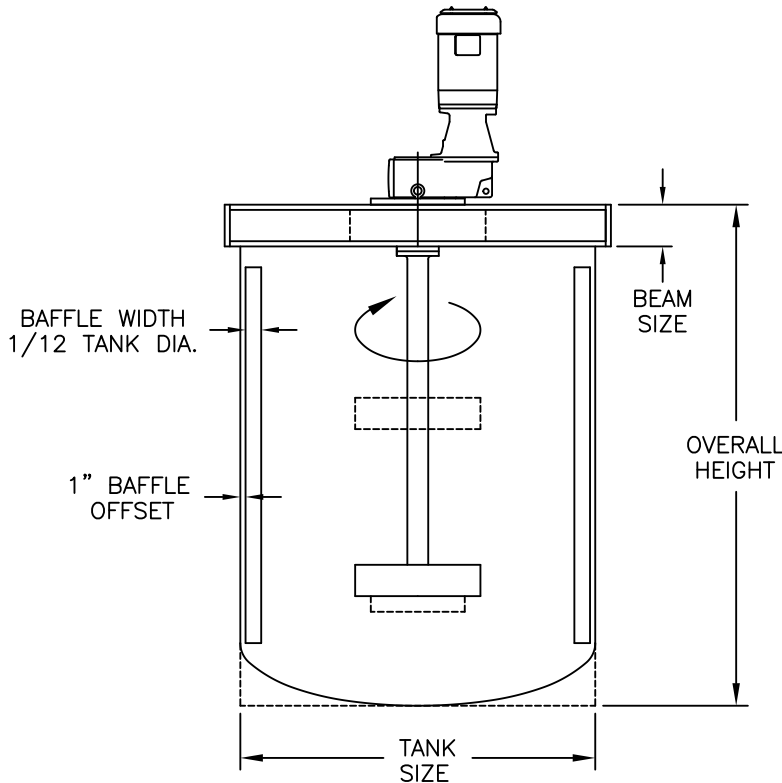


MOUNTING HOLE DIMENSIONS									DESIGN LOADS		
CASE SIZE			DIMENSION - INCHES						DOWNWARD LOAD (LBS.)	BENDING (IN. LBS.)	TORSIONAL (IN. LBS.)
BTO	BTD	BRM	C	J	L	M	O	P			
2			.75	5.9	6.00	12.00	6.00	12.00	620	7,500	5,110
3			.75	7.4	6.00	12.00	6.00	12.00	1,015	17,650	8,450
4			.88	8.8	8.25	16.50	5.00	10.00	1,510	34,500	14,350
5			1.00	9.3	8.25	16.50	5.00	10.00	3,275	60,000	21,000
6			1.00	11.5	11.25	22.50	7.50	15.00	5,500	158,000	31,000
7			1.125	13.0	10.00	20.00	8.00	16.00	6,250	306,000	45,000
8			1.375	15.0	12.50	25.00	11.00	22.00	8,400	355,000	84,000
9			1.375	18.0	14.00	28.00	12.50	25.00	12,400	419,000	126,000
	20		1.00	7.5	6.00	12.00	6.00	12.00	1,015	17,650	8,450
	21		1.00	8.5	7.00	14.00	7.00	14.00	1,510	34,500	14,350
	22		1.00	9.5	8.00	16.00	8.00	16.00	3,275	60,000	21,000
		30	.88	13.5	11.25	22.50	5.75	13.25	3,275	60,000	21,000
		40	.88	14.0	11.25	22.50	6.75	15.00	4,715	95,000	42,960
		50	1.00	15.0	12.63	25.25	7.25	16.25	6,300	142,000	57,275
		60	1.12	17.0	13.75	27.50	8.38	21.75	10,350	235,000	85,950
		70	1.12	20.0	16.25	32.50	9.75	24.00	13,100	319,000	143,200
		80	1.38	23.0	19.00	38.00	11.50	30.00	16,350	476,000	175,000
		90	1.38	23.0	19.00	38.00	11.50	30.00	19,950	476,000	229,100



TYPICAL MOUNTING BEAM SIZES							
CASE SIZE			TANK DIAMETER OR BEAM SPAN - FEET				
BTO	BTD	BRM	UP TO 10'	OVER 10' UP TO 15'	OVER 15' UP TO 20'	OVER 20' UP TO 25'	OVER 25' UP TO 30'
2			M4 X 13	M6 X 20	W8 X 24	W10 X 33	W10 X 49
3			W5 X 16	W8 X 18	W8 X 28	W10 X 39	W10 X 60
4&5	20		W5 X 16	W8 X 18	W8 X 35	W10 X 45	W10 X 68
		30	M6 X 20	W8 X 21	W8 X 48	W10 X 60	W10 X 100
6			M6 X 25	W8 X 28	W8 X 48	W10 X 68	W10 X 100
7			W8 X 24	W8 X 40	W10 X 45	W10 X 100	W14 X 82
8			W8 X 35	W8 X 58	W10 X 60	W14 X 61	W14 X 109
9			W8 X 48	W8 X 67	W10 X 77	W14 X 74	W14 X 120
		90	W8 X 48	W8 X 67	W10 X 77	W14 X 82	W14 X 132

**NOTES:**

1. TYPICAL SUPPORT STRUCTURE IS CONSTRUCTED OF TWO STEEL BEAMS WITH LATERAL AND END BRACING. ALL WELDS ARE CONTINUOUS.
2. TANK MAY BE ROUND, SQUARE, OR RECTANGULAR.
3. ROUND TANKS REQUIRE BAFFLES AS SHOWN.
4. BRAUN MIXER INC. WARRANTY APPLIES ONLY TO ITEMS FURNISHED BY BRAUN MIXER INC. ALL OTHER EQUIPMENT AND DESIGNS ARE THE RESPONSIBILITY OF OTHERS. BRAUN MIXER INC. DOES NOT WARRANT, GUARANTEE, OR ASSUME ANY RESPONSIBILITY FOR THE DESIGN OR CONSTRUCTION OF THE MOUNTING STRUCTURE FOR THE MIXER.
5. DESIGN LOADS ARE GREATER THAN ACTUAL LOADS BY A SUITABLE FACTOR TO PROVIDE FOR ADEQUATE DESIGN OF MIXER MOUNTING STRUCTURE.
6. DIMENSION "J" IS FOR CLEARANCE IN MOUNTING STRUCTURE AND IS TO BE CENTERED ON MIXER SHAFT CENTER LINE.

ALL EQUIPMENT DESIGN AND APPLICATION DATA SHOWN HEREIN IS CONFIDENTIAL AND THE PROPERTY OF BRAUN MIXER. NO USE OR DISCLOSURE THEREOF MAY BE MADE WITHOUT OUR WRITTEN PERMISSION.	<b>BRAUN MIXER</b>	
	MIXER MODEL	
FILE NO. SDB100E DATE 01/05/09 ©2018	<b>BTO, BTD &amp; BRM SUPPORT STRUCTURE</b>	
	DIMENSION AND ASSEMBLY DRAWING	