



AA=NO. OF TAPPED HOLES EACH FLANGE
 AB=SIZE OF TAPPED HOLES
 AC=DEPTH OF TAPPED HOLES

	OPERATOR MODEL									
75 & 100	65	74	90	92	190	197	87	57	35	16 1/2
150	150	74	90	92	190	197	87	57	35	16 1/2
200	250	76	94	108	356	222	114	60	51	24
250 & 300	510	81	114	141	356	267	155	70	76	36
350,400,450 & 500	1250	103	146	213	457	313	200	83	102	48
600	2200	103	159	264	457	363	273	98	152	72

VALVE SIZE	A	B	C	J	P	Q	R	S	T	AA	AB	AC	WT. - KG
75	102	138	168	140	4	3/4	254	32	145	N/A	N/A	N/A	39
100	102	138	200	140	8	3/4	254	32	176	4	3/4 - 10	1 3/16	39
150	127	155	276	146	12	3/4	318	36	246	4	3/4 - 10	1 3/8	50
200	178	187	330	174	12	7/8	381	41	303	4	7/8 - 9	1 9/16	73
250	190	241	387	235	16	1	445	47	357	4	1 - 8	1 1/2	115
300	241	276	451	238	16	1 1/8	520	52	406	4	1 1/8 - 7	1 9/16	150
350	290	309	514	238	20	1 1/8	584	54	481	8	1 1/8 - 7	1 5/8	234
400	335	354	572	241	20	1 1/4	648	57	535	8	1 1/4 - 7	1 3/4	273
450	363	386	629	241	24	1 1/4	711	60	592	8	1 1/4 - 7	1 3/4	352
500	403	441	686	241	24	1 1/4	775	64	649	8	1 1/4 - 7	1 3/4	409
600	593	490	813	244	24	1 1/2	914	70	770	8	1 1/2 - 6	1 7/8	536

- 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. 250)
- 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
- NOTE 8: RATED AND TESTED FOR 250 PSI WORKING PRESSURE
- NOTE 9: "Z" = (1.59mm RAISED FACE ON EACH FLANGE)

PROJECT
OWNER
CONTRACTOR
DISTRIBUTOR
CONSULTANT

CLOW CANADA	75mm THRU 600mm 4500 CLASS 250 BUTTERFLY VALVE NON-INDICATING HANDWHEEL - FLANGED ENDS	DWG. NO. A-8017
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