

Data Sheet

Pneumatic turbine vibrator (aluminum)

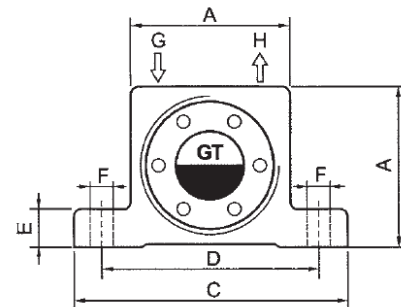
- **Typical applications**

- Vibrating table
- Filter sieve
- Storage bin emptying
- Material conveying
- Prevent hanging on the wall in pipeline of storage bin



- **Structure**

Creating the vibration force by the positive and negative unbalanced torque on the wheel, the wheel is supported by the fully enclosed ball shaft which is pre-lubricated, the bearing contains special lubrication grease which ensures long life and adapts to different situations.



- **Dimensions**

| Item No. | A | Thickness | C | D | E | F | G | H | Weight |
|----------|-----|-----------|-----|-----|----|----|----------|----------|--------|
| | mm | mm | mm | mm | mm | mm | G thread | G thread | kg |
| 3193101 | 40 | 28 | 70 | 56 | 10 | 6 | G1/8 | G1/8 | 0.15 |
| 3193102 | 40 | 28 | 70 | 56 | 10 | 6 | G1/8 | G1/8 | 0.15 |
| 3193103 | 50 | 33 | 86 | 68 | 12 | 7 | G1/8 | G1/8 | 0.3 |
| 3193104 | 50 | 33 | 86 | 68 | 12 | 7 | G1/8 | G1/8 | 0.32 |
| 3193105 | 65 | 42 | 113 | 90 | 16 | 9 | G1/4 | G1/4 | 0.6 |
| 3193106 | 65 | 42 | 113 | 90 | 16 | 9 | G1/4 | G1/4 | 0.63 |
| 3193107 | 80 | 56 | 128 | 104 | 16 | 9 | G1/4 | G1/4 | 1.1 |
| 3193108 | 80 | 56 | 128 | 104 | 16 | 9 | G1/4 | G1/4 | 1.13 |
| 3193109 | 100 | 73 | 160 | 130 | 20 | 11 | G3/8 | G3/8 | 2.25 |
| 3193110 | 100 | 73 | 160 | 130 | 20 | 11 | G3/8 | G3/8 | 2.28 |

- **Performance parameters**

| Item No. | Vibration times/min. | | | Vibration force (N) | | | Air consumed L/min. | | |
|----------|----------------------|-------|-------|---------------------|-------|-------|---------------------|-------|-------|
| | 2 bar | 4 bar | 6 bar | 2 bar | 4 bar | 6 bar | 2 bar | 4 bar | 6 bar |
| 3193101 | 14100 | 15100 | 16100 | 135 | 160 | 200 | 30 | 40 | 50 |
| 3193102 | 11500 | 12500 | 13500 | 130 | 165 | 210 | 30 | 40 | 50 |
| 3193103 | 35850 | 4300 | 45900 | 980 | 2100 | 2950 | 48 | 75 | 152 |
| 3193104 | 26950 | 34800 | 37600 | 850 | 1400 | 2450 | 48 | 75 | 152 |
| 3193105 | 25950 | 30050 | 39800 | 1450 | 2450 | 3700 | 125 | 210 | 280 |
| 3193106 | 16950 | 21800 | 24100 | 1250 | 2100 | 3150 | 125 | 210 | 280 |
| 3193107 | 16950 | 19800 | 23100 | 2180 | 4050 | 5500 | 188 | 215 | 465 |
| 3193108 | 11980 | 15600 | 17100 | 2150 | 3550 | 5600 | 188 | 215 | 465 |
| 3193109 | 12990 | 14010 | 16100 | 3400 | 5450 | 7550 | 335 | 520 | 755 |
| 3193110 | 7990 | 10100 | 13000 | 3300 | 5380 | 7180 | 335 | 520 | 755 |

Remark: The data in above form taken from Kistler triaxial dynamometer on heavy test platform, when the installation rigidity is poor, the frequency and force will become lower.