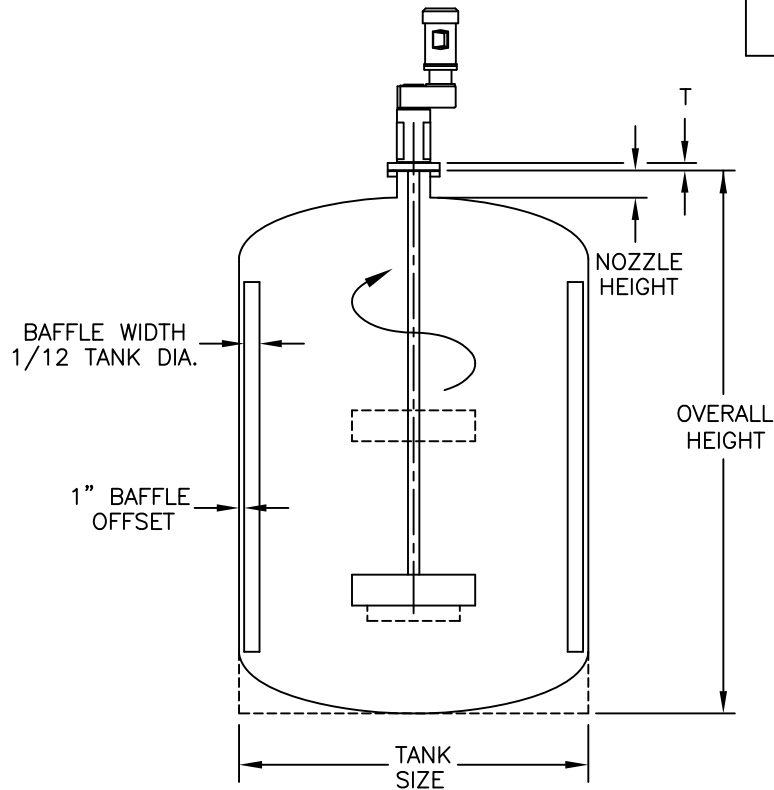


| MOUNTING HOLE DIMENSIONS |     |     |                              |      |               |              |              |      | DESIGN LOADS            |                       |                         |
|--------------------------|-----|-----|------------------------------|------|---------------|--------------|--------------|------|-------------------------|-----------------------|-------------------------|
| CASE SIZE                |     |     | 150 LB. ANSI FLANGE DRILLING |      |               |              |              |      | DOWNWARD<br>LOAD (LBS.) | BENDING<br>(IN. LBS.) | TORSIONAL<br>(IN. LBS.) |
| BTO                      | BTD | BRM | ANSI<br>SIZE                 | O.D. | BOLT<br>CIRC. | NO.<br>HOLES | BOLT<br>DIA. | T    |                         |                       |                         |
| 2                        |     |     | 8                            | 13.5 | 11.75         | 8            | .75          | 2.00 | 810                     | 7,500                 | 5,110                   |
| 3                        |     |     | 8                            | 13.5 | 11.75         | 8            | .75          | 2.00 | 1,205                   | 17,650                | 8,450                   |
| 4                        |     |     | 8                            | 13.5 | 11.75         | 8            | .75          | 2.00 | 2,500                   | 34,500                | 14,350                  |
| 5                        |     |     | 8                            | 13.5 | 11.75         | 8            | .75          | 2.00 | 4,260                   | 60,000                | 21,000                  |
| 6                        |     |     | 10                           | 16.0 | 14.25         | 12           | .88          | 2.25 | 7,150                   | 158,000               | 31,000                  |
| 7                        |     |     | 10                           | 16.0 | 14.25         | 12           | .88          | 2.25 | 8,450                   | 306,000               | 45,000                  |
| 8                        |     |     | 12                           | 19.0 | 17.00         | 12           | .88          | 2.50 | 10,920                  | 355,000               | 84,000                  |
| 9                        |     |     | 14                           | 21.0 | 18.75         | 12           | 1.00         | 2.75 | 16,120                  | 419,000               | 126,000                 |
|                          | 20  |     | 8                            | 13.5 | 11.75         | 8            | .75          | 2.00 | 1,205                   | 17,650                | 8,450                   |
|                          | 21  |     | 8                            | 13.5 | 11.75         | 8            | .75          | 2.00 | 2,500                   | 34,500                | 14,350                  |
|                          | 22  |     | 10                           | 16.0 | 14.25         | 12           | .88          | 2.25 | 3,550                   | 60,000                | 21,000                  |
|                          |     | 30  | 10                           | 16.0 | 14.25         | 12           | .88          | 2.25 | 3,550                   | 60,000                | 21,000                  |
|                          |     | 40  | 12                           | 19.0 | 17.00         | 12           | .88          | 2.50 | 5,100                   | 95,000                | 42,960                  |
|                          |     | 50  | 14                           | 21.0 | 18.75         | 12           | 1.00         | 2.75 | 6,790                   | 142,000               | 57,275                  |
|                          |     | 60  | 16                           | 23.5 | 21.25         | 16           | 1.00         | 2.75 | 11,100                  | 235,000               | 85,950                  |
|                          |     | 70  | 18                           | 25.0 | 22.75         | 16           | 1.12         | 3.00 | 14,100                  | 319,000               | 143,200                 |
|                          |     | 80  | 20                           | 27.5 | 25.00         | 20           | 1.12         | 3.25 | 17,550                  | 476,000               | 175,000                 |
|                          |     | 90  | 24                           | 32.0 | 29.50         | 20           | 1.25         | 3.63 | 21,900                  | 476,000               | 229,100                 |



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.
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.

|  |   |  |
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| 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. SDB102C DATE 4-29-16 ©2018  | <b>BTO, BTD &amp; BRM ANSI FLANGE MOUNT</b> |  |
|  | DIMENSION AND ASSEMBLY DRAWING              |  |