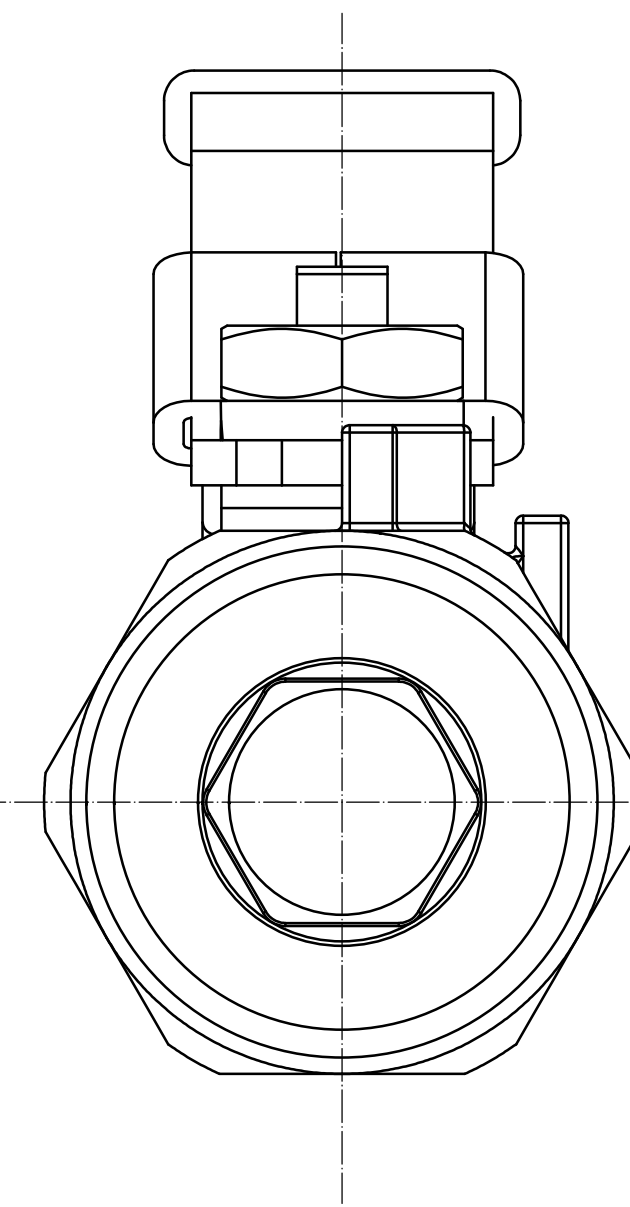
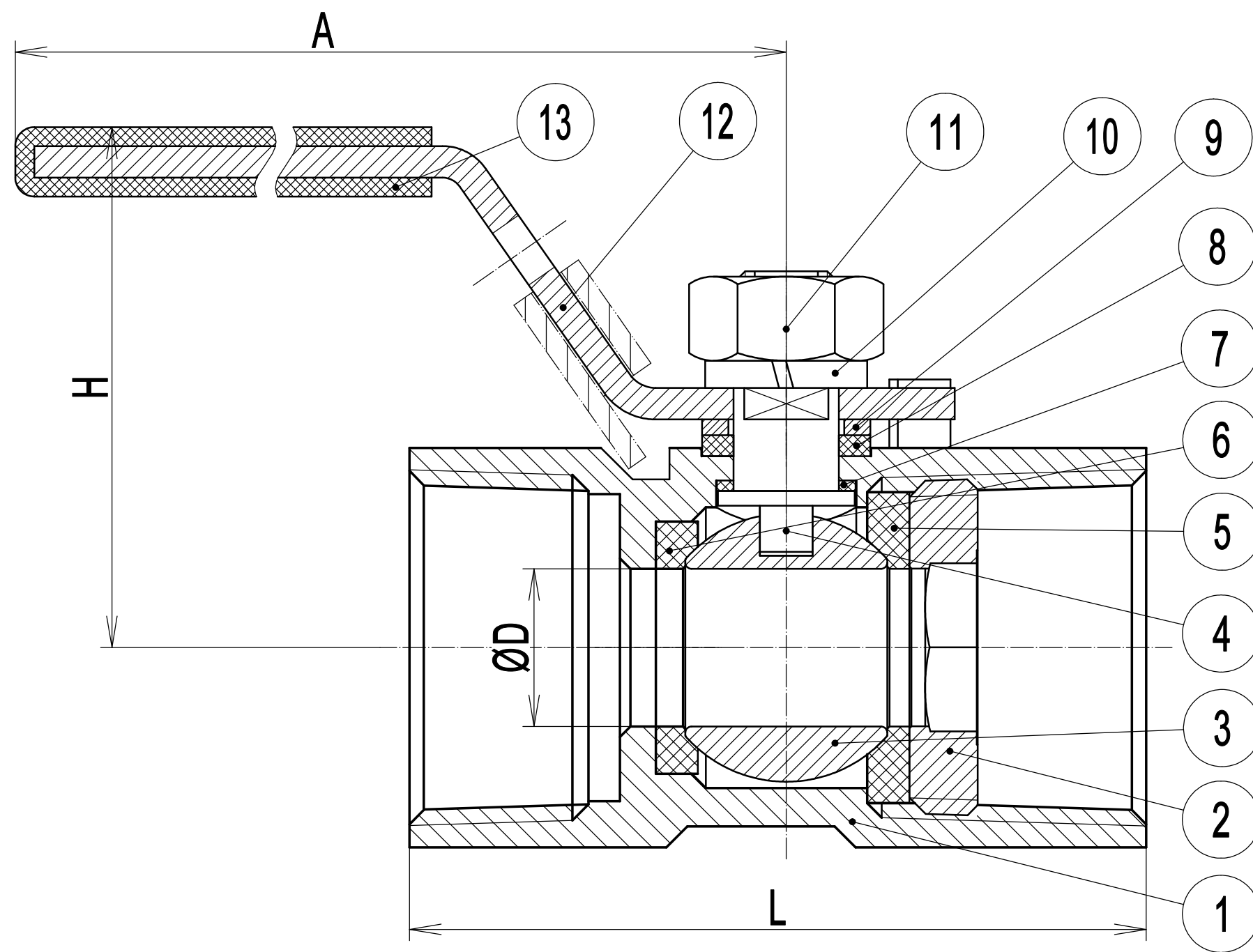




Pressure	1000PSI	
Valve Size	1/4" ~ 3"	
Body Material	WCB	CF8/CF8M
Shell Test	10.4 MPa	10 MPa
High-pressure closure(water)	7.6 MPa	7.4 MPa
Low-pressure closure(gas)	0.6 MPa	0.6 MPa
Min. test duration	15s, > 2"60s	

DESIGN SPECIFICATION

- 1.Design standard refer to factory standards;
- 2.F2F:factory standard
- 3.Pressure Level: Check the specification table
- 4.Test standard: API598, DIN12266;
- 5.Working medium: Water, oil, gas and other slightly corrosive, non-hard particles of the medium;
- 6.Working temperature: -29°C ~ 200°C.

Connection	Standard
BSPP	ISO 228-1
BSPT	EN 10226-2
NPT	ASME B1.20.1

13	Handle Cover	1	PVC		
12	Handle	1	A240-304		
11	Nut	1	A194-8		
10	Spring Washer	1	A276-304		
9	Steel Washer	1	A240-304		
8	Stem Packing	1	PTFE		
7	Gasket	1	PTFE		
6	Seat	1	RTFE		
5	Seat	1	RTFE		
4	Stem	1	A276-316	A276-304	
3	Ball	1	A182-F316	A182-F304	
2	Cap	1	A351-CF8M	A216-WCB	A351-CF8
1	Body	1	A351-CF8M	A216-WCB	A351-CF8
No.	Item	Qty.	Material		

Unit (Inch)

Dim.	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
ØD	0.20	0.28	0.36	0.49	0.59	0.79	0.98	1.26	1.50	1.97
L	1.54	1.73	2.22	2.32	2.80	3.07	3.27	3.90	5	6.02
H	1.22	1.34	1.57	1.69	1.95	2.13	2.46	2.60	3.35	3.54
A	2.56	3.46	4.33	4.33	4.33	4.33	6.10	6.10	7.44	7.44

DATE	2026.3.6	DRAWN	Yeshuai.Q		PART NAME	1PC Thread Ball Vavle-Reduced Port	
TOLERANCE	ISO 2768-1	SCALE	1:1		MATERIALS	CF8M&CF8&WCB	
		JOB NO.	N/A		DRAWING NO.	Q1110P-00	

