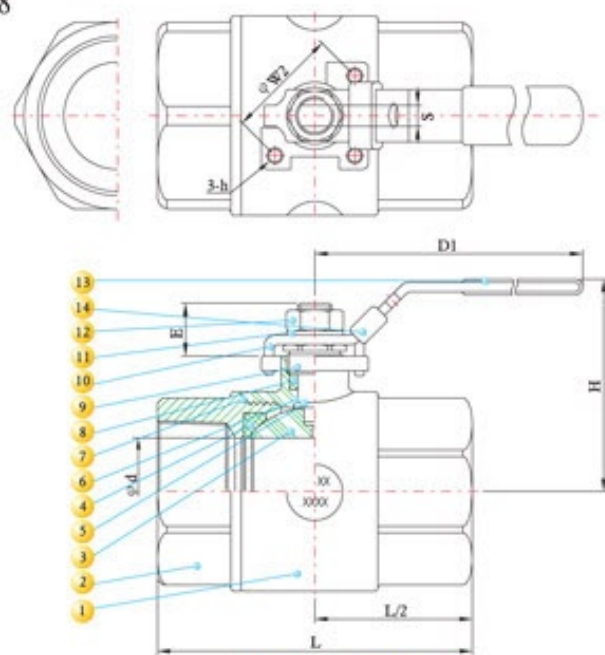


DESIGN FEATURES:

- Steam rating: 250 psi WSP
- Blow-out-proof stem design
- ISO 5211 Mounting Pad
- Body: ASTM A351 Gr.CF8M
- Ball: SS316
- Stem: SS316
- Seals: CGT (CARBON and GRAPHITE Reinforced PTFE)
- Seats, seals and Packings
- End Connections: Threaded End
- Working Pressure: 1/4"~1" 2000 psi
 1 1/4"~3" 1500 psi
- Temperature Range: -50° to 500°F
- Padlocking device
- TEST STANDARD: API 598
- Vacuum Service to 29" Hg
- Threaded Type:
 ANSI B1.20.1 (NPT)
 DIN 259/DIN 2999
 ISO 228
 BSP
 PT

SERIES 120



DIMENSIONS

SIZE	d		E		L		H		S		D1		W2		h (Option)	Cv Factor	Weight		
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm			Kg	Lb	
1/4"	8	0.44	11.3	0.59	15.0	2.23	56.75	1.64	41.73	0.21	5.45	4.06	103	1.42	36	M5*p0.8	6	0.35	0.77
3/8"	10	0.49	12.5	0.59	15.0	2.23	56.75	1.64	41.73	0.21	5.45	4.06	103	1.42	36	M5*p0.8	9	0.35	0.77
1/2"	15	0.49	12.5	0.59	15.0	2.35	59.75	1.64	41.73	0.21	5.45	4.06	103	1.42	36	M5*p0.8	9	0.32	0.71
3/4"	20	0.69	17.5	0.80	20.3	3.18	80.70	1.93	48.95	0.24	6.20	5.00	127	1.42	36	M5*p0.8	27	0.65	1.43
1"	25	0.89	22.5	0.73	18.5	3.44	87.50	2.06	52.25	0.24	6.20	5.00	127	1.42	36	M5*p0.8	35	0.75	1.65
1 1/4"	32	1.00	25.4	1.15	29.3	4.09	103.80	2.45	62.34	0.37	9.40	6.02	153	1.97	50	M6*p1.0	41	1.50	3.31
1 1/2"	40	1.26	32.0	1.09	27.7	4.45	113.00	2.67	67.74	0.37	9.40	6.02	153	1.97	50	M6*p1.0	75	1.80	3.96
2"	50	1.50	38.0	1.11	28.1	5.38	136.62	2.79	70.98	0.37	9.40	7.60	193	1.97	50	M6*p1.0	115	2.80	6.17

MATERIALS LIST

NO.	PART NAME	MATERIAL	QTY
1	BODY	ASTM A351 Gr.CF8M	1
2	CAP	ASTM A351 Gr.CF8M	1
3	BALL	ASTM A351 Gr.CF8M	1
4	STEM	ASTM A276 Gr.316	1
5	SEAT	CGT	2
6	GASKET	CGT	1
7	THRUST WASHER	CGT	1
8	PACKING	CGT	1
9	GLAND	SS304	1
10	HANDLE	SS304	1
11	SPRING WASHER	SS304	1
12	HANDLE SLEEVE	VINYL GRIP	1
13	LOCKING PLATE	SS304	1

PRESSURE TEMPERATURE RATINGS

