

MANUFACTURER: *Taco*

PUMP MODEL: **3013D**

FRAME MODEL: **286T**

KW / HP: **30 HP**

RPM: **1760**

PUMP WEIGHT: **1092 Lbs.**

PIPING WEIGHT: **386 Lbs.**

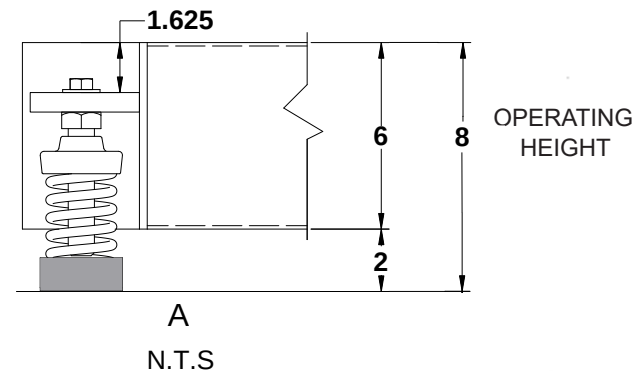
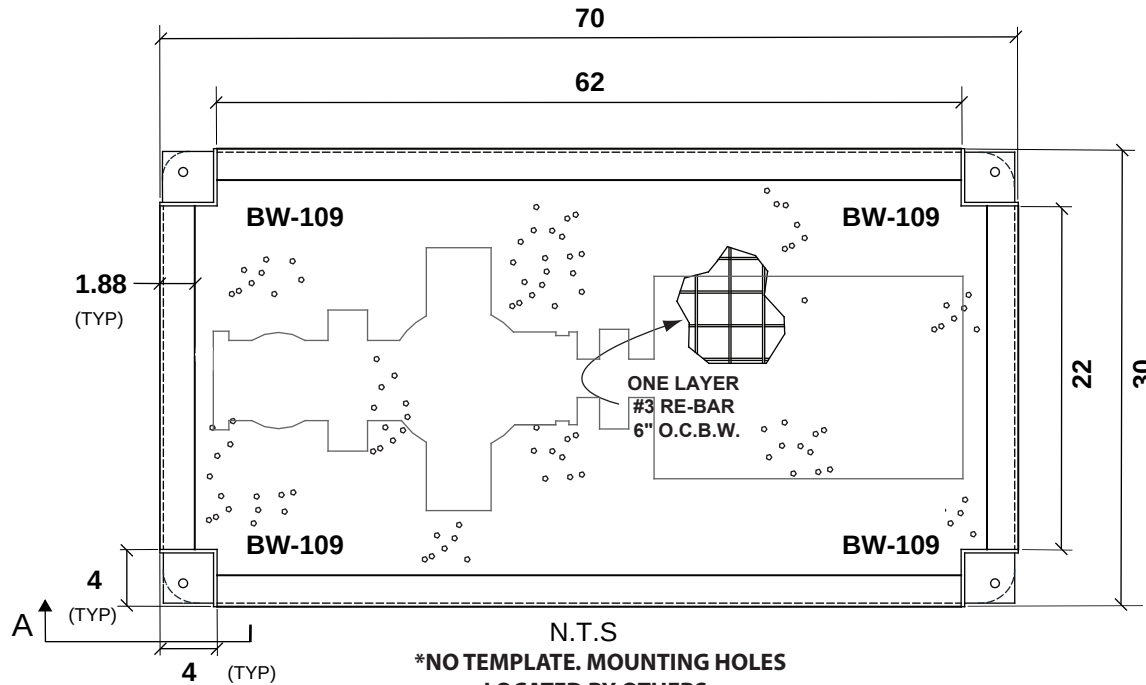
BASE WEIGHT: **1206 Lbs.**

TOTAL WEIGHT: **2684 Lbs.**

TAG(s): **P-1 & 2**

Qty: **2**

| ISOLATOR<br>MODEL | RATED<br>LOAD<br>(lbs) | SOLID<br>LOAD<br>(lbs) |
|-------------------|------------------------|------------------------|
| BW-101            | 56                     | 85                     |
| BW-102            | 76                     | 115                    |
| BW-103            | 113                    | 170                    |
| BW-104            | 150                    | 225                    |
| BW-105            | 216                    | 325                    |
| BW-106            | 300                    | 450                    |
| BW-107            | 400                    | 600                    |
| BW-108            | 500                    | 750                    |
| BW-109            | 600                    | 900                    |
| BW-110            | 733                    | 1100                   |
| BW-111            | 866                    | 1300                   |
| BW-112            | 1000                   | 1500                   |
| BW-101-113        | 507                    | 761                    |
| BW-102-113        | 526                    | 789                    |
| BW-103-113        | 554                    | 831                    |
| BW-104-113        | 582                    | 874                    |
| BW-105-113        | 647                    | 971                    |
| BW-106-113        | 716                    | 1075                   |
| BW-107-113        | 800                    | 1200                   |
| BW-108-113        | 921                    | 1382                   |
| BW-109-113        | 1066                   | 1600                   |
| BW-110-113        | 1106                   | 1660                   |
| BW-111-113        | 1240                   | 1860                   |



#### NOTES

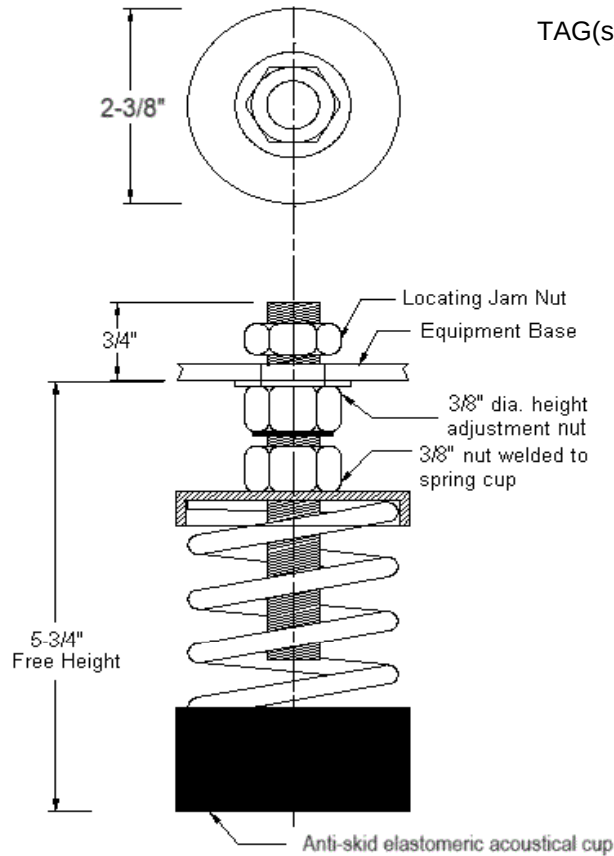
1. Springs have 50% additional travel to solid beyond rated load.
2. Isolators should be selected in the range of -30% to +25% of rated load.
3. Consult spring chart for isolator performance data.



|            |                 |
|------------|-----------------|
| PROJECT :  |                 |
| CUSTOMER : |                 |
| DWN :      |                 |
| DATE :     | <b>09/12/24</b> |

**CONCRETE INERTIA BASE**

1" INCH SPEC. DEFL.



TAG(s): **P-1 & 2**

Qty: **2**

### GALVANIZED SPRINGS

| SPRING NO. | COLOR  |        | RL    | SL    | DEFLECTION AT SL | SPRING CONSTANT | O.D.   | FSH    | NOM. DEFL. |
|------------|--------|--------|-------|-------|------------------|-----------------|--------|--------|------------|
|            | MAIN   | STRIPE | (LB.) | (LB.) | (INCH)           | (LB./INCH)      | (INCH) | (INCH) | (INCH)     |
| 021        | SILVER | BLUE   | 20    | 30    | 0.75             | 40              | 1 1/4  | 1 1/2  | 3/4        |
| 022        | SILVER | RED    | 44    | 66    | 0.75             | 88              |        |        |            |
| 023        | SILVER | YELLOW | 70    | 105   | 0.75             | 140             |        |        |            |
| 024        | SILVER | WHITE  | 100   | 150   | 0.75             | 200             |        |        |            |
| 041        | SILVER | BLUE   | 15    | 23    | 1.55             | 15              | 1 1/4  | 2 1/4  | 1          |
| 042        | SILVER | RED    | 33    | 50    | 1.50             | 34              |        |        |            |
| 043        | SILVER | YELLOW | 57    | 86    | 1.40             | 62              |        |        |            |
| 044        | SILVER | WHITE  | 76    | 115   | 1.30             | 87              |        |        |            |
| 045        | SILVER | PINK   | 148   | 222   | 1.30             | 168             | 2      | 4      | 2          |
| 081        | SILVER | BLUE   | 32    | 48    | 3.20             | 15              |        |        |            |
| 082        | SILVER | ORANGE | 50    | 76    | 2.90             | 26              |        |        |            |
| 083        | SILVER | BROWN  | 89    | 134   | 2.80             | 48              |        |        |            |
| 084        | SILVER | BLACK  | 158   | 237   | 2.40             | 99              | 2      | 4      | 1          |
| 085        | SILVER | YELLOW | 280   | 420   | 2.05             | 204             |        |        |            |
| 086        | SILVER | RED    | 360   | 540   | 2.05             | 264             |        |        |            |
| 087        | SILVER | GREEN  | 485   | 728   | 2.01             | 361             |        |        |            |
| 101        | SILVER | PINK   | 56    | 85    | 1.40             | 61              | 1 5/32 | 2 3/4  | 1          |
| 102        | SILVER | BLACK  | 76    | 115   | 1.30             | 89              |        |        |            |
| 103        | SILVER | BLUE   | 113   | 170   | 1.30             | 131             |        |        |            |
| 104        | SILVER | YELLOW | 150   | 225   | 1.30             | 174             |        |        |            |
| 105        | SILVER | BROWN  | 216   | 325   | 1.20             | 271             | 2      | 5      | 2          |
| 106        | SILVER | RED    | 300   | 450   | 1.20             | 375             |        |        |            |
| 107        | SILVER | PURPLE | 400   | 600   | 1.20             | 500             |        |        |            |
| 108        | SILVER | ORANGE | 500   | 750   | 1.10             | 682             |        |        |            |
| 109        | SILVER | GREEN  | 600   | 900   | 1.00             | 900             | 1 1/4  | 5      | 2          |
| 110        | SILVER | GRAY   | 733   | 1100  | 0.80             | 1375            |        |        |            |
| 111        | SILVER | WHITE  | 866   | 1300  | 0.80             | 1625            |        |        |            |
| 112        | SILVER | GOLD   | 1000  | 1500  | 1.00             | 1500            |        |        |            |
| 113        | SILVER | NIL    | 466   | 700   | 1.00             | 700             | 2      | 2 3/4  | 1          |
| 121        | SILVER | BLUE   | 40    | 60    | 1.30             | 47              |        |        |            |
| 122        | SILVER | ORANGE | 66    | 100   | 1.30             | 77              |        |        |            |
| 123        | SILVER | BROWN  | 110   | 165   | 1.20             | 138             |        |        |            |
| 124        | SILVER | BLACK  | 173   | 260   | 1.00             | 260             | 2      | 5      | 2          |
| 125        | SILVER | YELLOW | 246   | 370   | 1.00             | 372             |        |        |            |
| 126        | SILVER | RED    | 300   | 450   | 1.00             | 450             |        |        |            |
| 127        | SILVER | GREEN  | 560   | 840   | 1.15             | 731             |        |        |            |
| 140        | SILVER | BLUE   | 66    | 100   | 2.25             | 45              | 1 1/4  | 5      | 2          |
| 141        | SILVER | BLACK  | 133   | 200   | 2.25             | 89              |        |        |            |
| 142        | SILVER | RED    | 250   | 375   | 2.00             | 188             |        |        |            |
| 143        | SILVER | GREEN  | 333   | 500   | 2.00             | 250             |        |        |            |
| 144        | SILVER | GRAY   | 476   | 714   | 2.00             | 357             | 1 1/4  | 5      | 2          |
| 147        | SILVER | WHITE  | 953   | 1430  | 2.00             | 715             |        |        |            |
| 148A       | SILVER | YELLOW | 1261  | 1892  | 2.00             | 946             |        |        |            |
| 145 **     | SILVER | ORANGE | 100   | 150   | 2.00             | 75              |        |        |            |
| 146 **     | SILVER | BROWN  | 186   | 280   | 2.00             | 140             | 1 1/4  | 5      | 2          |
| 146A **    | SILVER | BLUE   | 233   | 350   | 2.00             | 175             |        |        |            |
| 146B       | SILVER | WHITE  | 400   | 600   | 2.00             | 300             |        |        |            |

#### NOTES:

- 1) SL = LOAD IN LB. AT WHICH SPRING WILL BECOME SOLID OR THEORETICAL MAXIMUM LOAD
- 2) RL = RATED LOAD IN LBS., BASED ON ASHRAE DEFINED 50% ADDITIONAL TRAVEL TO SOLID.
- 3) FSH = FREE SPRING HEIGHT
- 4) ISOLATORS SHOULD BE SELECTED IN THE RANGE OF **MINUS 30% TO PLUS 25%** OF RATED LOAD

\*\* Production discontinued, available till stocks last



PROJECT :  
CUSTOMER :  
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**1" INCH SPEC. DEFL.**