



MATERIALS LIST

No.	DESCRIPTION	SPECIFICATION
1.	BODY	ASTM A-351 GRADE CF8M
2.	END CAP	ASTM A-351 GRADE CF8M
3.	BALL	SS316
4.	SEAT RING	25%CB
5.	BODY SEAL	PTFE
6.	THRUST WASHER	PTFE
7.	STEM SEAL	PTFE
8.	STEM	SS316
9.	GLAND NUT	SS304
10.	HANDLE WASHER	SS304
11.	HANDLE NUT	SS304
12.	LOCKING PAD	SS304
13.	HANDLE	SS304
14.	HANDLE COVER	PLASTIC

DIMENSIONS (INCH) (LB) (IN-LB)

SIZE	PORT	L	H	W	WEIGHT	TORQUE
1/4"	0.441	2.165	2.52	3.74	0.73	80
3/8"	0.492	2.165	2.52	3.74	0.71	80
1/2"	0.63	2.559	2.52	4.921	1.08	100
3/4"	0.787	3.031	2.638	4.921	1.41	120
1"	0.984	3.465	3.268	5.512	2.36	140
1-1/4"	1.26	4.016	3.504	5.512	3.48	160
1-1/2"	1.496	4.331	3.927	7.874	5.29	210
2"	2	4.961	4.252	7.874	8.2	250

MOUNTING PAD (OPTION)

SIZE	M1	M2	M
1/4" TO 1/2"	0.5	1.122	10-24 UNC
3/4" TO 1"	0.882	1.378	10-24 UNC
1-1/4" TO 2"	1	1.5	1/4"-20 UNC

TOLERANCE						DRAWING NO.		DESCRIPTION	
0.5~6	6~30	30~120	120~315	315~1000	1000~				
±0.1	±0.2	±0.3	±0.5	±0.8	±1.2			BV-002-2M	
APPROVED BY						DRAWN BY			JFW INDUSTRIES INC
						SAMMI			
REVISION						DATE		SCALE:FREE	
APPROVED						DATE			

REVISION	DATE	APPROVED	REVISION	DATE	APPROVED