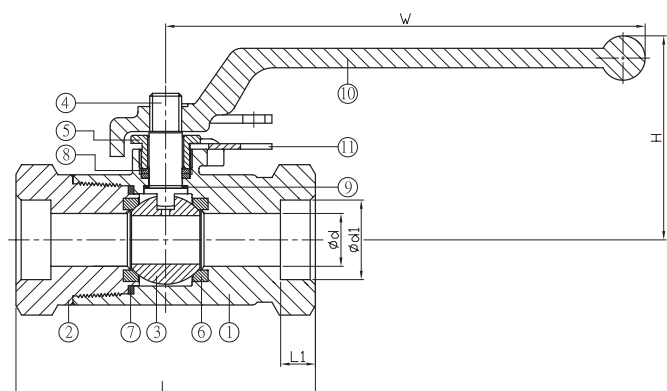
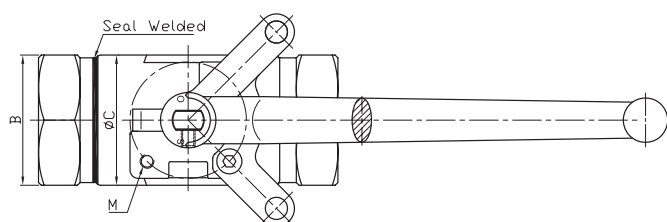




SERIES: B836SM - B836SC (1/4" - 2")

HIGH PRESSURE SOCKET WELD BALL VALVE

Stainless / Carbon Steel

SEAL WELDED • FIRE SAFE

DESIGN FEATURES:

- 1/4"~2" (DN8~DN50)
- **W.P. : 3600 WOG (PN250)**
- W.T. : -20°C~260°C (-4°F~500°F)
- Investment casting
- Blow-out proof stem
- Anti-static device (option)
- Locking device
- **Mounting pad ISO 5211**
- Silicone Free
- **Seal welded ends**
- ASME B16.34 Wall thickness
- **NACE MR0103**
- **API 607 Fire safe approved**
- Socket Weld Ends:
 - » ASME B16.34 / 1.20.1
 - » DIN2999 & BS21
 - » ISO7/1 & EN10226

ITEM	PARTS	MATERIAL	
		B836SMKGNXX	B836SCKGNXX
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	17-4PH	
4	STEM	ASTM A564-630 H900	
5	GLAND NUT	AISI 304	
6	SEAT	PEEK	
7	SEAL	GRAPHITE	
8	PACKING		
9	THRUST WASHER	CTFE	
10	HANDLE	AISI 304	
11	LOCK PAD		

	DN	d	B	C	L	H	W	M	ISO 5211	Torque (N-M)	Weight (kg)
PN 250	8 F	6.4	32	39	76.2	56.6	142.0	M5*P0.80	F03	9.5	0.7
	10 S	6.4	32	39	76.2	56.6	142.0	M5*P0.80	F03	9.5	0.7
	15 F	12.0	32	39	101.6	56.6	142.0	M5*P0.80	F03	9.5	0.8
	20 F	19.0	47	47	108.0	76.1	173.0	M5*P0.80	F04	28.0	1.3
	25 S	19.0	47	47	108.0	76.1	173.0	M5*P0.80	F04	28.0	1.3
	40 F	38.1	77	86	134.0	117.0	247.5	M8*P1.25	F07	53.0	4.9
	50 S	38.1	82	86	158.1	117.0	247.5	M8*P1.25	F07	53.0	5.4

F: Full Port S: Standard Port

unit: mm

	NPS	d	B	C	L	H	W	M	ISO 5211	Torque (in-lb)	Weight (lb)
3600 WOG	1/4" F	0.25	1.26	1.54	3.00	2.23	5.59	M5*P0.80	F03	84.1	1.5
	3/8" S	0.25	1.26	1.54	3.00	2.23	5.59	M5*P0.80	F03	84.1	1.5
	1/2" F	0.50	1.26	1.54	4.00	2.23	5.59	M5*P0.80	F03	84.1	1.7
	3/4" F	0.75	1.85	1.85	4.25	3.00	6.81	M5*P0.80	F04	247.8	2.9
	1" S	0.75	1.85	1.85	4.25	3.00	6.81	M5*P0.80	F04	247.8	2.9
	1-1/2" F	1.50	3.03	3.39	5.28	4.61	9.74	M8*P1.25	F07	469.1	10.8
	2" S	1.50	3.23	3.39	6.22	4.61	9.74	M8*P1.25	F07	469.1	11.8

F: Full Port S: Standard Port

unit: in