



VERTICAL ON CENTER MOUNTING

ANGLE OFF-SET MOUNTING
(SEE TABLE 2 FOR DIMENSIONS)

MIXER MODEL BD/BGM	MOUNTING HOLE DIMENSIONS						DESIGN LOADS		
	150 LB. ANSI FLANGE DRILLING						DOWNWARD LOAD (LBS.)	BENDING (IN. LBS.)	TORSIONAL (IN. LBS.)
	ANSI SIZE	O.D.	BOLT CIRC.	NO. HOLES	BOLT DIA.	T			
33							335	4,300	150
50							350	4,300	200
75							365	4,300	300
100							380	4,300	400
150	6	11.0	9.50	8	.75	1.63	500	7,500	600
200							520	7,500	800
300							540	8,700	1,200
500							560	8,700	2,000

TABLE 1

TANK DIA.	"X"	"Y"
30"	9"	5"
33"	10"	5.5"
36"	11"	6"
39"	11.5"	6.5"
42"	13.5"	7"
45"	14.5"	7.5"
48"	15.5"	8.75"
51"	17"	9.5"
54"	18"	10"
57"	19"	10.5"
60"	20"	11"
63"	21.5"	12"
66"	22.5"	12.5"
69"	23.5"	13"
72"	25"	14"
75"	26"	14.75"
78"	27"	15.5"

TANK DIA.	"X"	"Y"
81"	28.5"	16.5"
84"	29.5"	17"
90"	31.5"	18"
93"	32.5"	18.5"
96"	34"	19.5"
99"	35"	20"
102"	36"	20.5"
105"	37"	21"
108"	38.5"	22"
111"	39.5"	22.5"
114"	40.5"	23"
117"	42"	24"
120"	43"	24.5"
126"	45.5"	26"
132"	47.5"	27"
138"	50"	28.5"
144"	52"	30"

TABLE 2

NOTES:

1. 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.
2. DESIGN LOADS ARE GREATER THAN ACTUAL LOADS BY A SUITABLE FACTOR TO PROVIDE FOR ADEQUATE DESIGN OF MIXER MOUNTING STRUCTURE.
3. ROUND TANKS REQUIRE BAFFLES AS SHOWN, UNLESS OTHERWISE INSTRUCTED BY BRAUN MIXER, INC.
4. DESIGN LOAD AND NOZZLE MOUNTING INFORMATION, FOR CLOSED TANK INSTALLATION, IS APPLICABLE FOR BOTH STUFFING BOX AND MECHANICAL SEAL MIXERS.
5. FLANGE SIZES LARGER THAN STANDARD ARE AVAILABLE AS AN OPTION.

ALL EQUIPMENT DESIGN AND APPLICATION DATA SHOWN HEREIN IS CONFIDENTIAL AND THE PROPERTY OF BRAUN MIXER, INC. NO USE OR DISCLOSURE THEREOF MAY BE MADE WITHOUT OUR WRITTEN PERMISSION.

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BRAUN MIXER, INC.

MIXER MODEL

BD & BGM ANSI FLANGE MOUNT

DIMENSION AND ASSEMBLY DRAWING