

DESIGN FEATURES:

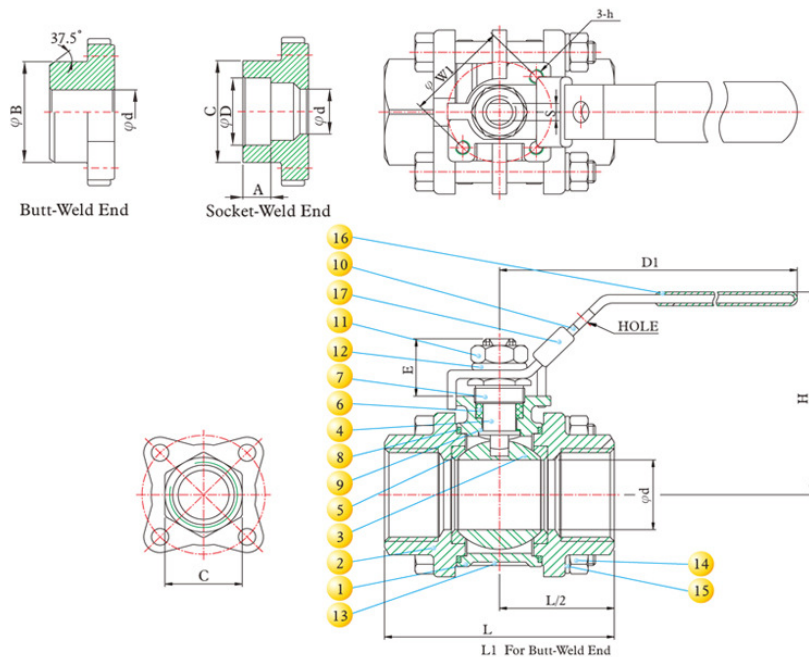
- Steam rating: 150 psi WSP
- Blow-out-proof stem design
- ISO 5211 Mounting pad
- Body: ASTM A351 Gr.CF8M/A216 WCB
- Ball: SS316
- Stem: SS 316
- Seat: Reinforced Teflon
- End Connections: Threaded End
Socket Weld End
Butt Weld End
- Working Pressure: 1000 psi
- Temperature Range: -50° to 450°F
- Padlocking device
- TEST STANDARD: API 598
- Vacuum Service to 29" Hg
- NACE MR-0175 FULL COMPLIANCE

CARBON STEEL BALL VALVE SERIES 131

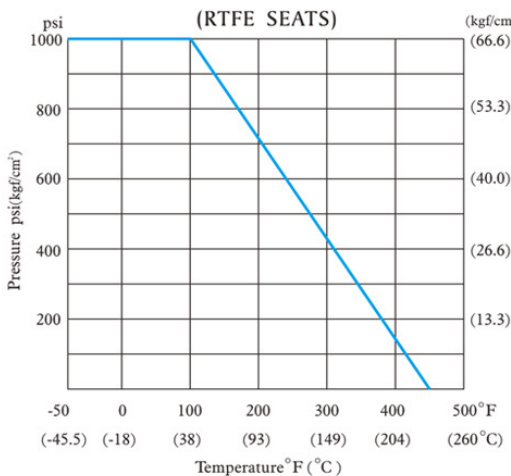


MATERIALS LIST

NO.	PART NAME	MATERIAL	QTY
		CARBON STEEL	
1	BODY	ASTM A216 WCB	1
2	CAP	ASTM A216 WCB	2
3	BALL	ASTM A351 Gr.CF8M	1
4	STEM	ASTM A276 Gr.316	1
5	SEAT	PTFE+15% G/F	2
6	PACKING	PTFE	1
7	GLAND	SS304	1
8	END SEALS	PTFE	2
9	THRUST WASHER	PTFE	1
10	HANDLE	SS304	1
11	HANDLE NUT	SS304	1
12	SPRING WASHER	SS304	1
13	BOLTS	ASTM A193 Gr.B8	4
14	BOLT NUTS	ASTM A194 Gr.8	4
15	BOLT WASHERS	SS304	4
16	HANDLE SLEEVE	VINYL GRIP	1
17	LOCKING PLATE	SS304	1



PRESSURE TEMPERATURE RATINGS



DIMENSIONS

SIZE	A	B	C	D	E	d	L	L1	D1	H	S	W1	h	Cv	Weight
inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	Factor	Kg	Lb
1/2"	15 0.39	10.0 0.89	22.5 0.98	25 0.85	21.7 0.61	15.5 0.59	15.0 2.21	56.2 2.43	61.6 4.06	103 2.31	58.7 0.22	5.5 1.42	36	M5*P0.8	26 0.44 0.88
3/4"	20 0.51	13.0 1.11	28.3 1.26	32 1.07	27.1 0.59	15.0 0.79	20.0 2.73	69.4 2.91	73.8 5.00	127 2.56	64.9 0.24	6.2 1.42	36	M5*P0.8	55 0.63 1.39
1"	25 0.51	13.0 1.38	35.0 1.50	38 1.33	33.8 0.81	20.5 1.00	24.5 3.13	79.6 3.13	79.6 5.00	127 2.82	71.7 0.24	6.2 1.42	36	M5*P0.8	110 0.90 1.98
1-1/4"	32 0.51	13.0 1.74	44.1 1.85	47 1.68	42.6 0.79	20.0 1.26	32.0 3.50	88.8 3.57	90.8 6.02	153 2.90	73.7 0.37	9.4 1.97	50	M6*P1.0	180 1.40 3.08
1-1/2"	40 0.51	13.0 1.97	50.0 2.09	53 1.92	48.7 1.02	26.0 1.57	40.0 4.00	101.6 4.00	101.6 6.02	153 3.47	88.2 0.37	9.4 1.97	50	M6*P1.0	270 2.04 4.49
2"	50 0.63	16.0 2.38	60.5 2.56	65 2.41	61.1 1.02	26.0 2.00	50.8 4.66	118.4 4.66	118.4 7.60	193 3.82	97.1 0.37	9.4 1.97	50	M6*P1.0	500 3.37 7.42