

# SUN®

## 3 WAY REDUCED PORT 1000 PSI BALL VALVE, THREADED NPT "L" PORT, "T" PORT



### DESIGN FEATURES:

- STEAM RATING: 150 PSI WSP
- BLOW-OUT-PROOF STEM DESIGN
- ISO 5211 ACTUATOR MOUNTING PAD
- BODY: ASTM A351 Gr. CF8M / CF8
- BALL: SS316 / SS304
- STEM: SS316 / SS304
- SEAT: REINFORCED TEFLON / POLYFILL
- END CONNECTIONS: THREADED END
- WORKING PRESSURE: 1000 PSI
- TEMPERATURE RANGE: -50° TO 450° F
- TEST STANDARD: API 598
- OPTIONS: PADLOCKING DEVICE
- THREADED TYPE: ANSI B1.20.1 (NPT)

### MATERIAL LIST

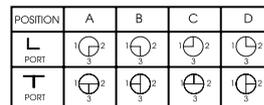
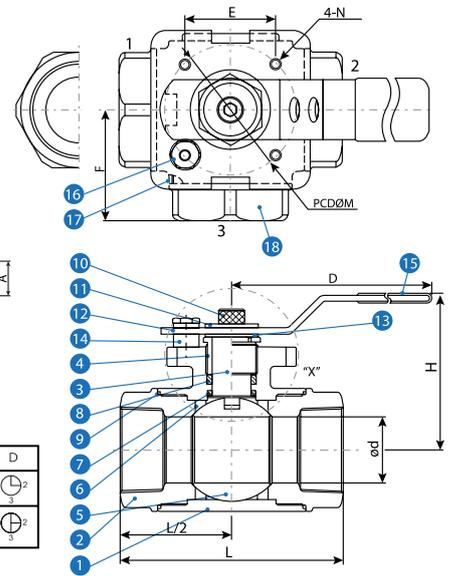
	PART NAME	MATERIAL	QTY.
1	BODY	ASTM A351 Gr. CF8M / CF8	1
2	CAP 2	ASTM A351 Gr. CF8M / CF8	2
3	STEM	ASTM A276 Gr. 316	1
4	GLAND NUT	SS304	1
5	BALL	ASTM A351 Gr. CF8M / CF8	1
6	SEAT	RPTFE / POLYFILL	4
7	THRUST WASHER	PTFE	1
8	PACKING	PTFE	1
9	JOINT GASKET	PTFE	2
10	STEM BOLT	SS304	1
11	WASHER	SS304	1
12	HANDLE	SS304	1
13	STEM WASHER	SS304	1
14	SET SCREW	SS304	1
15	HANDLE SLEEVE	VINYL GRIP	1
16	SET BOLT	SS304	1
17	JOINT GASKET	PTFE	1
18	CAP 1	ASTM A351 Gr. CF8M / CF8	1

OPTIONS BODY: CF8 (304) AND CF8M (316)

### DIMENSIONS

SIZE		A		B		C		G		d		L		H		D		E		F		M		N	Cv Factor	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			Kg	Lb
1/4"	8	0.42	10.7	0.22	5.7	0.47	12.0	0.35	9.0	0.43	11.0	2.73	69.4	2.46	62.5	5.25	133.4	1.18	30.0	1.40	35.5	1.65	42	M5XP0.8	6	0.82	1.81
3/8"	10	0.42	10.7	0.22	5.7	0.47	12.0	0.35	9.0	0.43	11.0	2.73	69.4	2.46	62.5	5.25	133.4	1.18	30.0	1.40	35.5	1.65	42	M5XP0.8	6	0.78	1.72
1/2"	15	0.42	10.7	0.22	5.7	0.47	12.0	0.35	9.0	0.50	12.7	2.98	75.7	2.59	65.9	5.25	133.4	1.38	35.0	1.57	40.0	1.65	42	M5XP0.8	12	0.74	1.63
3/4"	20	0.43	10.9	0.15	3.9	0.59	15.0	0.43	11.0	0.63	16.0	3.40	86.6	3.34	84.9	7.03	178.5	1.38	35.0	1.65	42.0	1.97	50	M5XP1.0	16	1.18	2.60
1"	25	0.79	20.0	0.33	8.5	0.59	15.0	0.43	11.0	0.79	20.0	4.03	102.4	3.49	88.7	7.03	178.5	1.38	35.0	1.73	44.0	1.97	50	M5XP1.0	20	1.70	3.74
1 1/4"	32	0.92	23.4	0.31	7.9	0.59	15.0	0.43	11.0	0.98	25.0	4.65	118.2	3.30	83.9	8.26	209.9	1.38	35.0	1.81	46.0	1.97	50	M5XP1.0	37	2.82	6.21
1 1/2"	40	1.01	25.8	0.41	10.3	0.59	15.0	0.43	11.0	1.26	32.0	4.95	125.8	4.07	103.3	8.19	208.0	1.95	49.5	2.24	57.0	2.76	70	M5XP1.25	103	3.96	8.72
2"	50	1.00	25.3	0.39	9.8	0.73	18.5	0.55	14.0	1.50	38.1	5.87	149.0	4.39	111.5	9.05	229.9	1.97	50.0	2.52	64.0	2.76	70	M5XP1.25	143	6.78	14.93

\*Note: Dimensions, design and materials are subject to change without notice.



### PRESSURE TEMPERATURE RATINGS

