Two-Way Encapsulated (Cavity Filled) Clamp End Ball Valve

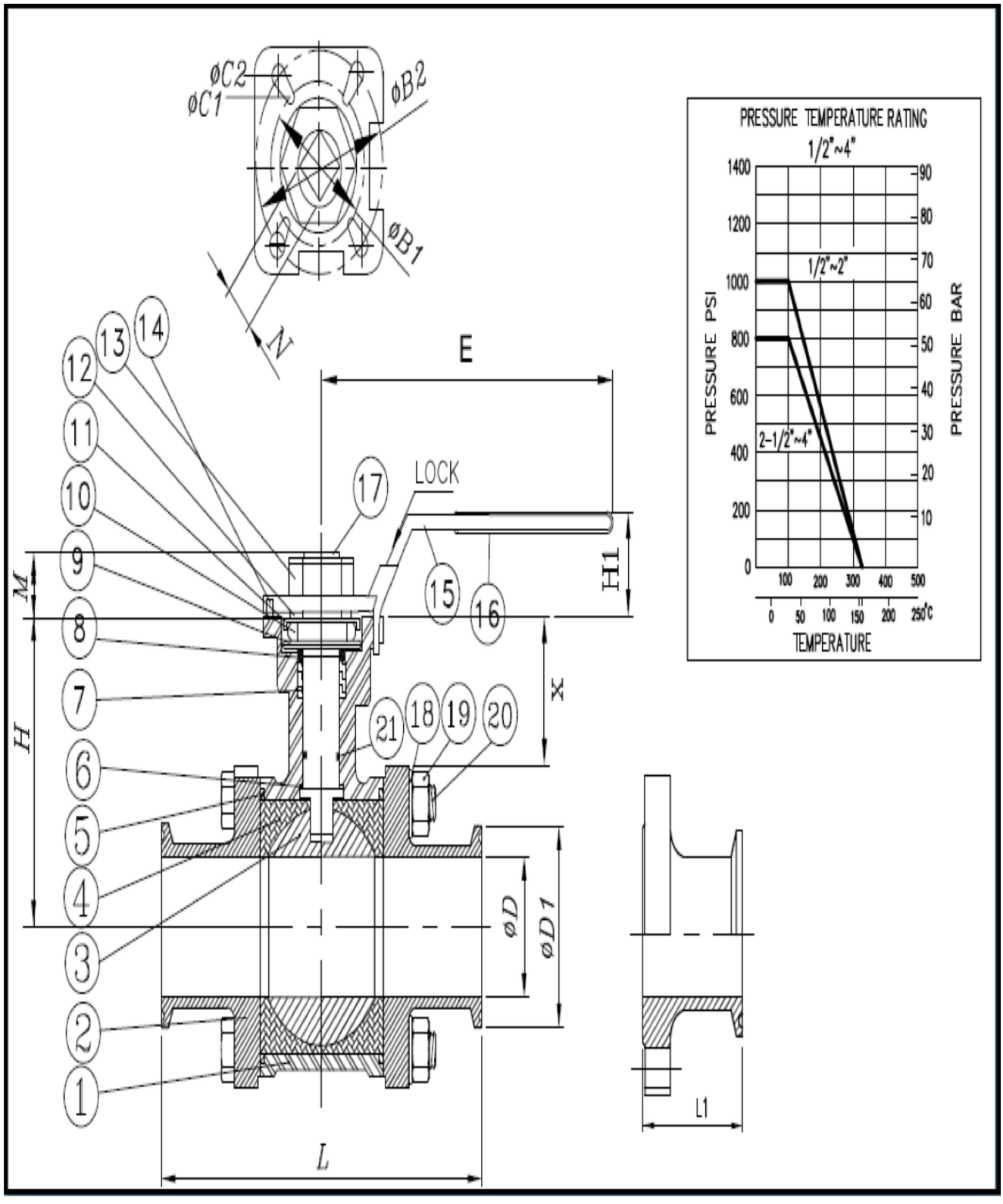
Two Way Ball Valve Features:

Sizes: ½” – 6”
ISO 5211 Mount Pad
Padlocking Device
Adjustable Stem Packing
Blow-out Proof Stem Design
Cavity Filled Seat
Hydrostatic Test Pressure:
½”—2”—1500 psi.
21/2”—4” --- 1200 psi.
Heat Number on Valve with MTR’s.
Three Piece design for Field Service

Repair Kits Consists of:

P/N: SSEBVC-RK-Size
(2) Valve Seals
(1) Thrust Washer
(3) Stem Packings

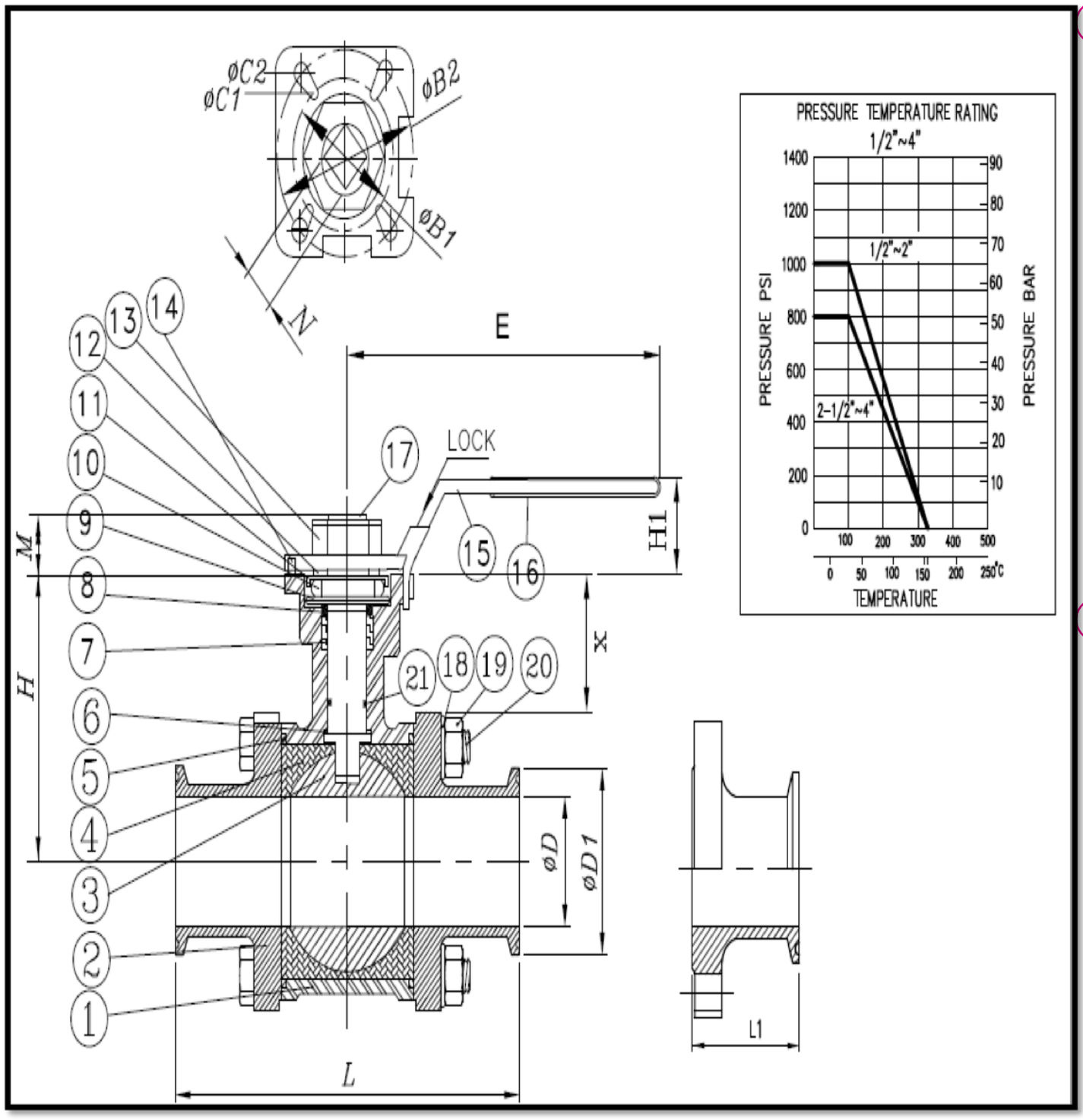
Two-Way Encapsulated Clamp End Ball Valve Materials



Two-Way Encapsulated Clamp End Ball Valve Materials

ITEM	PARTS	MATERIAL	MATERIAL	QTY
1	BODY	ASTM-A351-CF8M	ASTM-A351-CF3M	1
2	CAP(CLAMP)	ASTM-A351-CF8M	ASTM-A351-CF3M	2
3	BALL	ASTM-A351-CF8M	ASTM-A351-CF3M	1
4	SEAT	PTFE(TF-1641) TFM 1600		2
5	GASKET	PTFE	PTFE	2
6	THRUST WASHER	PTFE	PTFE	1
7	STEM PACKING	PTFE	PTFE	1
8	RING A	AISI-304	AISI-304	2
9	BELLEVILLE WASHER	AISI-304	AISI-304	2
10	STEM NUT	AISI-304	AISI-304	1
11	LOCK WASHER	AISI-304	AISI-304	1
12	RING B	AISI-304	AISI-304	1
13	HANDLE NUT	AISI-304	AISI-304	1
14	STOP PIN	AISI-304	AISI-304	1
15	HANDLE	AISI-304	AISI-304	1
16	PLASTIC COVER	PLASTIC	PLASTIC	1
17	STEM	AISI-316	AISI-316	1
18	BODY WASHER	AISI-304	AISI-304	4,8,12
19	BODY NUT	AISI-304	AISI-304	4,8,12
20	BOLT	AISI-304	AISI-304	4,6
21	0-RING	NBR	VITON	1

Two-Way Encapsulated Clamp End Ball Valve Dimensions



Two-Way Encapsulated Clamp End Ball Valve Dimensions

Size	ISO-5211	¢D	L	¢D1	E	L1	Stem Width	TORQUE IN LBS	Weight
1/2"	F03-F04	0.374	3.504	1.00	5.629	1.287	0.355	90	1.565
3 4"	F03-F04	0.625	3.976	1.00	5.629	1.437	0.355	100	1.984
1"	F04-F05	0.874	4.488	1.98	6.299	1.575	0.425	140	2.844
1-1/2"	F05-F07	1.377	5.512	1.98	7.362	1.713	0.550	240	6.063
2"	F05-F07	1.874	6.142	2.51	7.362	1.799	0.550	480	8.686
2-1/2"	F07-F10	2.205	6.600	3.05	12.20	2.205	0.550	650	18.47
3"	F07-F10	2.874	7.600	3.58	12.20	2.539	0.660	1150	25.26
4"	F10-F12	3.834	9.488	4.68	15.75	2.386	0.660	1400	47.62
6”	F10-F12	5.782	15.50	6.57	19.68	3.750		2100	93.00

Note: Sanitary Solutions Two Way Ball Valve Part Number Example:

SSEBVC-SIZE-316L