

Ceramic Ball Valves Class 150 Full Lined

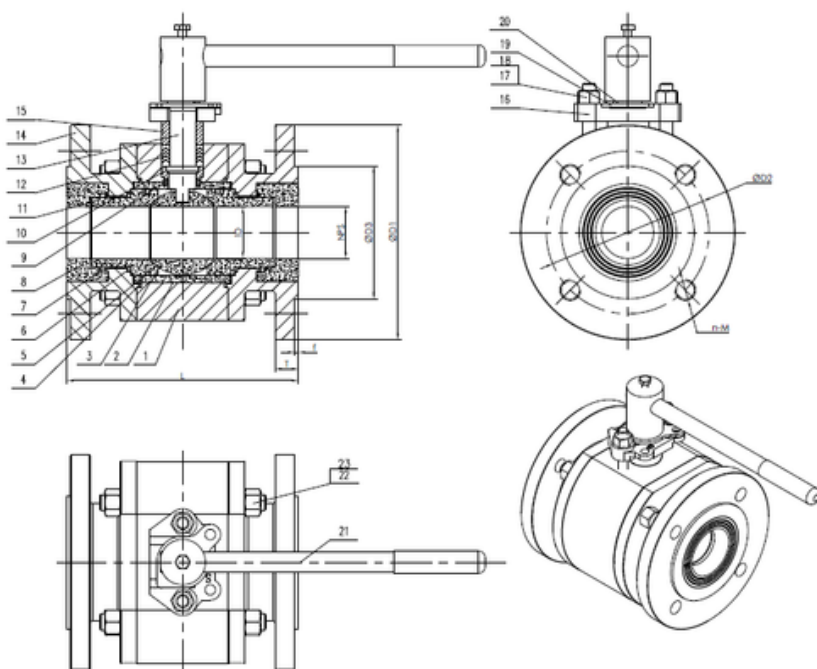
Industry Standards

Basic Desing: ASME B16.34 & Manufacturer's Std

Face-to-Face: ASME B16.10

End Flange Dimensions: ASME B16.5

TESTING: API 598



Dimension: mm Weight: kg

SIZE	L	D1	D2	D3	Weight
1/2"	108	89	61	35	19
3/4"	117	98.5	70	43	32
1"	127	108	80	51	48
1 1/2"	165	127	98	63	71
2"	178	152	121	91	77
2 1/2"	191	178	140	104	132
3"	203	190	153	127	199
4"	228	229	191	157	271
5"	245	254	216	186	449
6"	267	279	241	216	541
8"	292	343	298	270	724

Technical sheet - June 2025



Pressure Temperature Rating

1. **Nominal Pressure:** 150 Lb

2. **Shell Test:** 3.0 MPa

3. **Seal Test:** 2.2 MPa

4. **Air Seal Test:** 0.6MPa

ITEM	NAME	MATERIAL
1	Body	ASTM A105
2	Bushing	99% Al2O3 Ceramics
3	Ball	ZrO2 Ceramics
4	O-Ring	FKM
5	O-Ring	FKM
6	O-Ring	FKM
7	O-Ring	FKM
8	Adapter Lining	99% Al2O3 Ceramics
9	Gasket	RPTFE
10	Sleeve	SS304
11	Seat	99% Al2O3 Ceramics
12	Packing	PTFE
13	Stem	17-4PH
14	Adapter	ASTM A105
15	Gland	SS304
16	Gland Flange	ASTM A351 CF8
17	Bolt	ASTM A193 B7
18	Nut	ASTM A194 2H
19	Stopper	SS304
20	Circlip	SS304
21	Lever	SS304
22	Bolt	ASTM A193 B7
23	Lever	ASTM A194 2H

Features and measurements subject to change