

Summary of Products from Milwaukee Valve Company Submitted for CRN in Binder 1 of 2

Table below summarizes Milwaukee Valve Company products being submitted for Canadian Registration Numbers to TSSA. Products are grouped together by valve type.

Hammond Valve is a brand name under the Milwaukee Valve Company corporate umbrella, and we have distinct Hammond Figure numbers for product which is identical to the Milwaukee Valve Company offering. Where Milwaukee Figure numbers are given with corresponding Hammond Figure numbers, the body and other key structural components are identical, the product generally varies only in handle and/or nameplate. Specific product information, e.g. ASTM specifications for material, pressure-temperature ratings, etc., are given in the individual product bulletins/catalog sheets/data sheets presented in the attached binder. To assist in cross referencing the Hammond products, we enclose a Hammond Condensed catalog.

THIS IS PART OF
CRN OC 5213.SR3
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program

BALL VALVES

Valve Figure Number (Milwaukee)	Milwaukee Catalog/Bulletin Number	Valve Figure Number (Hammond)	Valve Type	Certifications/ Approvals	Design Standard
1/4" - 3" BA-100	Data Sheet BV-1	8501	Ball, cast bronze, 600 WOG, standard port, 2 pc, NPT ends.		MSS SP-110
1/4" - 3" BA-475B	Data Sheet BV-21	8901	Ball, cast bronze, 600 WOG, standard port, 2 pc, NPT ends.	UL, FM, AGA, CGA	MSS SP-110
1/4" - 4" BA-200	Data Sheet BV-9	8201	Ball, cast bronze, 400 WOG, standard port, 2 pc, NPT ends.	UL	MSS SP-110
1/4" - 2" 30BB/BS	30BB/BS Series Bal-7	n/a	Ball, cast bronze, 600 WOG, full port, 3 pc, NPT ends.		MSS SP-110
1/4" - 3" BA-300/S	Data Sheet BV-11	8604, 8603	Ball, cast bronze, 600 WOG, full port, 3 pc, NPT ends.		MSS SP-110
1/4" - 2" BA-400/S	Data Sheet BV-16	8301A/8303A	Ball, cast bronze, 400 WOG, full port, 2 pc, NPT ends.		MSS SP-110
1/4" - 2" 20BB/BS	20BB/BS Series Bal-2	8461, 8463	Ball, cast bronze, 600 WOG, standard port, 2 pc, NPT ends.		MSS SP-110
1/4" - 2" 10 Series	Data Sheet in Ball Valve Section	n/a	Ball, one-pc, 2000 WOG, reduced port, NPT ends	API 607	MSS SP-110
1/4" - 2" 20/22 CS/SS Series	20/22 Series Bal-1	8422, 8423, 8433	Ball, 2 pc. 2000/1500 WOG Standard port, NPT ends (22 series is seal welded)	API 607	MSS SP-110
1/4" - 2" 30CS/SS	30CS/SS Series BAL-8	8623, 8633	Ball, 3 pc. 1000 WOG, exposed bolt, full port NPT ends.	API 607	MSS SP-110

35 Series	35CS/SS BAL-11	n/a	Ball, 3 pc. 2000 WOG, enclosed bolt, standard port, NPT ends	API 607	ANSI B16.34 MSS SP-110
F20 Series	F20 Series BAL-10	n/a	Ball, 2 pc., full port, flanged ends, ANSI 150# and 300# class	API 607	ANSI B16.34 API 608 MSS SP-72
F90/91	F90/91 Series BAL-3	n/a	Ball, unibody, standard port, flanged ends, ANSI 150# and 300# class.	API 607	ASME B16.34
41 Series	41 Series BAL-5	n/a	Ball, 2 pc. Seal welded, 2000/1500 WOG standard & full port and SW ends	API 607	ASME B16.34
Burst Test Data	n/a				

THIS IS PART OF
 CORN OC 8213-5R3
 Technical Standards & Safety Authority
 Pressure Vessels
 Safety Program

BUTTERFLY VALVES

Valve Figure Number (Milwaukee)	Milwaukee Catalog/Bulletin Number	Valve Figure Number (Hammond)	Valve Type	Certifications/Approvals	Design Standard
HPBV (High Performance Butterfly Valves)	Data Sheets in Butterfly Valve section	Uses same figure no. as Milwaukee	High pressure butterfly valve with offset seat, stem and disc design. Wafer and lug design, ANSI 150# and 300# class.		MSS SP-68
BB2-100 Butterball	Data Sheet BFV-15	n/a	Butterball, cast bronze, 175 psi, 1 piece, NPT ends.	UL, CSA	WW-V-1967 B31.3 KK
Resilient Seated Butterfly Valves, M, C, H, O, & U Series	ML & MW Series, CL & CW Series, HL & HW Series, O Series, and U Series	5000, 6000	Phenolic-backed Rubber-lined Butterfly Valve, one-pc body, 2 pc. Stem, lug & wafer, various ratings from vacuum to 250 psig	ABS (American Bureau of Ship Building) type certification	MSS SP-67, API 609

2.5"-24" For #15
2.5"-16" For #30

1/31/13

M: 2"-12"
C: 2"-12"
H: 2"-12"
O: 2"-12"
U: 2"-12"

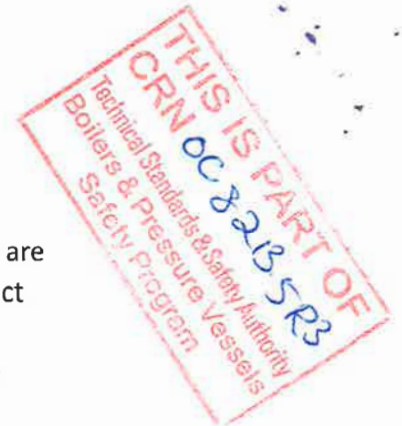
For Pressure rating, see Document 201214.

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BRONZE & IRON

Valve Figure Number (Milwaukee)	Milwaukee Catalog/Bulletin Number	Valve Figure Number (Hammond)	Valve Type	Certifications/Approvals	Design Standard
105	Data Sheet i-1	IB645	Gate, 125 SWP/200 WOG bronze NPT ends		MSS SP-80
148	Data Sheet i-2	IB640	Gate, 125 SWP/200 WOG bronze NPT ends		MSS SP-80
1152	Data Sheet i-3	IB617	Gate, 125 SWP/200 WOG bronze NPT ends		MSS SP-80
1140	Data Sheet i-6	IB646	Gate, 150 SWP/300 WOG bronze NPT ends		MSS SP-80
1141	Data Sheet i-7	IB638	Gate, 150 SWP/300 WOG bronze NPT ends		MSS SP-80
1150	Data Sheet i-8	IB641	Gate, 150 SWP/300 WOG bronze NPT ends		MSS SP-80
1151	Data Sheet i-9	IB629	Gate, 150 SWP/300 WOG bronze NPT ends		MSS SP-80
P900	Data Sheet i-12	n/a	Gate, quick opening, 150 SWP/300 WOG NPT ends		Based on MSS SP-80
P901	Data Sheet i-13	IB610	Gate, quick opening, 150 SWP/300 WOG NPT ends		Based on MSS SP-80
P902	Data Sheet i-14	n/a	Gate, quick opening, 150 WOG		Based on MSS SP-80
502	Data Sheet i-22	IB440	Globe, 125 SWP/200 WOG bronze, NPT ends		MSS SP-80
504	Data Sheet i-32	IB463	Angle, 125 SWP/200 WOG bronze, NPT ends		MSS SP-80
590T	Data Sheet i-24	IB413T	Globe, 150 SWP/300 WOG bronze NPT ends		MSS SP-80
591A	Data Sheet i-25	IB434	Globe, 150 SWP/300 WOG bronze NPT ends		MSS SP-80
595T	Data Sheet i-33	IB454T	Angle, 150 SWP/300 WOG bronze NPT ends		MSS SP-80
509/509T	Data Sheet i-35	IB904/IB940	Swing Check, 125 SWP/200 WOG, bronze, NPT ends		MSS SP-80
510T	Data Sheet i-40	IB946	Swing Check, 150 SWP/300 WOG, bronze, NPT ends		MSS SP-80
515	Data Sheet i-42	n/a	Swing Check, 150 SWP/300 WOG, bronze, NPT ends		MSS SP-80
1153	Data Sheet i-15	n/a	Gate, 200 SWP/400 WOG bronze NPT ends		MSS SP-80

Handwritten notes on the left margin of the table, listing valve sizes in inches: 1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4", 4 1/2", 5", 6", 8", 10", 12", 15", 20", 24", 30", 36", 48", 60", 72", 96", 120".

1156	Data Sheet i-16	n/a	Gate, 200 SWP/400 WOG bronze NPT ends	MSS SP-80
1174	Data Sheet i-17	IB651	Gate, 200 SWP/400 WOG bronze NPT ends	MSS SP-80
1176	Data Sheet i-18	n/a	Gate, 200 SWP/400 WOG bronze NPT ends	MSS SP-80
1182	Data Sheet i-19	IB652	Gate, 300 SWP/1000 WOG bronze NPT ends	MSS SP-80
1184	Data Sheet i-20	IB654	Gate, 300 SWP/1000 WOG bronze NPT ends	MSS SP-80
1186	Data Sheet i-21	IB656	Gate, 300 SWP/1000 WOG bronze NPT ends	MSS SP-80
570	Data Sheet i-27	IB413T	Globe, 200 SWP/400 WOG bronze NPT ends	MSS SP-80
592A	Data Sheet i-28	IB434	Globe, 200 SWP/400 WOG bronze NPT ends	MSS SP-80
600	Data Sheet i-29	IB415	Globe, 200 SWP/400 WOG bronze NPT ends	MSS SP-80
572	Data Sheet i-30	IB412	Globe, 300 SWP/600 WOG bronze NPT ends	MSS SP-80
582	Data Sheet i-34	n/a	Angle, 300 SWP/600 WOG bronze NPT ends	MSS SP-80
593A	Data Sheet i-31	IB444	Globe, 300 SWP/1000 WOG bronze NPT ends	MSS SP-80
507	Data Sheet i-46	IB949	Swing Check, 300 SWP/600 WOG, bronze, NPT ends	MSS SP-80
508	Data Sheet i-45	IB944	Swing Check, 200 SWP/400 WOG, bronze, NPT ends	MSS SP-80
2882	2882A (i-47) 2882-M (i-48 & i-49) 2882-M26 (i-49 & i-50)	IR1138HI & IR1138	Gate valve, flanged ends, 125 SWP/200 WOG, iron, non-rising stem	MSS SP-70
F-2885	F-2885A (i-51), F-2885-M (i-53)	IR1140 IR1140HI	Gate valve, flanged ends, 125 SWP/200 WOG, iron, rising stem	MSS SP-70
F-2981	F-2981A (i-57) F-2981-M (i-58)	IR116 IR116HI	Globe, 125 SWP/200 WOG, iron, flanged ends	MSS SP-85
F-2894	F-2894A (i-55), F-2894-M (i-58)	IR330 IR330HI	Gate, 250 SWP/500 WOG iron, flanged ends	MSS SP-70
F-2974	F-2974A (i-60), F-2974-M (i-62) F-2974-M26 (i-62) F-2974-M13 (i-67)	IR1124HI IR1124 IR1937 HI IR1126	Swing Check, 125 SWP/200 WOG iron, flanged ends	MSS SP-71
Burst Test	see tab in 3-ring binder	n/a	n/a	

THIS IS PART OF
ASME B31.5 RB
Pressure Vessels
Program

1/4" - 2"
1/4" - 3"
1/4" - 2"
1/4" - 2"
1/4" - 3"
1/4" - 2"
1/8" - 3"
1/4" - 2"
1/4" - 3/4"
1/4" - 2"
1/4" - 2"
1/4" - 2"
1/4" - 3"
1/4" - 3"
2" - 12"
2" - 12"
2" - 10"
2" - 12"
2" - 12"