

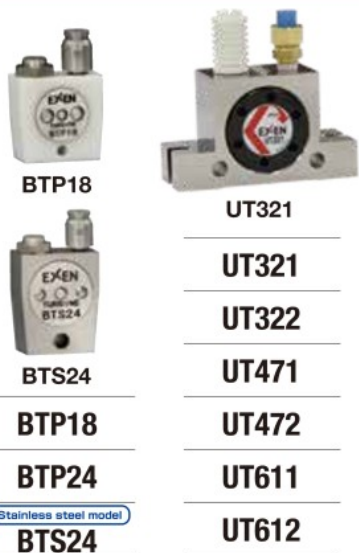
Turbine vibrator

UT series, ultra compact BT series

This is an easy-to-use pneumatic oil-free vibrator that operates simply by supplying compressed air like a conventional ball vibrator (lubrication to supply air is strictly prohibited). The high speed rotating turbine does not contact the casing so that the noise level is very small, and environment friendly.

FEATURES

- 1 No lubricant required (lubrication is strictly prohibited)
- 2 Quiet operation due to no-contact between casing and rotation parts as well as high performance muffler.
- 3 BTP series use polyacetal resin for casing and stainless steel for other parts (BTS series use stainless steel for casing too) so these models are highly durable and can be used safely in food, pharmaceutical and chemical industries.
- 4 The frequency and centrifugal force are adjustable by supply air pressure.



Specification (Metric)

Model	Working Pressure (MPa)	Frequency (HZ)	Centrifugal Force (N)	Air Consumption (L/min) ANR	Demention (mm) L x W x H	Weight (kg)
BTP18	0.2~0.6	153~414	8~61	7~16	32×17×48.6	0.05
BTP24		119~351	16~142	20~48	34×20×59.6	0.09
BTS24	0.3~0.6	110~290	15~100	19~33	34×20×61.6	0.20
UT321	0.2~0.6	454~641	490~974	39~88	85×33×79	0.25
UT322		321~492	444~1044			0.26
UT471		322~493	1032~2410	130~294	90×43×103	0.56
UT472		239~349	1120~2381	129~294		0.58
UT611		195~304	1116~2730	160~371	104×56×118	1.15
UT612		146~222	1234~2870			1.16

Specification (Imperial)

Model	Working Pressure (PSI)	Frequency (VPM)	Centrifugal Force (lbf)	Air Consumption (CFM)	Demention (inch) L x W x H	Weight (lb)
BTP18	29 - 87	9,180 - 24,840	1.80 - 13.71	0.25 - 0.56	1-17/64 X 43/64 X 1-29/32	0.11
BTP24		7,140 - 21,060	3.60 - 31.92	0.71 - 1.69	1-11/32 X 25/32 X 2-11/32	0.2
BTS24	44 - 87	6,600 - 17,400	3.37 - 22.48	0.67 - 1.17	1-11/32 X 25/32 X 2-27/64	0.44
UT321	29 - 87	27,240 - 38,460	110.16 - 218.96	1.38 - 3.11	3-11/32 X 1-19/64 X 3-7/64	0.55
UT322		19,260 - 29,520	99.82 - 234.70			0.57
UT471		19,320 - 29,580	232.00 - 541.79	4.59 - 10.38	3-35/64 X 1-11/16 X 4-1/16	1.23
UT472		14,340 - 20,940	251.79 - 535.27	4.56 - 10.38		1.28
UT611		11,700 - 18,240	250.89 - 613.73	5.65 - 13.10	4-3/32 X 2-13/64 X 4-41/64	2.54
UT612		8,760 - 13,320	277.41 - 645.20			2.56

*The above are the results under our measuring standards and conditions. The value may vary by the installation conditions. *Operating temperature range

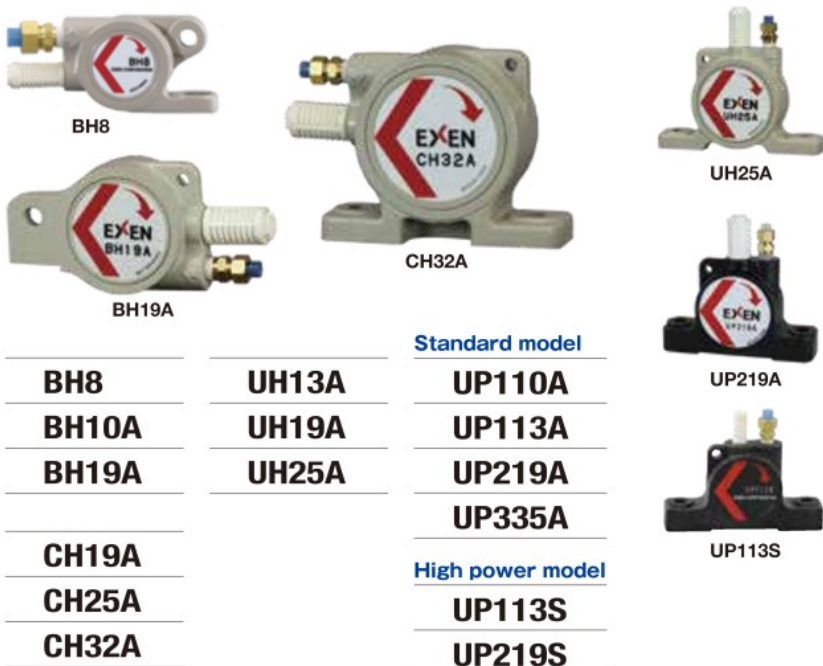
Ball vibrator

Effective for narrow area and places require a small vibration - BH/CH/UH series Plastic body with excellent corrosion resistance - UP series

A steel ball that rotates at high speed inside the casing with compressed air generates optimum centrifugal vibration. Simple structure allows variable vibration frequency and centrifugal force by supply air pressure

*Use a lubricator to maintain its performance.

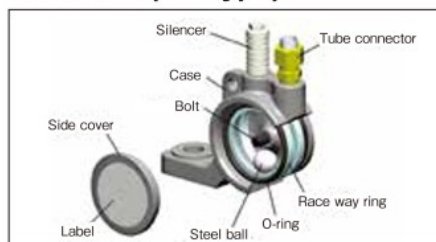
*Use at an ambient temperature of 80°C/176°F (60°C/140°F for the UP series) or lower.



FEATURES

- 1 Various shapes are available according to the object to be installed, and vibration frequency/centrifugal force are adjustable by supply air pressure.
- 2 The compact body and simple structure allows installation in narrow spaces and easy maintenance.
- 3 Corrosion-resistant resin casing enhances applicability to humid places, salty environment or rain exposure.

Structure (UH type)



Standard model

- | | | |
|-------|-------|--------|
| BH8 | UH13A | UP110A |
| BH10A | UH19A | UP113A |
| BH19A | UH25A | UP219A |
| | | UP335A |

High power model

- | | |
|-------|--------|
| CH19A | UP113S |
| CH25A | UP219S |
| CH32A | |