



**PARTS LIST**

ITEM	DESCRIPTION	MATERIAL
1	Body	Carbon Steel (ASTM A 216 Gr. WCB)
2	Tailpiece (2)	Carbon Steel (ASTM A 216 Gr. WCB)
3	Ball	Stainless Steel (ASTM A 276 Gr. 316)
4	Stem	Stainless Steel (ASTM A 276 Gr. 316)
5	Seat (2)†	R-PTFE
6	Thrust Washer	R-PTFE
7	Stem Packing	Graphite
8	Body Seal (2)	Graphite
9	Packing Gland	Stainless Steel (ASTM A 276 Gr. 316)
10	Lock Nut	Stainless Steel (304SS)
11	Handle	Stainless Steel (300 Series SS)
12	Body Bolts (8)	Alloy Steel (ASTM A 193, B7)

†Optional PEEK Seats for High Temp Service are available.

**DRAWING NO.**  
AL 105900

SIZE (in)		DIMENSIONS (in)																		ISO Pattern	WEIGHT (lbs)
Reduced Port	Full Port	A (Socket Weld)		A (Extended SW)		B	C	D	E	F	G	H	J	K	L	M		N			
		Reduced Port	Full Port	Reduced Port	Full Port											Reduced Port	Full Port				
1/2	1/4, 3/8	2.7	2.7	6.0	N/A	2.5	4.3	0.43	1.71	1.08	0.31	0.197	0.31	1.42	1/4"-20 UNC	0.38	N/A	0.855	F03	1.7	
3/4	1/2	3.0	2.8	7.0	7.0	2.6	4.3	0.57	1.83	1.24	0.31	0.197	0.31	1.42	1/4"-20 UNC	0.50	0.38	1.065	F03	2.2	
1	3/4	3.5	3.2	7.5	7.5	3.0	5.7	0.81	2.34	1.50	0.37	0.276	0.44	1.65	1/4"-20 UNC	0.50	0.50	1.330	F04	3.8	
1-1/4	1	3.9	3.8	8.0	8.0	3.4	5.8	1.00	2.69	1.81	0.40	0.315	0.50	1.65	1/4"-20 UNC	0.50	0.50	1.675	F04	5.1	
1-1/2	1-1/4	4.5	4.3	8.0	8.0	3.7	7.5	1.25	2.91	1.95	0.43	0.394	0.62	1.97	1/4"-20 UNC	0.50	0.50	1.915	F05	7.1	
2	1-1/2	5.0	4.8	9.0	9.0	3.9	7.5	1.50	3.15	2.26	0.35	0.394	0.62	1.97	1/4"-20 UNC	0.62	0.50	2.406	F05	9.8	
2-1/2	2	6.9	5.7	N/A	10.0	5.3	11.7	2.00	4.37	3.11	0.49	0.472	0.75	2.76	5/16"-18 UNC	N/A	0.62	2.906	F07	20.8	

BODY PRESSURE & TEMPERATURE RATINGS - NON SHOCK	
<b>MEDIA</b>	<b>¼" to 2½"</b>
W.O.G.	1973 PSI @ 100°F
Saturated Steam (WSP)	250 PSI @ 406°F



3400 CLEVELAND SKOKIE ILLINOIS

**DRAWING NO.**  
AL 105900

**DIMENSIONAL ASSEMBLY**

**PART NO.**

Style BVM3 Socket Weld Ends

SCALE: NTS

3-Piece Maintenance Design Ball Valve

DATE: 02/12/2016

MAT'L: (As Noted Above)

REQ. ---

DR. BY DSF