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FLANGE-CONNECTION FLOATING BALL VALVE

TECHNICAL SPECIFICATIONS

Design reference	GB 系列 GB series	API 系列	
Design standard	GB/T12237	API 6D	ANSI B16.34
Flange-connection	GB/T12221	API 6D	ANSI B16.10
Structural length	GB/T15188.1	API 6D	ANSI B16.10
Connecting flange	GB/T9113	ANSI B16.5. B16.47	
Butt-welding ends	GB/T12224	ANSI B16.25	
Test & Inspection	GB/T9092	AP16D	API598

MAIN PARTS AND MATERIALS

NO.	Accessory name	Material	
		GB	ASTM
1	Body	WCB	A216-WCB
2	Sealing Ring	PTFE	PTFE
3	Globe Ball	1Cr18Ni9Ti	SS304
4	Nut	35	A194-2H
5	Stud	35Crmoa	A193-B7
6	Bonnet	WCB	A216-WCB
7	Gasket	Graphite + taintless steel	B12.10-304/F.G
8	Stuffing	PTFE	PTFE
9	Gland	WCB	A216-WCB
10	Locating piece	25	A 105
11	Ring	65Mn	AISI 1066
12	Wrench	Kt33	A47-667 Gr.32510
13	Stem	1Cr33	A276-410
14	Screw	35	A193-B7
15	Gasket	PTFE	PTFE

TEST PRESSURE

Pressure grade		Test pressure (Mpa)	
Nominal pressure	Pound (class)	Shell test	Sealing test
1.0	-	1.5	1.1
1.6	-	2.5	1.76
2.5	-	3.8	2.75
4.0	-	6.0	4.4
6.4	-	9.6	7.04
-	150	3.0	2.2
-	300	7.6	5.6
-	600	15.0	11.0
-	10K	2.4	1.5
-	20K	5.8	4.0