



Gate valves are bi-directional valves ideally suited for on-off duties. OMB produces various types both with parallel face gates or with wedge gates. These valves have a very low resistance to flow, which in the case of parallel gate valves approaches that of a straight pipe. They are used for duties with high pressure fluids due to the fact that upstream pressure helps the sealing between gate and seat.

OMB takes great care to study finish of seating surfaces to guarantee their minimum wear under high pressures. Gate valves are supplied in various models to cover the most different and delicate services. The main characteristics of each type are described on pages 16 to 23.

Figure # is identified in each table as:

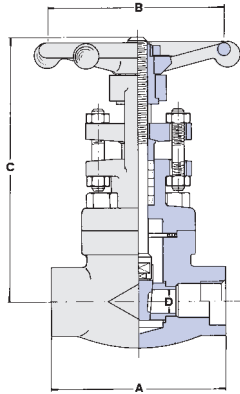
STANDARD PORT	810	-
FULL PORT	610	1/4
		mm

CLASS	CONNECTION	PORT	STANDARD	SCREW & YOKE	ENDS	SERVICE	PAGE	OMB FIG.
800	Bolted bonnet	Regular	ISO15761	Outside	Threaded and Socket Weld Ends	-	17	810
800	Bolted bonnet	Full	ISO15761	Outside	Threaded and Socket Weld Ends	-	17	610
800	Welded Bonnet	Regular	ISO15761	Outside	Threaded and Socket Weld Ends	-	17	L810
800	Welded Bonnet	Full	ISO15761	Outside	Threaded and Socket Weld Ends	-	17	L610
800	Bolted bonnet	Regular	ISO15761	Inside	Threaded and Socket Weld Ends	-	17	800
800	Bolted bonnet	Full	ISO15761	Inside	Threaded and Socket Weld Ends	-	17	600
800	Welded Bonnet	Regular	ISO15761	Inside	Threaded and Socket Weld Ends	-	17	L800
800	Welded Bonnet	Full	ISO15761	Inside	Threaded and Socket Weld Ends	-	17	L600
1500	Bolted bonnet	Regular	ISO15761	Outside	Threaded and Socket Weld Ends	-	18	R910
1500	Bolted bonnet	Full	ISO15761	Outside	Threaded and Socket Weld Ends	-	18	910
1500	Welded Bonnet	Regular	ISO15761	Outside	Threaded and Socket Weld Ends	-	18	LR910
1500	Welded Bonnet	Full	ISO15761	Outside	Threaded and Socket Weld Ends	-	18	L910
1500	Ring Joint BB	Full	ISO15761	Outside	Threaded and Socket Weld Ends	-	18	R910
1500	Ring Joint BB	Full	ISO15761	Outside	Butt Weld B16.10	-	18	BW9-RJ910
2500	Ring Joint BB	Full	ANSI B16.34	Outside	Threaded and Socket Weld Ends	-	19	RJ2510
2500	Ring Joint BB	Full	ANSI B16.34	Outside	Butt Weld and Clamp Ends	-	19	BW25-RJ2510
2500	Welded Bonnet	Full	ANSI B16.34	Outside	Threaded and Socket Weld Ends	-	19	L2510
2500	Welded Bonnet	Full	ANSI B16.34	Outside	Butt Weld and Clamp Ends	-	19	BW25-L2510
800	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - Male Threaded	-	20	MLA-810
800	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - Male Socket	-	20	MLB-810
800	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - BW	-	20	MLC-810
800	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - Male Threaded	-	20	MA-810
800	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - Male Socket	-	20	MB-810
800	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - BW	-	20	MC-810
800	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - Reinforced - BW	-	20	MLW-810
800	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - Reinforced - Male SW	-	20	MLD-810
800	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - Reinforced - BW	-	20	MW-810
800	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - Reinforced - Male SW	-	20	MD-810
1500	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - Male Threaded	-	20	MLA-R910
1500	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - Male Socket	-	20	MLB-R910
1500	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - BW	-	20	MLC-R910
1500	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - Male Threaded	-	20	MA-R910
1500	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - Male Socket	-	20	MB-R910
1500	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - BW	-	20	MC-R910
1500	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - Reinforced - BW	-	20	MLW-R910
1500	Welded Bonnet	Regular	ISO15761	Outside	Extended Body - Reinforced - Male SW	-	20	MLD-R910
1500	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - Reinforced - BW	-	20	MW-R910
1500	Bolted bonnet	Regular	ISO15761	Outside	Extended Body - Reinforced - Male SW	-	20	MD-R910
150	Bolted bonnet	Regular	ISO15761	Outside	Integral Flanged to ASME B16.5	-	21	F1-810
300	Bolted bonnet	Regular	ISO15761	Outside	Integral Flanged to ASME B16.5	-	21	F3-810
600	Bolted bonnet	Regular	ISO15761	Outside	Integral Flanged to ASME B16.5	-	21	F6-810
150	Bolted bonnet	Full	ISO15761	Outside	Integral Flanged to ASME B16.5	-	21	F1-610
300	Bolted bonnet	Full	ISO15761	Outside	Integral Flanged to ASME B16.5	-	21	F3-610
600	Bolted bonnet	Full	ISO15761	Outside	Integral Flanged to ASME B16.5	-	21	F6-610
1500	Ring Joint BB	Full	ISO15761	Outside	Integral Flanged to ASME B16.5	-	21	F9-RJ910
2500	Ring Joint BB	Full	ISO15761	Outside	Integral Flanged to ASME B16.5	-	21	F25-RJ2510
800	Bolted bonnet	Regular	ISO15761	Outside	Threaded and Socket Weld Ends	Sour Service	22	SS810
800	Welded Bonnet	Regular	ISO15761	Outside	Threaded and Socket Weld Ends	Alkilation	22	AS-L810
800	Welded Bonnet	Regular	ISO15761	Outside	Threaded and Socket Weld Ends	Vacuum	22	VS-L810
800	Bolted bonnet	Regular	ISO15761	Outside	Threaded and Socket Weld Ends	Chlorine	22	CS-810

Note Bellows Seal Valves please see C-B5 Bellows Seal Valve Catalog
 Cryogenic Service please see C-CR2 Cryogenic Service Valve Catalog
 Pressure Seal Valves please see C-PS Pressure Seal Valve Catalog
 Upstream Valves please see C-UPV1 Pressure Upstream Valves Catalog

JIS Valve Standards please see JIS Section on this catalog
 DIN Valve Standards please see DIN Section on this catalog



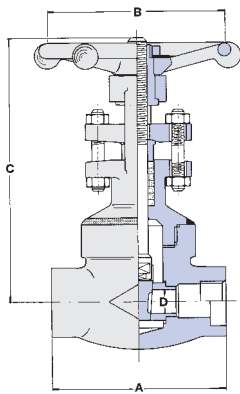


RATINGS: Carbon Steel - 1975 p.s.i. @ 100°F

CLASS 800

BOLTED BONNET - STANDART PORT TO API602/ISO 15761 - FULL PORT TO BS 5352
Outside Screw & Yoke - Threaded and Socket Weld Ends

STANDARD PORT	810	-	1/2	3/4	1	1.1/4	1.1/2	2	-						
FULL PORT	610	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2						
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
End to End	A	80	3.14	80	3.14	90	3.54	110	4.33	127	5.00	127	5.00	150	5.90
Handwheel	B	80	3.14	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11
Center to Top Open	C	148	5.86	148	5.86	163	6.41	178	7.00	210	8.26	243	9.56	262	10.3
Dia. of Port	D	8	0.31	9.6	0.38	14	0.55	18	0.70	24	0.94	30	1.18	37	1.45
Approx. Weight	Kg / Lb	1.6	3.5	1.6	3.5	2.2	4.8	3.5	7.7	5	11	6.5	14.3	9	19.8

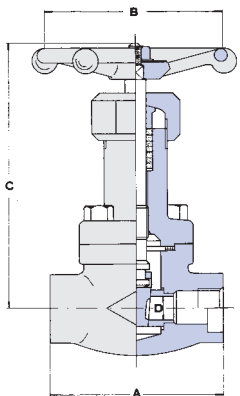


RATINGS: Carbon Steel - 1975 p.s.i. @ 100°F

CLASS 800

BOLTED BONNET - STANDART PORT TO API602/ISO 15761 - FULL PORT TO BS 5352
Outside Screw & Yoke - Threaded and Socket Weld Ends

STANDARD PORT	L810	-	1/2	3/4	1	1.1/4	1.1/2	2	-						
FULL PORT	L610	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2						
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
End to End	A	80	3.14	80	3.14	90	3.54	110	4.33	127	5.00	127	5.00	150	5.90
Handwheel	B	80	3.14	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11
Center to Top Open	C	148	5.86	148	5.86	163	6.41	178	7.00	210	8.26	243	9.56	262	10.3
Dia. of Port	D	8	0.31	9.6	0.38	14	0.55	18	0.70	24	0.94	30	1.18	37	1.45
Approx. Weight	Kg / Lb	1.6	3.5	1.6	3.5	2.2	4.8	3.5	7.7	5	11	6.3	13.8	8	17.6

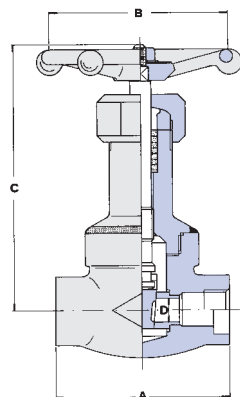


RATINGS: Carbon Steel - 1975 p.s.i. @ 100°F

CLASS 800

BOLTED BONNET - STANDART PORT TO API602/ISO 15761 - FULL PORT TO BS 5352
Inside Screw & Yoke - Threaded and Socket Weld Ends

STANDARD PORT	800	-	1/2	3/4	1	1.1/4	1.1/2	2	-						
FULL PORT	600	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2						
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
End to End	A	80	3.14	80	3.14	90	3.54	110	4.33	127	5.00	127	5.00	150	5.90
Handwheel	B	80	3.14	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11
Center to Top Open	C	148	5.86	148	5.86	175	6.88	212	8.34	235	9.25	287	11.3	327	12.9
Dia. of Port	D	8	0.31	9.6	0.38	14	0.55	18	0.70	24	0.94	30	1.18	37	1.45
Approx. Weight	Kg / Lb	1.5	3.3	1.5	3.3	2	4.4	3	6.6	5.1	11.2	6.7	14.7	9.5	20.9



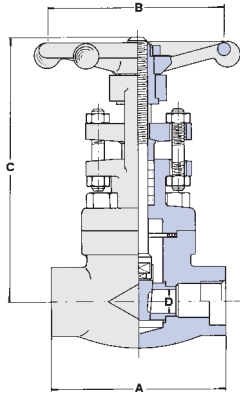
RATINGS: Carbon Steel - 1975 p.s.i. @ 100°F

CLASS 800

BOLTED BONNET - STANDART PORT TO API602/ISO 15761 - FULL PORT TO BS 5352
Inside Screw & Yoke - Threaded and Socket Weld Ends

STANDARD PORT	L800	-	1/2	3/4	1	1.1/4	1.1/2	2	-						
FULL PORT	L600	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2						
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
End to End	A	80	3.14	80	3.14	90	3.54	110	4.33	127	5.00	127	5.00	150	5.90
Handwheel	B	80	3.14	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11
Center to Top Open	C	148	5.86	148	5.86	175	6.88	212	8.34	235	9.25	287	11.3	327	12.9
Dia. of Port	D	8	0.31	9.6	0.38	14	0.55	18	0.70	24	0.94	30	1.18	37	1.45
Approx. Weight	Kg / Lb	1.5	3.3	1.5	3.3	2	4.4	3	6.6	5.1	11.2	6.5	14.3	9	19.8



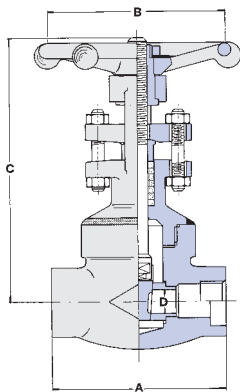


RATINGS: Carbon Steel - 3705 p.s.i. @ 100°F

CLASS 1500 BOLTED BONNET - STANDART PORT TO API602/ISO 15761 - FULL PORT TO BS 5352

Outside Screw & Yoke - Threaded and Socket Weld Ends

STANDARD PORT	R910	-		1/2		3/4		1		1.1/4		1.1/2		2		-	
	910	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2	
FULL PORT		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to End	A	90	3.54	90	3.54	110	4.33	127	5.00	127	5.00	127	5.00	150	5.90	150	5.90
Handwheel	B	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11	180	7.08	180	7.08
Center to Top Open	C	145	5.70	160	6.29	175	6.89	210	8.26	240	9.45	260	10.2	355	13.9	360	14.1
Dia. of Port	D	8	0.31	9.6	0.38	14	0.55	18	0.70	24	0.94	30	1.18	37	1.45	40	1.57
Approx. Weight	Kg / Lb	2.2	4.8	2.2	4.8	3.8	8.3	5.5	12.1	6.8	14.9	9.5	20.9	22.5	49.5	22	48.4

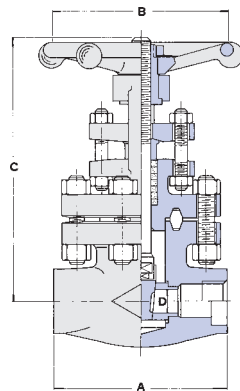


RATINGS: Carbon Steel - 3705 p.s.i. @ 100°F

CLASS 1500 BOLTED BONNET - STANDART PORT TO API602/ISO 15761 - FULL PORT TO BS 5352

Outside Screw & Yoke - Threaded and Socket Weld Ends

STANDARD PORT	LR910	-		1/2		3/4		1		1.1/4		1.1/2		2		-	
	L910	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2	
FULL PORT		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to End	A	90	3.54	90	3.54	110	4.33	127	5.00	127	5.00	127	5.00	150	5.90	150	5.90
Handwheel	B	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11	180	7.08	180	7.08
Center to Top Open	C	145	5.70	160	6.29	175	6.89	210	8.26	240	9.45	260	10.2	355	13.9	360	14.1
Dia. of Port	D	8	0.31	9.6	0.38	14	0.55	18	0.70	24	0.94	30	1.18	37	1.45	40	1.57
Approx. Weight	Kg / Lb	2.2	4.8	2.2	4.8	3.8	8.3	5.5	12.1	6.8	15	9	19.8	18.0	39.6	17.5	38.5



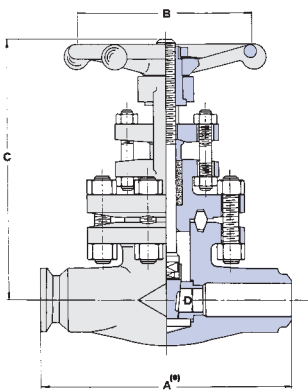
RATINGS: Carbon Steel - 3705 p.s.i. @ 100°F

CLASS 1500 ROUND BOLTED BONNET RJ - FULL PORT TO BS 5352

Outside Screw & Yoke - Threaded and Socket Weld Ends

FULL PORT	RJ910	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to End	A	-	-	-	-	110	4.33	150	5.90	150	5.90	-	-	210	8.26	235	9.25
Handwheel	B	-	-	-	-	110	4.33	130	5.11	130	5.11	-	-	180	7.08	250	9.84
Center to Top Open	C	-	-	-	-	227	8.93	300	11.8	307	12	-	-	400	15.7	448	17.6
Dia. of Port	D	-	-	-	-	14	0.55	18	0.70	24	0.94	-	-	37	1.45	48	1.89
Approx. Weight	Kg / Lb	-	-	-	-	5	11.0	10	22.0	11.5	25.3	-	-	22	48.4	37	81.5

Ring-Joint gasket according to ASME B16.20 - API 6A. - Spiral wound gasket joint available on request.



RATINGS: Carbon Steel - 3705 p.s.i. @ 100°F

CLASS 1500 ROUND BOLTED BONNET RJ - FULL PORT TO BS 5352

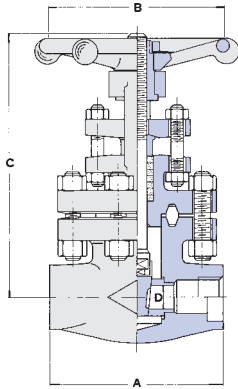
Outside Screw & Yoke - Butt Weld and Clamp Ends

FULL PORT	BW9-RJ910	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to End	A	-	-	-	-	216	8.50	229	9.01	254	10.0	-	-	305	12.0	368	14.5
Handwheel	B	-	-	-	-	110	4.33	130	5.11	130	5.11	-	-	180	7.08	300	11.8
Center to Top Open	C	-	-	-	-	260	10.2	300	11.8	300	11.8	-	-	390	15.3	420	16.5
Dia. of Port	D	-	-	-	-	14	0.55	18	0.70	24	0.94	-	-	37	1.45	48	1.89
Approx. Weight	Kg / Lb	-	-	-	-	9	19.8	12	26.4	13	28.6	-	-	26	57.2	44	96.9

Port dimensions can change depending on schedule.

Ring-Joint gasket according to ASME B16.20 - API 6A.

(* End to end dimension according to ANSI B16.10.



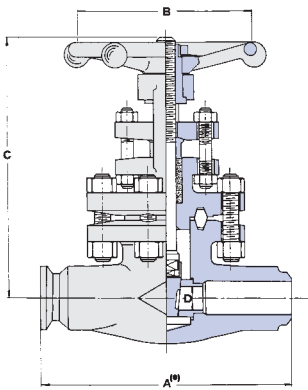
RATINGS: Carbon Steel - 6170 p.s.i. @ 100°F

CLASS 2500 ROUND BOLTED BONNET RJ - FULL PORT - ASME B16.34

Outside Screw & Yoke - Threaded and Socket Weld Ends

FULL PORT	RJ2510	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to End	A	-	-	-	-	150	5.90	150	5.90	210	8.26	-	-	235	9.25	235	9.25
Handwheel	B	-	-	-	-	130	5.11	130	5.11	250	9.84	-	-	300	11.8	300	11.8
Center to Top Open	C	-	-	-	-	293	11.5	300	11.8	390	15.3	-	-	435	17.1	435	17.1
Dia. of Port	D	-	-	-	-	14	0.55	18	0.70	24	0.94	-	-	37	1.45	37	1.45
Approx. Weight	Kg / Lb	-	-	-	-	10	22.0	10.3	22.7	22.4	49.3	-	-	38	83.7	38	83.7

Ring-Joint gasket according to ASME B16.20 - API 6A.



RATINGS: Carbon Steel - 6170 p.s.i. @ 100°F

CLASS 2500 ROUND BOLTED BONNET RJ - FULL PORT - ASME B16.34

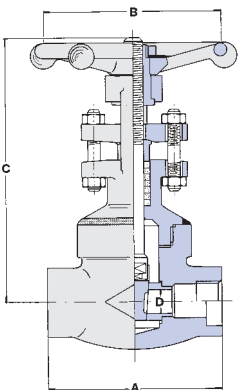
Outside Screw & Yoke - Butt Weld and Clamp Ends

FULL PORT	BW25-RJ2510	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to End	A	-	-	-	-	264	10.4	273	10.7	308	12.1	-	-	384	15.1	451	17.7
Handwheel	B	-	-	-	-	130	5.11	130	5.11	250	9.84	-	-	300	11.8	300	11.8
Center to Top Open	C	-	-	-	-	304	11.9	315	12.4	368	14.5	-	-	445	17.5	538	21.2
Dia. of Port	D	-	-	-	-	14	0.55	18	0.70	24	0.94	-	-	37	1.45	37	1.45
Approx. Weight	Kg / Lb	-	-	-	-	15	33.0	17	37.4	33	72.6	-	-	51	112.3	75	165.1

Port dimensions can change depending on schedule.

Ring-Joint gasket according to ASME B16.20 - API 6A.

(* End to end dimension according to ANSI B16.10.



RATINGS: Carbon Steel - 6170 p.s.i. @ 100°F

CLASS 2500 WELDED BONNET - FULL PORT - ASME B16.34

Outside Screw & Yoke - Threaded and Socket Weld Ends

FULL PORT	L2510	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to End	A	-	-	-	-	127	5.00	127	5.00	127	5.00	-	-	235	9.25	235	9.25
Handwheel	B	-	-	-	-	130	5.11	130	5.11	130	5.11	-	-	300	11.8	300	11.8
Center to Top Open	C	-	-	-	-	214	8.42	239	9.40	253	9.96	-	-	425	16.7	430	16.9
Dia. of Port	D	-	-	-	-	14	0.55	18	0.70	24	0.94	-	-	37	1.45	37	1.45
Approx. Weight	Kg / Lb	-	-	-	-	5.8	12.7	7	15.4	10	22.0	-	-	26	57.3	25.5	56.2

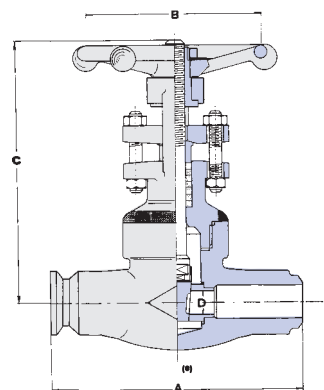
CLASS 2500 WELDED BONNET - FULL PORT - ASME B16.34

Outside Screw & Yoke - Butt Weld and Clamp Ends

FULL PORT	BW25-L2510	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to End	A	-	-	-	-	264	10.4	273	10.7	308	12.1	-	-	384	15.1	451	17.7
Handwheel	B	-	-	-	-	130	5.11	130	5.11	250	9.84	-	-	300	11.8	300	11.8
Center to Top Open	C	-	-	-	-	304	11.9	315	12.4	368	14.5	-	-	445	17.5	538	21.2
Dia. of Port	D	-	-	-	-	14	0.55	18	0.70	24	0.94	-	-	37	1.45	37	1.45
Approx. Weight	Kg / Lb	-	-	-	-	13	28.6	14	30.8	27	59.4	-	-	41	90.3	62	136.5

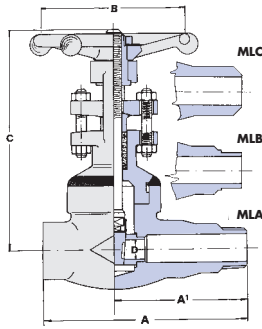
Port dimensions can change depending on schedule.

(* End to end dimension according to ANSI B16.10.



RATINGS: Carbon Steel - 6170 p.s.i. @ 100°F



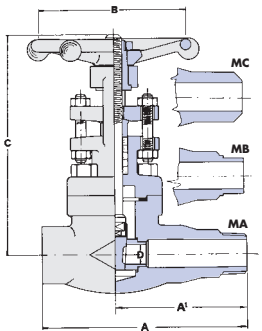


RATINGS: Carbon Steel
Class 800 - 1975 p.s.i. @ 100°F
Class 1500 - 3705 p.s.i. @ 100°F

CLASS 800-1500

TAKE-OFF VALVE - WELDED BONNET - STANDART PORT TO API602/ISO 15761
Outside Screw & Yoke - Threaded, Socket Weld and BW Ends

STANDARD PORT	Class 800	MLA-810	-		1/2		3/4		1		-		1.1/2		2		-		
	Class 1500	MLA-R910	-		-		1/2		3/4		1		-		1.1/2		2		
			mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	
End to End	A	-	-	148	5.82	153	6.02	182	7.16	216	8.50	216	8.50	264	10.4	264	10.4		
Center to Male End	A1	-	-	108	4.25	108	4.25	127	5.00	152	6.00	152	6.00	200	7.87	189	7.44		
Handwheel	B	-	-	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11	180	7.08		
Center to Top Open	C	-	-	148	5.82	163	6.41	178	7.00	210	8.26	243	9.56	262	10.3	355	13.9		
Dia. of Port	Class 800	D	-	-	9.6	0.38	14	0.55	18	0.70	-	-	30	1.18	37	1.45	-	-	
	Class 1500	D	-	-	-	-	9.6	0.38	14	0.55	18	0.70	-	-	30	1.18	37	1.45	
Approx. Weight	Class 800	Kg / Lb	-	-	2.1	4.6	2.8	6.2	4.4	9.7	-	-	8.1	17.8	10.5	23.2	-	-	
	Class 1500	Kg / Lb	-	-	-	-	3.1	6.8	4.8	10.6	7.5	16.5	-	-	11.5	25.3	21.1	46.5	

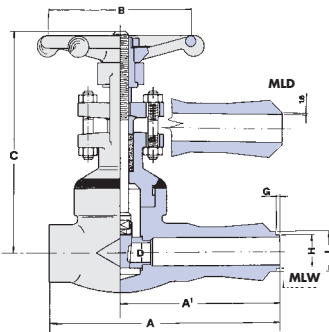


RATINGS: Carbon Steel
Class 800 - 1975 p.s.i. @ 100°F
Class 1500 - 3705 p.s.i. @ 100°F

CLASS 800-1500

TAKE-OFF VALVE - BOLTED BONNET - STANDART PORT TO API602/ISO 15761
Outside Screw & Yoke - Threaded, Socket Weld and BW Ends

STANDARD PORT	Class 800	MA-810	-		1/2		3/4		1		-		1.1/2		2		-		
	Class 1500	MA-R910	-		-		1/2		3/4		1		-		1.1/2		2		
			mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	
End to End	A	-	-	148	5.82	153	6.02	182	7.16	216	8.50	216	8.50	264	10.4	264	10.4		
Center to Male End	A1	-	-	108	4.25	108	4.25	127	5.00	152	6.00	152	6.00	200	7.87	189	7.44		
Handwheel	B	-	-	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11	180	7.08		
Center to Top Open	C	-	-	148	5.82	163	6.41	178	7.00	210	8.26	243	9.56	262	10.3	355	13.9		
Dia. of Port	Class 800	D	-	-	9.6	0.38	14	0.55	18	0.70	-	-	30	1.18	37	1.45	-	-	
	Class 1500	D	-	-	-	-	9.6	0.38	14	0.55	18	0.70	-	-	30	1.18	37	1.45	
Approx. Weight	Class 800	Kg / Lb	-	-	2.1	4.6	2.8	6.2	4.4	9.7	-	-	8.3	18.3	12	26.4	-	-	
	Class 1500	Kg / Lb	-	-	-	-	3.1	6.8	4.8	10.6	7.5	16.5	-	-	12	26.4	22.1	48.7	

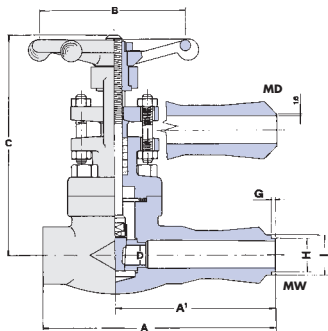


RATINGS: Carbon Steel
Class 800 - 1975 p.s.i. @ 100°F
Class 1500 - 3705 p.s.i. @ 100°F

CLASS 800-1500

REINFORCED EXTENDED BODY - WELDED BONNET - STANDART PORT TO API602/ISO 5761
Outside Screw & Yoke - Threaded and Socket Weld Female End

STANDARD PORT	Class 800	MLW-810	-		1/2		3/4		1		-		1.1/2		2		-		
	Class 1500	MLW-R910	-		-		1/2		3/4		1		-		1.1/2		2		
			mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	
End to End	A	-	-	196	7.71	220	8.66	244	9.60	265	10.4	265	10.4	270	10.6	270	10.6		
Center to Male End	A1	-	-	156	6.14	175	6.88	189	7.44	201	7.91	201	7.91	206	8.11	165	6.50		
Handwheel	B	-	-	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11	180	7.08		
Center to Top Open	C	-	-	148	5.82	163	6.41	178	7.00	210	8.26	243	9.56	262	10.3	355	13.9		
Dia. of Port	Class 800	D	-	-	9.6	0.38	14	0.55	18	0.70	-	-	30	1.18	37	1.45	-	-	
	Class 1500	D	-	-	-	-	9.6	0.38	14	0.55	18	0.70	-	-	30	1.18	37	1.45	
Approx. Weight	Class 800	Kg / Lb	-	-	3	6.6	3.2	7.0	5	11.0	-	-	9.3	20.5	12.5	27.5	-	-	
	Class 1500	Kg / Lb	-	-	-	-	3.5	7.7	5.4	11.9	8.1	17.8	-	-	13	28.6	23.1	50.9	



RATINGS: Carbon Steel
Class 800 - 1975 p.s.i. @ 100°F
Class 1500 - 3705 p.s.i. @ 100°F

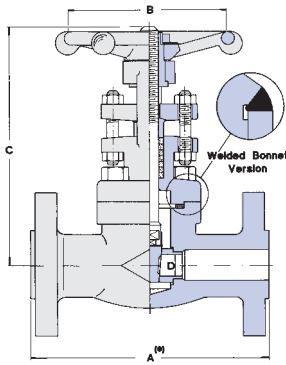
CLASS 800-1500

REINFORCED EXTENDED BODY - BOLTED BONNET - STANDART PORT TO API602/ISO 15761
Outside Screw & Yoke - Threaded and Socket Weld Female End

STANDARD PORT	Class 800	MW-810	-		1/2		3/4		1		-		1.1/2		2		-		
	Class 1500	MW-R910	-		-		1/2		3/4		1		-		1.1/2		2		
			mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	
End to End	A	-	-	196	7.71	220	8.66	244	9.60	265	10.4	265	10.4	270	10.6	270	10.6		
Center to Male End	A1	-	-	156	6.14	175	6.88	189	7.44	201	7.91	201	7.91	206	8.11	165	6.50		
Handwheel	B	-	-	80	3.14	80	3.14	110	4.33	110	4.33	130	5.11	130	5.11	180	7.08		
Center to Top Open	C	-	-	148	5.82	163	6.41	178	7.00	210	8.26	243	9.56	262	10.3	355	13.9		
Dia. of Port	Class 800	D	-	-	9.6	0.38	14	0.55	18	0.70	-	-	30	1.18	37	1.45	-	-	
	Class 1500	D	-	-	-	-	9.6	0.38	14	0.55	18	0.70	-	-	30	1.18	37	1.45	
Approx. Weight	Class 800	Kg / Lb	-	-	3	6.6	3.2	7.0	5	11.0	-	-	9.5	20.9	12.5	27.5	-	-	
	Class 1500	Kg / Lb	-	-	-	-	3.5	7.7	5.4	11.9	8.1	17.8	-	-	13.5	29.7	24.1	53.0	

Reinforced - Lip - Class 800 & 1500	SIZE	-		1/2		3/4		1		-		1.1/2		2		-	
	H	-	-	18	0.70	23	0.91	28	1.10	-	-	44	1.73	50	1.97	-	-
	I	-	-	20.5	0.80	25.5	1.00	30.5	1.20	-	-	47	1.85	53	2.08	-	-
	G	-	-	4	0.15	4.5	0.17	5	0.19	-	-	7	0.25	8	0.31	-	-
Run size	Min.	-		1		1.1/2		2		-		3		4		-	





RATINGS: Carbon Steel
 Class 150 - 285 p.s.i. @ 100°F
 Class 300 - 740 p.s.i. @ 100°F
 Class 600 - 1480 p.s.i. @ 100°F

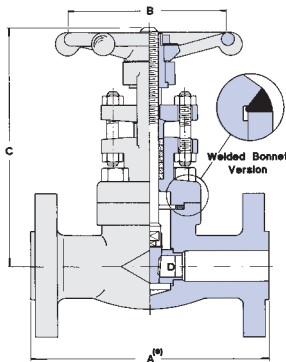
CLASS 150-300-600

BOLTED BONNET - STANDART PORT TO API602/ISO 15761
 Outside Screw & Yoke - Integral Flanged Ends according to ASME B16.5

STANDARD PORT		1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2			
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
Class 150	F1-810	A	-	-	-	-	-	108	4.25	117	4.64	127	5.00	-	-	165	6.49	178	7.00
Class 300	F3-810	A	-	-	-	140	5.51	152	6.02	165	6.49	-	-	190	7.51	216	8.50	-	-
Class 600	F6-810	A	-	-	-	165	6.49	190	7.51	216	8.50	-	-	241	9.48	292	11.5	-	-
Handwheel		B	-	-	-	80	3.14	80	3.14	110	4.33	-	-	130	5.11	130	5.11	-	-
Center to Top Open	Class 150/300	C	-	-	-	170	6.69	195	7.67	203	7.99	-	-	243	9.56	262	10.3	-	-
	Class 600	C	-	-	-	148	5.82	163	6.41	178	7.00	-	-	243	9.56	262	10.3	-	-
Dia. of Port		D	-	-	-	9.6	0.38	14	0.55	18	0.70	-	-	30	1.18	37	1.45	-	-
Approx. Weight	Class 150	Kg / Lb	-	-	-	3.4	7.5	3.8	8.3	5.7	12.5	-	-	9.7	21.4	13.2	29.1	-	-
	Class 300	Kg / Lb	-	-	-	3.9	8.6	5	11.0	6.2	13.6	-	-	12	26.4	16.5	36.3	-	-
	Class 600	Kg / Lb	-	-	-	4	8.8	5.2	11.4	7.5	16.5	-	-	15	33.0	20.5	45.1	-	-

End to End dimensions according to ASME B16.10

(*) End to end dimension according to ANSI B16.10.



RATINGS: Carbon Steel
 Class 150 - 285 p.s.i. @ 100°F
 Class 300 - 740 p.s.i. @ 100°F
 Class 600 - 1480 p.s.i. @ 100°F

CLASS 150-300-600

ROUND BONNET - STANDART PORT TO API602/ISO 15761
 Outside Screw & Yoke - Integral Flanged Ends according to ASME B16.5

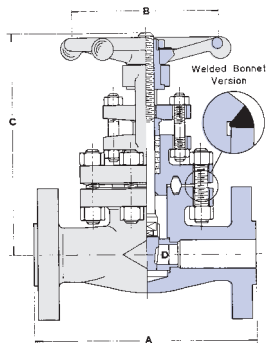
STANDARD PORT		1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2			
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
Class 150	F1-610	A	-	-	-	108	4.25	117	4.64	127	5.00	-	-	165	6.49	178	7.00	-	-
Class 300	F3-610	A	-	-	-	140	5.51	152	6.02	165	6.49	-	-	190	7.51	216	8.50	-	-
Class 600	F6-RJ610	A	-	-	-	165	6.49	190	7.51	216	8.50	-	-	241	9.48	292	11.5	-	-
Handwheel		B	-	-	-	110	4.33	110	4.33	130	5.11	-	-	250	9.84	250	9.84	-	-
Center to Top Open	Class 150/300	C	-	-	-	170	6.69	195	7.67	210	8.26	-	-	262	10.3	327	12.8	-	-
	Class 600	C	-	-	-	244	9.60	268	10.5	310	12.2	-	-	391	15.4	430	16.9	-	-
Dia. of Port		D	-	-	-	14	0.55	18	0.70	24	0.94	-	-	37	1.45	48	1.89	-	-
Approx. Weight	Class 150	Kg / Lb	-	-	-	3.6	7.9	4.8	10.5	6.5	14.3	-	-	12	26.4	18	39.6	-	-
	Class 300	Kg / Lb	-	-	-	4.1	9.0	5.5	12.1	7.0	15.4	-	-	13	28.6	19	41.8	-	-
	Class 600	Kg / Lb	-	-	-	6	13.2	11	24.2	13	28.6	-	-	27	59.4	30	66.0	-	-

End to End dimensions according to ASME B16.10

Spiral wound gasket joint for #150 - #300

Ring-Joint gasket according to ASME B 16.20 - API 6A

(*) End to end dimension according to ANSI B16.10.



RATINGS: Carbon Steel
 Class 1500 - 3705 p.s.i. @ 100°F

CLASS 1500

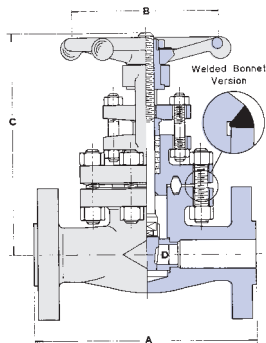
ROUND BOLTED BONNET RJ - FULL PORT BS 5352
 Outside Screw & Yoke - Integral Flanged Ends according to ASME B 16.5

FULL PORT	F9-RJ910	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2			
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
End to End	A	-	-	-	-	216	8.50	229	9.01	254	10.0	-	-	305	12.0	368	14.5	-	-
Handwheel	B	-	-	-	-	110	4.33	130	5.11	130	5.11	-	-	250	9.84	300	11.8	-	-
Center to Top Open	C	-	-	-	-	260	10.2	300	11.8	300	11.8	-	-	390	15.3	420	16.5	-	-
Dia. of Port	D	-	-	-	-	14	0.55	18	0.70	24	0.94	-	-	37	1.45	48	1.89	-	-
Approx. Weight	Kg / Lb	-	-	-	-	11	24.2	16	35.2	19	41.8	-	-	35	77.1	59	130.0	-	-

End to End dimensions according to ASME B16.10

Spiral wound gasket joint available on request

Ring-Joint gasket according to ASME B 16.20 - API 6A



RATINGS: Carbon Steel
 Class 2500 - 6170 p.s.i. @ 100°F

CLASS 2500

ROUND BOLTED BONNET RJ - FULL PORT - ASME B16.34
 Outside Screw & Yoke - Integral Flanged Ends according to ASME B 16.5

FULL PORT	F25-RJ2510	1/4		3/8		1/2		3/4		1		1.1/4		1.1/2		2			
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
End to End	A	-	-	-	-	264	10.4	273	10.7	308	12.1	-	-	384	15.1	451	17.7	-	-
Handwheel	B	-	-	-	-	130	5.11	130	5.11	250	9.84	-	-	300	11.8	300	11.8	-	-
Center to Top Open	C	-	-	-	-	304	11.9	315	12.4	368	14.5	-	-	445	17.5	538	22.2	-	-
Dia. of Port	D	-	-	-	-	14	0.55	18	0.70	24	0.94	-	-	37	1.45	37	1.45	-	-
Approx. Weight	Kg / Lb	-	-	-	-	19	41.8	21	46.2	40	88.1	-	-	62	136.5	92	202.6	-	-

End to End dimensions according to ASME B16.10

Ring-Joint gasket according to ASME B 16.20 - API 6A

