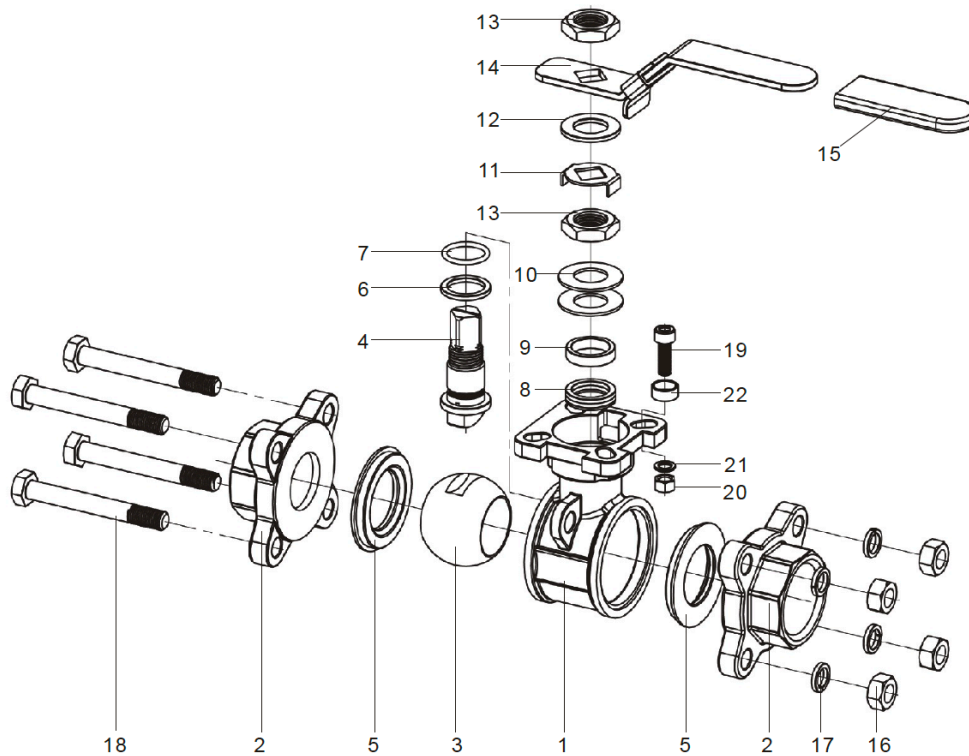


Dimensions Butt weld ASME B 16.25

Size	D	Db	L	W	H	H1	H2	F	M	N	ISO5211
DN8	10,5	15,2	61	141	72	38,5	9	9	36	42	F03/F04
DN10	12,5	17,2	61	141	72	38,5	9	9	36	42	F03/F04
DN15	15	22,5	63	141	75	42	9	9	36	42	F03/F04
DN20	20	27,5	78,5	141	81	48	9	9	36	42	F03/F04
DN25	25	34	87	162	93	55	11	11	42	50	F04/F05
DN32	32	43	97,5	162	98	60	11	11	42	50	F04/F05
DN40	38	50	113	188	109	70	14	14	50	70	F05/F07
DN50	50	62	135	188	124	85	14	14	50	70	F05/F07
DN65	65	77	170	233	156	109	19	17	70	102	F07/F10
DN80	76	90	192	233	165	118	19	17	70	102	F07/F10
DN100	101	115	245	323	186	133	22	22	70	102	F07/F10



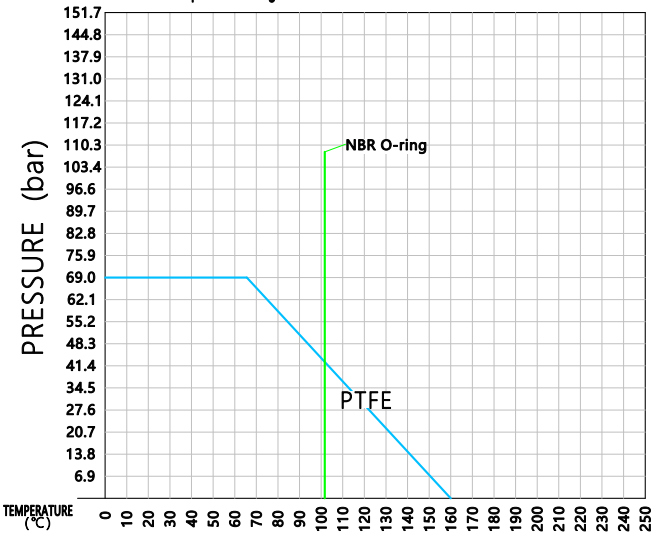
Part Drawing



No	Item	Material		
1	Body	CF8M	CF8	WCB
2	Cap	CF8M	CF8	WCB
3	Ball	F316	F304	F304
4	Stem	F316	F304	F304
5	Seat	PTFE/RTFE	PTFE/RTFE	PTFE/RTFE
6	Gasket	PTFE	PTFE	PTFE
7	O O-ring	VITON	VITON	VITON
8	Stem packing	PTFE	PTFE	PTFE
9	Packing gland	304	304	304
10	Spring washer	SS301	SS301	SS301
11	Locking washer	304	304	304
12	Steel washer	304	304	304
13	Nut	A2-70	A2-70	A2-70
14	Handle	304	304	304
15	Handle cover	PVC	PVC	PVC
16	Nut	A2-70	A2-70	A2-70
17	Spring washer	304	304	304
18	Bolt	A2-70	A2-70	A2-70
19	Screws	A2-70	A2-70	A2-70
20	Nut	A2-70	A2-70	A2-70
21	Steel washer	304	304	304
22	Locating pin	304	304	304

Druck-Temperatur-Diagramm/Pressure-Temperature-Diagram

Druck-Temperatur-Diagramm (PTFE-NBR)
Pressure-Temperature-Diagram (PTFE-NBR)



ISO228-1, BSPP



Processconnection	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Type QC18-311xx	21	22	23	24	25	26	27	28	29	30	31
Pressure class	PN63	PN63	PN63	PN63	PN63	PN63	PN63	PN63	PN40	PN40	PN40
Item code	10179208	10179209	10179210	10179211	10179212	10179213	10179214	10179215	10179216	10179217	10179218

Buttweld ASME B



Processconnection	DN8	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
Type QC18-311xx	60	61	62	63	64	65	66	67	68	69	70
Pressure class	PN63	PN63	PN63	PN63	PN63	PN63	PN63	PN63	PN40	PN40	PN40
Item code	10179452	10179453	10179454	10179455	10179456	10179457	10179458	10179459	10179460	10179461	10179462