

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



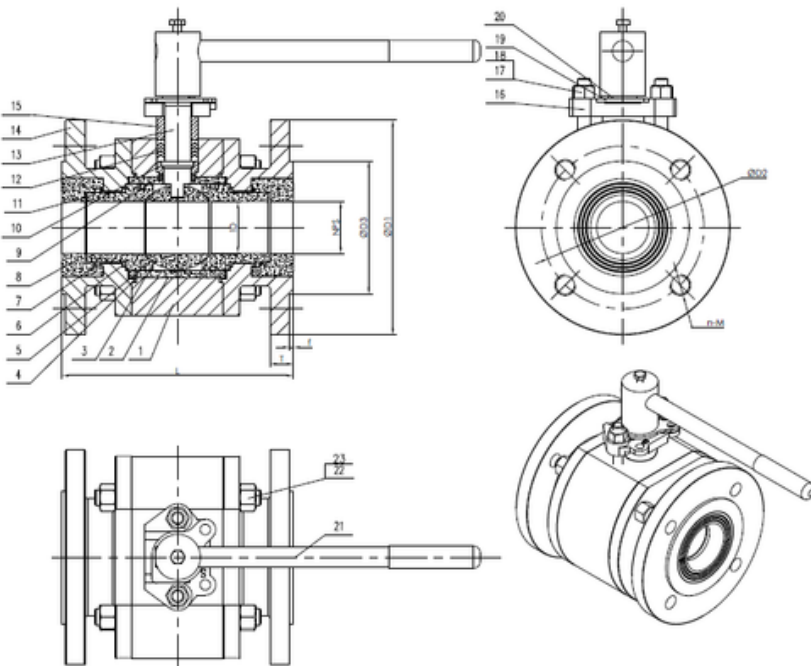
Pressure Temperature Rating

1. **Nominal Pressure:** 150 Lb

2. **Shell Test:** 3.0 MPa

3. **Seal Test:** 2.2 MPa

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



Dimension: mm **Weight:** kg

SIZE	L	D1	D2	D3	Weight
1/2"	108	89	61	35	6
3/4"	117	98.5	70	43	6.5
1"	127	108	80	51	10
1 1/2"	165	127	98	63	12
2"	178	152	121	91	13
2 1/2"	190	178	140	104	26
3"	203	190	153	127	34
4"	229	229	191	157	38
5"	356	254	216	186	80
6"	394	279	241	216	138
8"	457	343	298	270	195

Technical sheet - June 2025

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