



VALVE SIZE (mm's)	OPERATOR MODEL	D	E	F	G	H	K	L	M	N
75mm & 100mm	65	74	90	87	190	197	89	57	35	16 1/2
150mm	150	74	90	87	190	197	89	57	35	16 1/2
200mm	250	76	94	103	356	222	114	60	51	24
250mm & 300mm	510	81	114	138	356	256	156	70	76	36
350,400,450 & 500	1250	103	146	213	457	313	200	83	102	48
600mm	2200	103	159	264	457	363	273	98	152	72

VALVE SIZE	A	B	C	J	P	Q	R	S	AA	AB	WEIGHT
75mm	102	138	152	127	4	5/8	229	24	4	5/8-11	34kg
100mm	102	138	190	127	8	5/8	229	24	4	5/8-11	34kg
150mm	127	165	241	127	8	3/4	280	25	4	3/4-10	43kg
200mm	152	192	298	152	8	3/4	343	29	4	3/4-10	64kg
250mm	197	244	362	203	12	7/8	406	30	-	-	108kg
300mm	241	289	432	203	12	7/8	483	32	-	-	136kg
350mm	265	313	476	203	12	1	533	35	4	1-8	220kg
400mm	309	373	540	203	16	1	597	37	4	1-8	259kg
450mm	338	402	578	203	16	1 1/8	635	40	4	1 1/8-7	334kg
500mm	378	441	635	203	20	1 1/8	699	43	4	1 1/8-7	390kg
600mm	442	511	750	203	20	1 1/4	813	48	4	1 1/4-7	530kg

- 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-504 FLANGES & DRILLING (A.N.S.I. 125)
 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 50mm AWWA OPERATING / WRENCH NUT

PROJECT

OWNER

CONTRACTOR

DISTRIBUTOR

CONSULTANT

CLOW CANADA

75mm - 600mm STYLE 4500 CLASS 150 BUTTERFLY VALVE
 POSITION INDICATOR, HANDWHEEL OPERATOR
 FLANGED ENDS

DWG. NO.
BF E-15-45E