

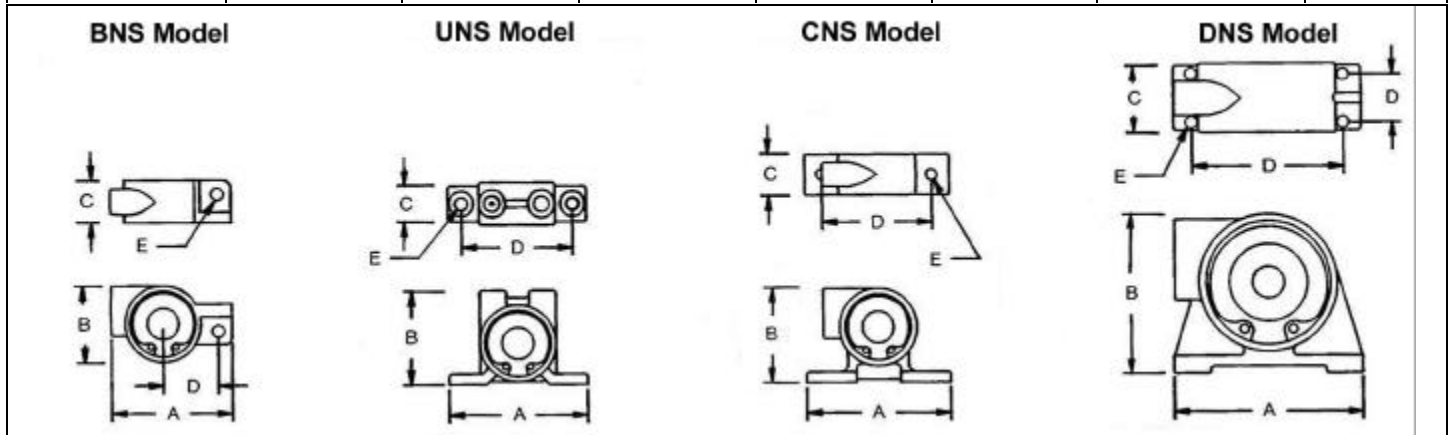
Pneumatic Ball Vibrators

Dimensions and Specifications



DIMENSIONS

| Vibrator Model | A | B | C | D | E | Port Size NPT | Lbs |
|----------------|-----|-----|-----|-----------|-----|---------------|------|
| BNS - 10 | 3.1 | 1.9 | 1.1 | - | .34 | 1/8 | 0.7 |
| BNS - 16 | 4.0 | 2.5 | 1.3 | - | .41 | 1/4 | 1.4 |
| BNS - 19 | 4.5 | 2.8 | 1.5 | - | .41 | 1/4 | 1.9 |
| BNS - 25 | 5.2 | 3.2 | 1.8 | - | .53 | 1/4 | 3.1 |
| UNS - 13 | 5.2 | 2.7 | 1.2 | 4 | .41 | 1/8 | 1.2 |
| UNS - 19 | 5.1 | 3.4 | 1.5 | 4 | .41 | 1/4 | 2.2 |
| UNS - 25 | 6.6 | 3.9 | 1.8 | 5 | .53 | 1/4 | 3.5 |
| UNS - 38 | 7.9 | 5.4 | 2.3 | 6 | .69 | 3/8 | 7.6 |
| UNS - 44 | 8.9 | 5.8 | 2.6 | 7 | .69 | 1/2 | 10.2 |
| CNS - 19 | 5.3 | 3.4 | 1.5 | 4 | .41 | 1/4 | 2.4 |
| CNS - 25 | 5.4 | 4.4 | 2.1 | 4 | .53 | 1/4 | 4.3 |
| CNS - 35 | 5.4 | 4.4 | 2.1 | 4 | .53 | 1/4 | 4.6 |
| DNS - 41 | 6.8 | 5.7 | 2.5 | 5.5 x 1.8 | .41 | 1/2 | 10.4 |
| DNS - 51 | 6.8 | 5.7 | 2.5 | 5.5 x 1.8 | .41 | 1/2 | 10.8 |



SPECIFICATIONS

| Vibrator Model | Unbalance Lb-in. | PSI Required | | 20 PSI | | | 40 PSI | | | 60 PSI | | |
|----------------|------------------|--------------|------|-----------|-----------|----------|-----------|-----------|----------|-----------|-----------|----------|
| | | Vert | Horz | Speed RPM | Flow SCFM | Force Lb | Speed RPM | Flow SCFM | Force Lb | Speed RPM | Flow SCFM | Force Lb |
| BNS - 10 | .0034 | 5 | 2 | 16000 | 4.3 | 25 | 20000 | 7.0 | 38 | 22000 | 9.0 | 45 |
| BNS - 16 | .020 | 15 | 7 | 9400 | 4.1 | 50 | 13000 | 6.4 | 93 | 14000 | 8.2 | 110 |
| BNS - 19 | .043 | 20 | 10 | 8600 | 5.5 | 89 | 11000 | 8.4 | 150 | 13000 | 11 | 200 |
| BNS - 25 | .12 | 30 | 15 | 5700 | 7.5 | 110 | 6900 | 12 | 160 | 8200 | 16 | 230 |
| UNS - 13 | .0093 | 5 | 2 | 13000 | 6.5 | 45 | 18000 | 11 | 84 | 20000 | 15 | 110 |
| UNS - 19 | .043 | 20 | 10 | 8700 | 5.5 | 92 | 11000 | 8.4 | 160 | 13000 | 12 | 210 |
| UNS - 25 | .12 | 30 | 15 | 6300 | 7.0 | 140 | 8400 | 12 | 240 | 9100 | 16 | 280 |
| UNS - 38 | .52 | 50 | 25 | 4300 | 12 | 270 | 5600 | 19 | 470 | 6000 | 25 | 540 |
| UNS - 44 | .97 | 60 | 25 | 3500 | 17 | 330 | 4300 | 27 | 520 | 4700 | 35 | 600 |
| CNS - 19 | .043 | 20 | 10 | 9100 | 5.7 | 100 | 12000 | 8.4 | 170 | 14000 | 12 | 220 |
| CNS - 25 | .12 | 30 | 15 | 6300 | 7.8 | 130 | 8100 | 13 | 220 | 9200 | 18 | 290 |
| CNS - 35 | .24 | 50 | 25 | 5300 | 7.8 | 190 | 6700 | 13 | 310 | 7600 | 16 | 390 |
| DNS - 41 | .82 | 55 | 25 | 3200 | 13 | 240 | 4000 | 21 | 370 | 4400 | 27 | 450 |
| DNS - 51 | 1.3 | 60 | 30 | 3100 | 13 | 350 | 4000 | 20 | 580 | 4300 | 27 | 680 |

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