



VALVE SIZE	OPERATOR MODEL	D	E	F	G	H	K	L	M	N
100mm (4")	65	51	90	87	76	197	89	57	35	16 1/2
150mm (6")	150	51	90	87	76	197	89	57	35	16 1/2
200mm (8")	250	52	94	103	98	222	114	60	51	24
250mm & 300mm	510	57	114	138	132	256	156	70	76	36
350,400,450 & 500	1250	81	146	213	178	313	200	83	102	48
600mm	2200	81	159	264	229	363	273	98	152	72

VALVE SIZE	A	B	C	J	P	Q	R	S	T	V	WEIGHT (Kg)
100	102	138	191	64	4	3/4x3 1/2	232	25	324	126 <sup>+1.8</sup> <sub>-0.76</sub>	37
150	127	165	241	73	6	3/4x3 1/2	283	27	330	179 <sup>+1.8</sup> <sub>-0.76</sub>	46
200	152	192	298	76	6	3/4x4	333	29	356	232 <sup>+1.8</sup> <sub>-0.76</sub>	68
250	197	244	356	108	8	3/4x4	399	30	384	884 <sup>+1.8</sup> <sub>-0.76</sub>	110
300	241	289	413	108	8	3/4x4	455	33	406	338 <sup>+1.8</sup> <sub>-0.76</sub>	141
350	265	313	476	133	10	3/4x4	516	33	448	392 <sup>+1.5</sup> <sub>-1.8</sub>	232
400	309	373	533	133	12	3/4x4 1/2	573	35	470	446 <sup>+1.5</sup> <sub>-1.8</sub>	271
450	338	402	591	156	12	3/4x4 1/2	630	36	489	423 <sup>+1.5</sup> <sub>-1.8</sub>	346
500	378	441	648	156	14	3/4x4 1/2	687	38	486	552 <sup>+1.5</sup> <sub>-1.8</sub>	402
600	498	511	762	191	16	3/4x5	802	41	540	659 <sup>+1.5</sup> <sub>-1.8</sub>	541

NOTE 1: FLOW MAY BE IN EITHER DIRECTION

NOTE 2: VALVE SHAFT WILL MEET OR EXCEED REQUIREMENTS OF SHAFT TABLE PER AWWA STANDARD C-504 FOR APPLICABLE CLASS.

NOTE 3: REFERENCE AWWA C-111 (A.N.S.I. A21-11)

NOTE 4: "N" = NUMBER OF TURNS TO CLOSE

NOTE 5: "P" = NUMBER OF BOLTS ON EACH FLANGE

NOTE 6: "Q" = DIAMETER OF BOLTS

NOTE 7: OPERATED BY 2" AWWA OPERATING / WRENCH NUT

NOTE 8: GASKET, GLANDS, BOLTS, FOR MECHANICAL JOINT FURNISHED WITH VALVE WHEN SPECIFIED ON ORDER

PROJECT

OWNER

CONTRACTOR

DISTRIBUTOR

CONSULTANT

**CLOW CANADA**

100mm - 600mm STYLE 4500 CLASS 150  
BUTTERFLY VALVE NON-INDICATING MJ x MJ

DWG. NO.  
BMJ-15-45C