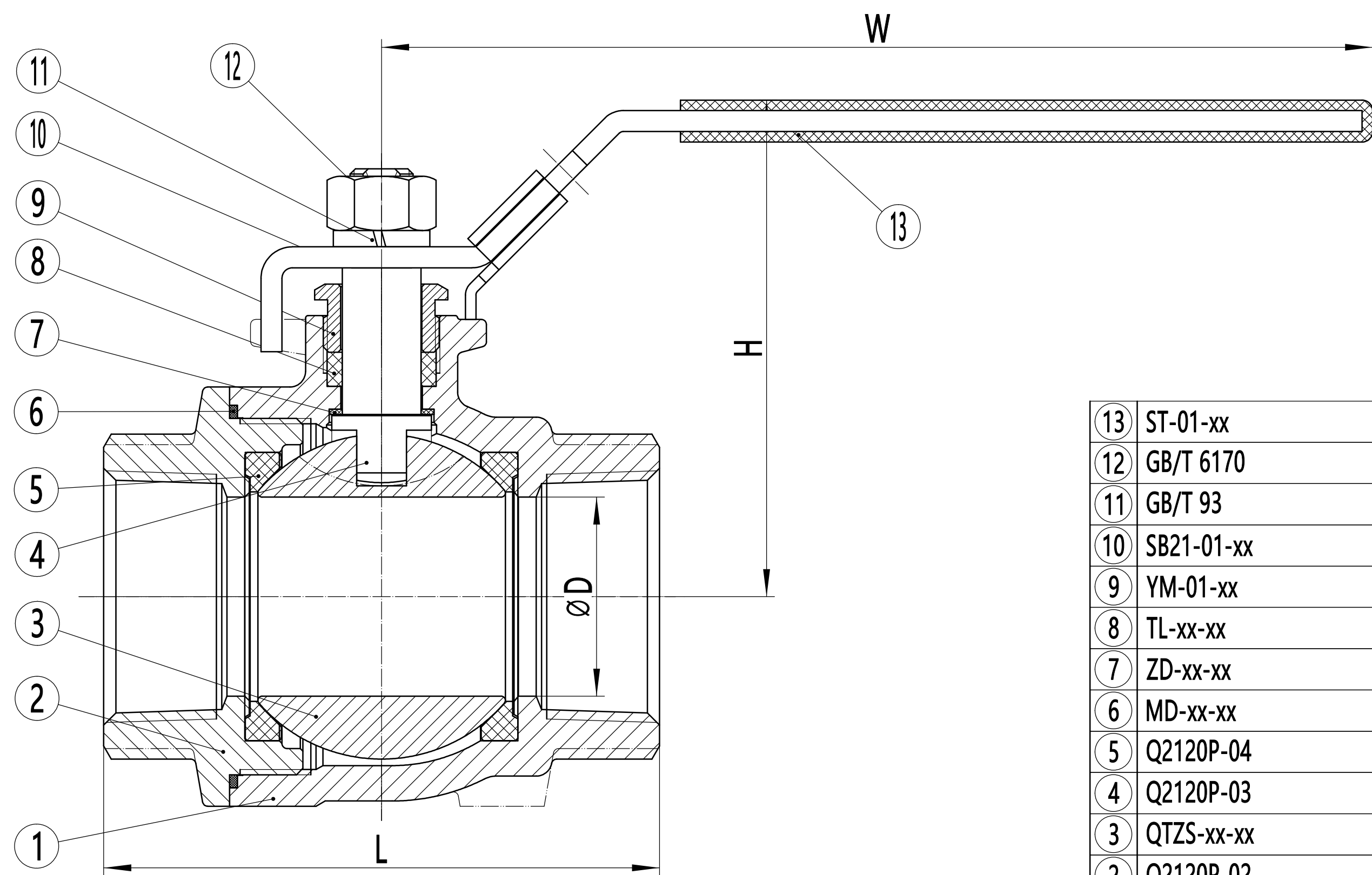




Specification		
Pressure		2000psi
Standard		API598
Item	Shell Test	20.7MPa/60s
	High-pressure(water)	15.2MPa/60s
	Low-pressure(gas)	0.6 MPa/60s

Design Specification
1.Design Standard: ASME B16.34.
2.Face-to-Face Dimension: GB/T 12221-N9.
3.Thread Standard: As per customer's order.
4.Pressure-Temperature Rating: -29 ~ 38°C / 13.79 MPa; 160°C / 0.5 MPa.
5.Applicable Media: Water, oil, gas and other slightly corrosive media without hard particles.

13	ST-01-xx	Handle Cover	1	PVC			
12	GB/T 6170	Nut	1	A2-70			
11	GB/T 93	Spring Washer	1	304			
10	SB21-01-xx	Handle	1	A240-304			
9	YM-01-xx	Packing Gland	1	A182-F304			
8	TL-xx-xx	Stem Packing	1	PTFE			
7	ZD-xx-xx	Gasket	1	PTFE			
6	MD-xx-xx	Cap Gasket	1	PTFE			
5	Q2120P-04	Seat	2	PTFE			
4	Q2120P-03	Stem	1	A276-304/316			
3	QTZS-xx-xx	Ball	1	A182-F304/F316			
2	Q2120P-02	Cap	1	A351-CF8/CF8M			
1	Q2120P-01	Body	1	A351-CF8/CF8M			
NO.	Drawing	Item	Qty.	Material	Single	Total	Remark
					Weight	Weight	

Unit (Inch)								
Dim.	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
D	0.43	0.49	0.59	0.79	0.98	1.26	1.50	1.97
W	4.09	4.09	4.96	4.96	5.67	5.67	7.44	7.44
H	2.01	2.01	2.09	2.56	3.03	3.21	3.72	4.02
L	1.89	2.20	2.68	3.07	3.35	3.94	4.17	5.12

DATE	2026.3.16	DRAWN	Yeshuai.Q	PART NAME	2PC Thread Ball Vavle 2000PSI-Full Port		
TOLERANCE	ISO 2768-1	SCALE	1:1	MATERIALS	CF8M		
		JOB NO.	N/A	DRAWING NO.	Q2120P-00		

