



Vår leverandør VibroNord tilbyr et bredt spekter av pneumatiske industri vibratorer.



## Rulle og turbin vibratorer

- Tømming av trakter, renner og siloer
- Transport av fint pulver
- Komprimering av plast og betong
- Transportører



## Lineær vibratorer og slag vibratorer

- Komprimering av bulk materialer
- Fyllingshjelp
- Mekaniske prosesser
- Flytting av materialer på transportbånd



# TURBINE SERIES VVT

Our turbine pneumatic vibrators lineup features twelve devices to match all the possible applications in the industry. This lineup is ideal when at the same pressure, high frequencies are required. In addition, turbine vibrators do not require lubricated air when functioning, which makes them the ideal choice in food industry application or when air with impurities cannot be discharged in the ambient.



## VibroNord

Pneumatic Industrial Vibrators

### Features



- High frequencies
- Durability
- Low Noise

### Applications



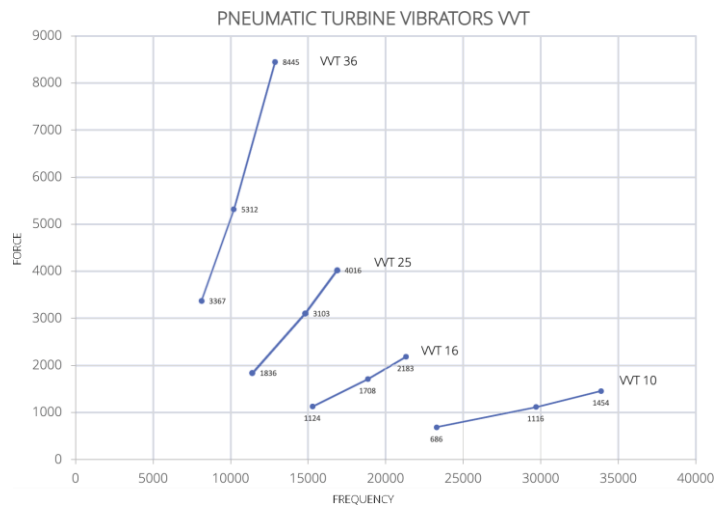
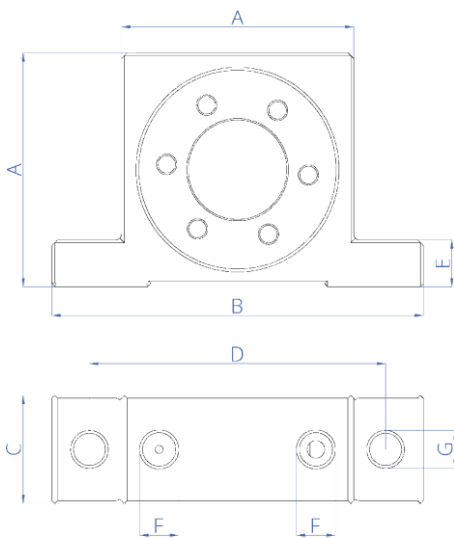
- Food Industry
- Preventing adhesion in pipelines
- Fine powders movement
- Smooth surfaces

### Need some help? Ask our Experts!

We support our customers in matching the right product to the right application, send us an email for support or to receive a dedicated quotation!

# TURBINE SERIES VVT

The particularly refined machining process allow our turbine vibrators to last longer than average in the industry, providing a safe and constant vibration to the machine to which they are attached.



DIMENSION	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	WEIGHT [kg]
WT 8								
WT 10	50	86	34	68	12	G 1/8	7	0,3
WT 12								
WT 13								
WT 16	65	113	42	90	16	G 1/4	9	0,6
WT 19								
WT 20								
WT 25	80	128	56	104	16	G 1/4	9	1,2
WT 29								
WT 30								
WT 36	100	160	75	130	20	G 3/8	13	2,3
WT 40								

## Requirements

- Dry filtered ( $\leq 5\mu\text{m}$ ) air is required
- Operating pressure : from 2 to 6 Bar
- Operating ambient temperature:  $-20^{\circ}\text{C}$  to  $100^{\circ}\text{C}$



DATA	Vibrations per minute [rpm]			Force [N]			Air Consumption [l/min]			Noise dB(A)
	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	
WT 8	31020	39780	45120	607	999	1285	50	85	120	71-75
WT 10	23280	29700	33900	686	1116	1454				
WT 12	21000	27420	30600	591	1007	1254				
WT 13	20152	25126	28425	922	1467	1878	130	200	295	73-79
WT 16	15280	18840	21300	1124	1708	2183				
WT 19	14250	17659	19846	1031	1583	1999				
WT 20	14880	19680	22560	1486	2599	3415	190	320	450	76-82
WT 25	11400	14820	16860	1836	3103	4016				
WT 29	10980	14100	16200	1804	2975	3927				
WT 30	10709	13603	17162	2727	4417	7030	340	545	780	76-85
WT 36	8120	10200	12860	3367	5312	8445				
WT 40	7573	9561	11982	3106	4951	7776				

# BALL SERIES VVS

Our ball vibrators lineup features 8 devices able to deliver an economic but effective solution when generic vibration is required.



## Vibro Nord

Pneumatic Industrial Vibrators

### Features



- Economic
- Long lasting
- Easily adjustable rpm

### Applications



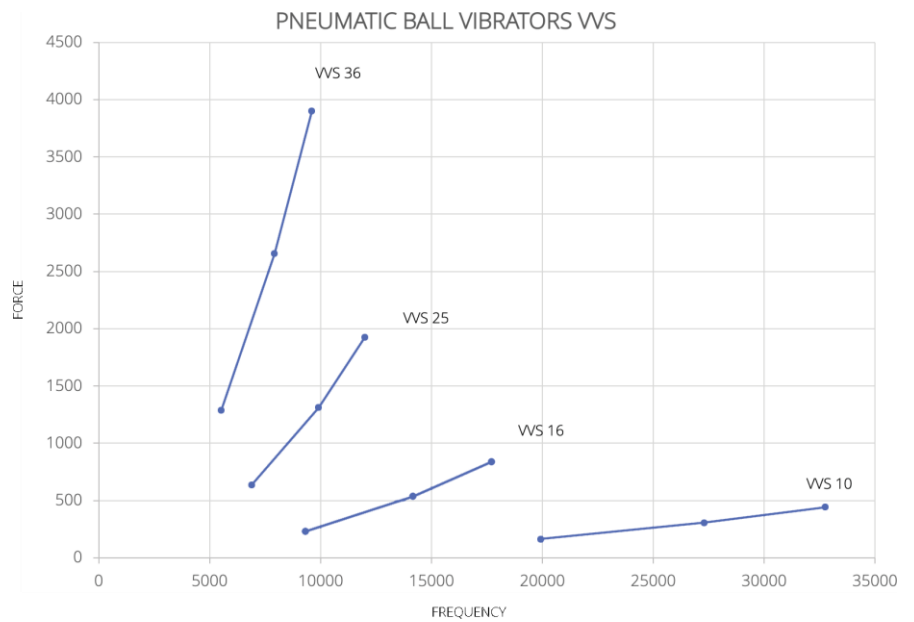
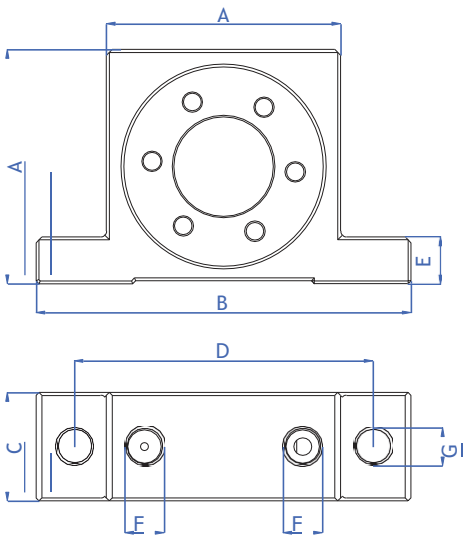
- Emptying bunkers
- Preventing adhesion in pipelines
- Fine powders movement
- Moving of generic goods

### Need some help? Ask our Experts!

We support our customers in matching the right product to the right application, send us an email for support or to receive a dedicated quotation!

# BALL SERIES VVS

The particularly refined machining process allow our ball vibrators to last longer than average in the industry, providing a safe and constant vibration to the machine to which they are attached. Steel hardened tracks are machined to give the least friction surface to the sphere that rotates on them, delivering a low-noise vibration.



DIMENSION	A [ mm ]	B [ mm ]	C [ mm ]	D	E	F	G	WEIGHT [ kg ]
WS 8	50	86	20	68	12	G 1/4	7	0,2
WS 10								0,2
WS 13			24	90	16	G 1/4	9	0,3
WS 16	65	113	27					0,3
WS 20			33	104	16	G 1/4	9	0,5
WS 25	80	128	38					0,7
WS 30			45	130	20	G 3/8	11	1,5
WS 36	100	160	49					1,7

## Requirements

- Lubricated and filtered ( $\leq 5\mu\text{m}$ ) air is required

- Operating pressure : from 2 to 6 Bar

- Operating ambient temperature:  $-20\text{ }^{\circ}\text{C}$  to  $100\text{ }^{\circ}\text{C}$

DATA	Vibrations per minute [ rpm ]			Force [ N ]			Air Consumption [ l/min ]			Noise dB(A)
	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	
WS 8	20520	29100	34260	101	203	281	85	150	200	75-84
WS 10	19920	27300	32760	163	307	442	90	150	205	70-76
WS 13	11700	17520	20760	219	491	689	98	165	230	76-88
WS 16	9300	14160	17700	231	537	838	115	195	270	77-90
WS 20	7680	11100	13020	460	961	1322	135	238	350	80-92
WS 25	6900	9900	12000	637	1311	1926	155	280	420	80-95
WS 30	5820	8100	9900	1014	1964	2935	210	385	580	83-94
WS 36	5520	7920	9600	1289	2654	3899	250	480	680	85-97



# ROLLER SERIES VVR

Our roller pneumatic vibrators series features five sizes of devices to accommodate all the possible requirements in the Industry. Precisely machined to achieve the highest longevity, effectiveness and sound efficiency.



**VibroNord**  
Pneumatic Industrial Vibrators

## Features



- High frequency
- High force
- Resistant to extreme working conditions

## Applications



- Emptying of hoppers and chutes
- Preventing adhesions in pipelines and silos
- Transporting of fine powders
- Compacting of plastic and concrete
- Conveying

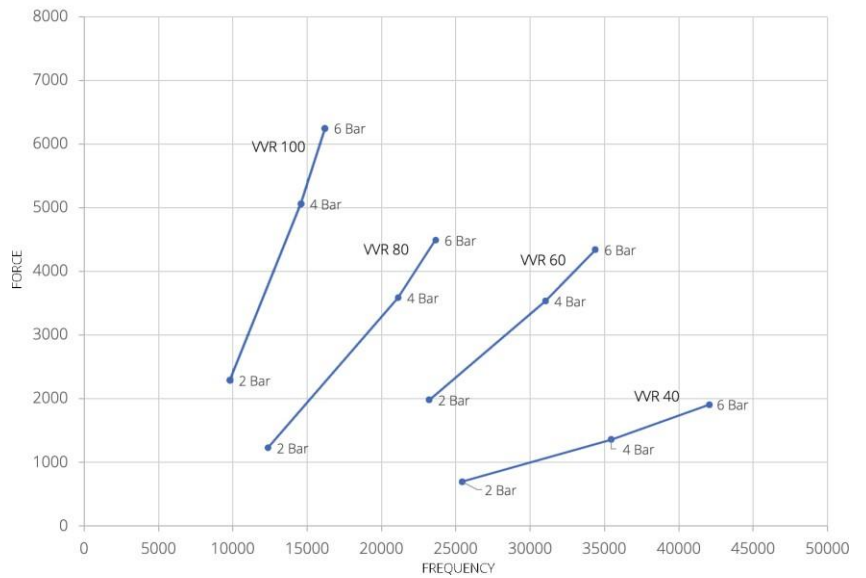
## Need some help? Ask our Experts!

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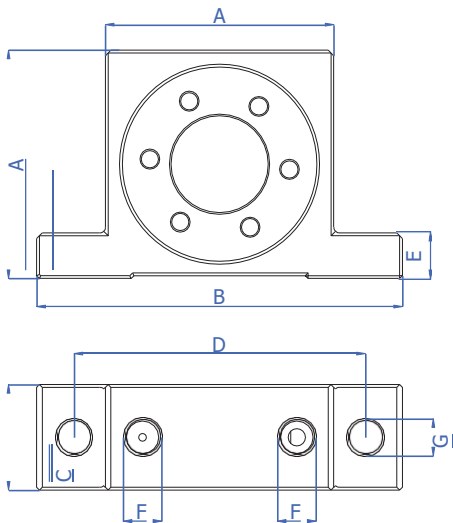
# ROLLER SERIES VVR

Our roller vibrator series grants a solution for medium-long term and heavy duty applications. Our extremely refined machining and assembly procedures, combined with top quality materials as bronze, deliver an extraordinary longevity. A Roller produce a planar vibration with superior force and frequency compared to other technologies. The resulting force and frequency of vibration are a result of the air pressure.

PNEUMATIC ROLLERS VIBRATORS VVR



DATA	Vibrations per minute [ rpm ]			Centrifugal Force [ N ]			Air Consumption [ l/min ]			Noise dB(A)
	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	
VVR 40	25440	35460	42060	698	1356	1908	80	145	210	76-88
VVR 60	23220	31020	34380	1980	3533	4340	105	200	290	78-91
VVR 80	12360	21120	23640	1227	3584	4490	130	255	365	78-96
VVR 100	9800	14580	16200	2286	5060	6247	140	280	395	80-99
VVR 120	6500	10070	13020	4920	7021	9542	160	340	570	80-99



DIMENSION	A [ mm ]	B [ mm ]	C [ mm ]	D [ mm ]	E [ mm ]	F	G [ mm ]	WEIGHT [ kg ]
VVR 40	50	86	29	68	12	G 1/8	7	0,4
VVR 60	65	113	34	90	16	G 1/4	9	0,7
VVR 80	80	128	37	104	16	G 1/4	11	1,2
VVR 100	100	160	48	130	20	G 3/8	13	2,3
VVR 120	120	190	59	152	22	G 3/8	16	3,6

## Requirements



- Lubricated and filtered ( $\leq 5\mu\text{m}$ ) air is required
- Operating pressure : from 2 to 6 Bar
- Operating ambient temperature: -20°C to 100 °C

# IMPACT SERIES VPB

Our impact vibrators lineup features three device of different sizes to accommodate all the needs in the industry. Available both in galvanized and light blue.



**VibroNord**  
Pneumatic Industrial Vibrators

## Features



- Light design
- Durability
- Available with noise reduction plate

## Applications



- Food Industry
- Preventing adhesion in silos
- Knocking material off
- Exciting objects when different positioning or orientation is needed

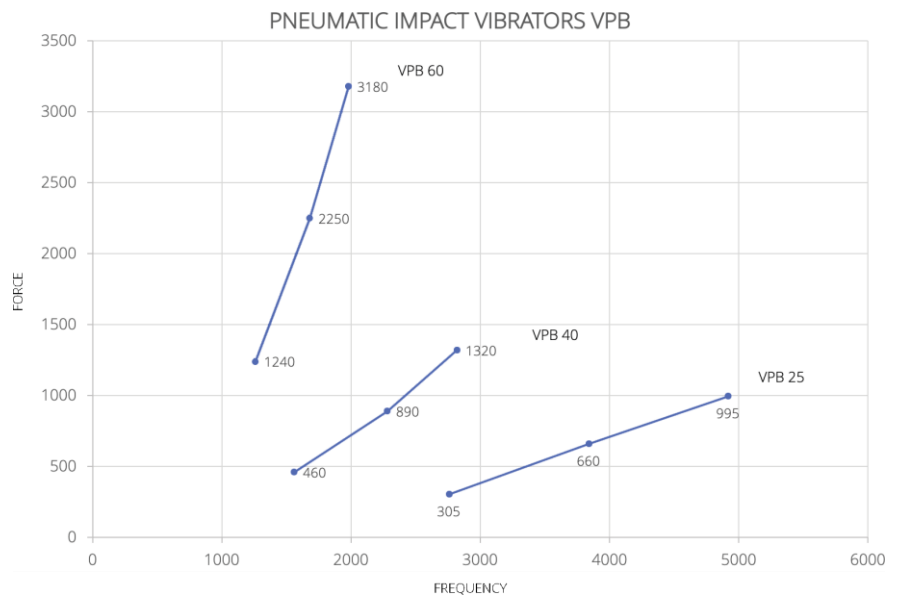
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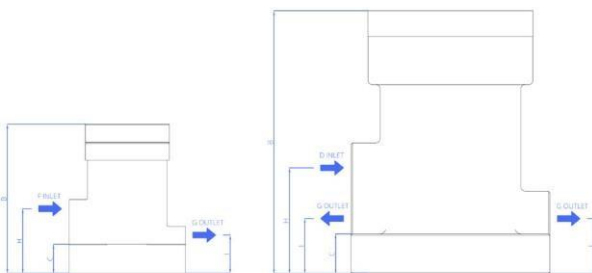


# IMPACT SERIES VPB

A steel hardened piston excites the surface on which it impacts on. Our refined machining process ensure a long lasting industrial devices, used in a broad field of application, from food delivering to vision and industry 4.0 automation devices.



DIMENSION	Figure	A [ mm ]	B [ mm ]	C [ mm ]	D	E	F IN	G OUT	H	I	L [ mm ]	WEIGHT [ kg ]
VPB 25	1	59	105	20	59	80	G 1/4	G 1/4	40	20	M8	2,2
VPB 40	1	79	135	25	75	100	G 3/8	G 3/8	55	23	M10	4,8
VPB 60	2	116	185	29	99	140	G 1/2	G 1/2	74	41	M12	10,8



DATA	Vibrations per minute [ rpm ]			Force [ N ]		
	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar
VPB 25	2760	3840	4920	305	660	995
VPB 40	1560	2280	2820	460	890	1320
VPB 60	1260	1680	1980	1240	2250	3180

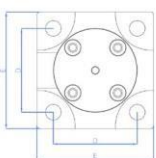


Fig.1

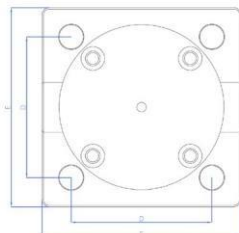


Fig.2

## Requirements



- Lubricated and filtered ( $\leq 5\mu\text{m}$ ) air is required
- Operating pressure : from 2 to 6 Bar
- Operating ambient temperature:  $-20^{\circ}\text{C}$  to  $100^{\circ}\text{C}$

# LINEAR SERIES VPI

Our best-in-class linear vibrators lineup features four devices able to deliver uni-directional excitation at a very low noise level. Ideal solution for conveyors, test benches or installation in tight spaces thanks to their compact shape.



**Vibronord**  
Pneumatic Industrial Vibrators

## Features



- Extremely Quiet
- Unidirectional excitation
- Resistant to extreme ambient conditions

## Applications



- Compacting bulk materials
- Filling aid
- Mechanical processes excitations
- Moving material on conveyors

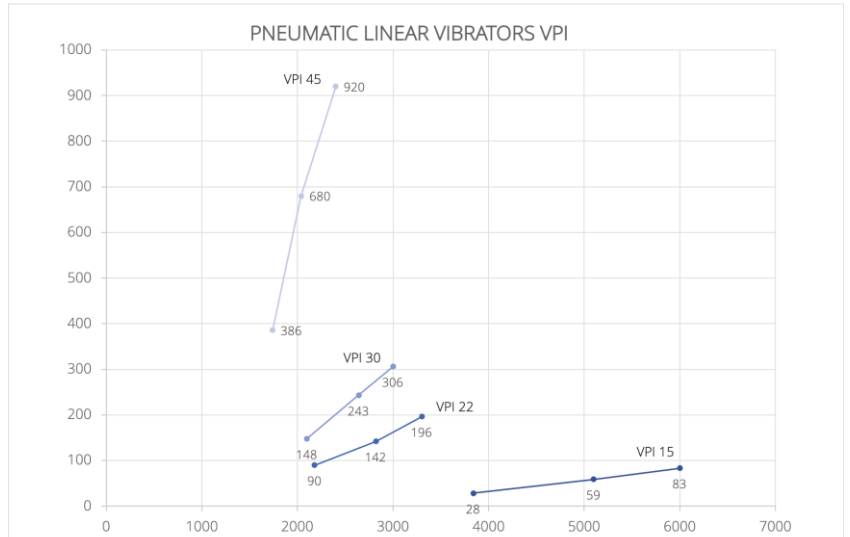
## Need some help? Ask our Experts!



We support our customers in matching the right product to the right application, send us an email for support or to receive a dedicated quotation!

# LINEAR SERIES VPI

Our latest and constantly updated lineup of linear vibrators has now reached its best design ever combining extremely low noise level to a compact and simple design. Machined at the highest level of technology to ensure best-in-class longevity.



DATA	Vibrations per minute [rpm]			Force [N]			Air Consumption [l/min]			Noise dB(A)
	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	
VPI 15	3840	5100	6000	28	59	83	10	15	20	70-76
VPI 22	2180	2820	3300	90	142	196	35	50	75	70-76
VPI 30	2100	2640	3000	148	243	306	50	95	140	70-76
VPI 45	1740	2040	2400	386	680	920	60	135	200	70-76
VPI 60	2400	2700	3300	400	750	1450	70	160	250	70-77

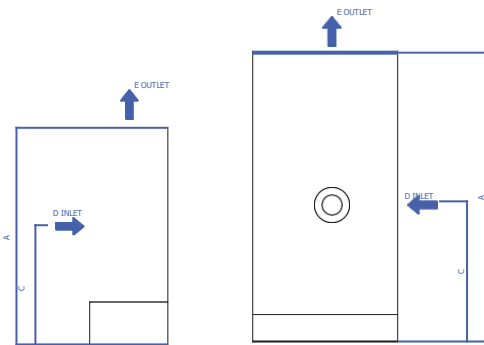


Fig.1

DIMENSION	Figure	A [mm]	B [mm]	C [mm]	D	E	F	G	H	WEIGHT [kg]
VPI 15	1	85	38	42	G 1/8	G 1/8			M8	0,4
VPI 22	1	125	45	65	G 1/8	G 1/8			M10	0,7
VPI 30	1	135	60	70	G 1/4	G 1/4			M12	1,2
VPI 45	2	167	80	81	G 1/4	G 3/8	90	72	8,5	2,3
VPI 60	2	202	95	98	G 3/8	G 3/8	110x100	88x78	11	5,2

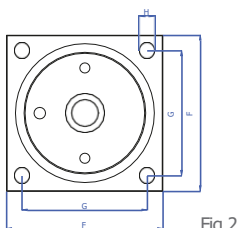


Fig.2

## Requirements



- Lubricated and filtered ( $\leq 5\mu\text{m}$ ) air is required
- Operating pressure : from 2 to 6 Bar
- Operating ambient temperature:  $-20^{\circ}\text{C}$  to  $100^{\circ}\text{C}$

# LINEAR SERIES VPE

Our best-in-class linear vibrators lineup features five devices able to deliver uni-directional excitation through a steel tempered piston that is able to move and excite the body to which it is attached. Ultra-low noise levels and long lifespan are what makes them superior on the market.



**VibroNord**  
Pneumatic Industrial Vibrators

## Features



- Extremely Quiet
- Unidirectional excitation
- Resistant to extreme ambient conditions

## Applications



- Compacting bulk materials
- Filling aid
- Mechanical processes excitations
- Moving material on conveyors

## Need some help? Ask our Experts!



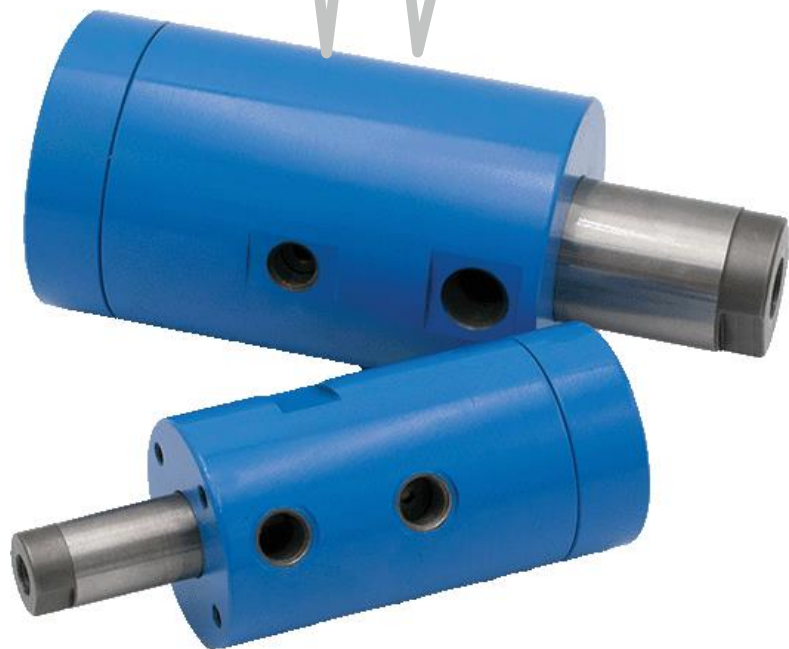
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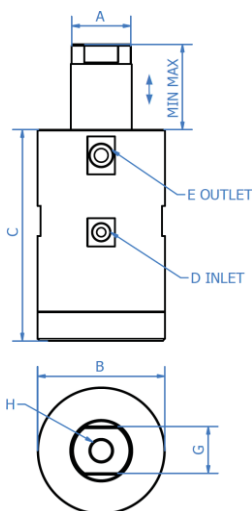
# LINEAR SERIES

## VPE

External piston vibrators, or vibro-actuators, are composed by a piston that slides in a cylinder, or 'body' and exits in open air, where a container or slide can be attached. Masses can be also attached to the piston, to adjust the vibrating force or frequency.



DATA	Vibrations per minute [ rpm ]			Force [ N ]			Air Consumption [ l/min ]			Noise dB(A)
	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2-6 Bar
VPE 15	2348,4	2595,6	2904,6	77,3	95,3	119,5	21	39	69	70-76
VPE 22	1934,4	2121,6	2308,8	112,3	135,2	187,2	33	62	109	70-76
VPE 40	1407,6	1591,2	1774,8	265,2	338,6	420,2	82	194	326	70-76
VPE 55	1440,1	1926	2409,8	452	713,4	893,8	103	284	416	70-76
VPE 85	1696,8	1999,8	2302,8	2151,3	2999,7	3969,3	242	394	586	70-77



DIMENSION	A [ mm ]	B [ mm ]	C [ mm ]	D	E	MIN [ mm ]	MAX [ mm ]	G [ mm ]	H	WEIGHT [ kg ]
VPE 15	15	49	115	G 1/8	G 1/8	7	41	14	M10	1,4
VPE 22	22	64	115	G 1/4	G 1/4	10	45	19	M10	2,2
VPE 40	40	84	140	G 1/4	G 3/8	13	57	32	M16	5,8
VPE 55	55	115	127	G 3/8	G 3/8	20	58	46	M20	8
VPE 85	85	158	120	G 3/8	G 3/8	22	52	7	M20	16

### Requirements



- Lubricated and filtered ( $\leq 5\mu\text{m}$ ) air is required
- Operating pressure : from 2 to 6 Bar
- Operating ambient temperature: -20°C to 100 °C

# STAINLESS STEEL SERIES VTI

Our lineup of Stainless Steel Turbine Vibrators made of AISI 316L has been developed to respond to the demand of the sectors where it is needed to move items in sterile environments or when machineries are subject to frequent washings and cleanings. The lineup is composed by four models to address the requirement of different size of machinery and material to move. From few grams to hundreds of kgs. They work extremely quietly and with dry air



**VibroNord**  
Pneumatic Industrial Vibrators

## Features

- High frequency
- Extreme durability and resistance to corrosive environments
- Compact and low noise

## Applications

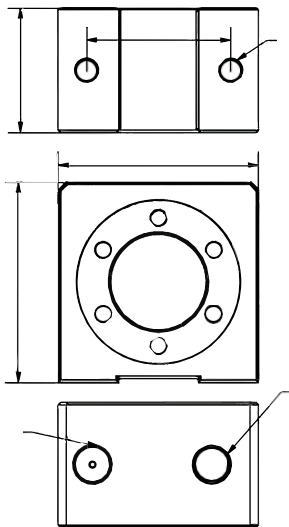
- Food Industry - Pharmaceutical - Automation
- Prevention of adhesion to walls and surfaces
- Fine powders, pills and discrete items movement
- Compacting of grains and powders

## Need Help? Ask our experts!

We support our customers in matching the right product to the right application, send us an email for support or to receive a dedicated quotation!

# STAINLESS STEEL SERIES VTI

Our Vibrators are made of first choice material and entirely in Italy. They are best in Pharmaceutical and Food and Chemical industry as they do not interact with the surrounding environment. In case of difficulty in choosing the correct model, contact our expert to get a custom suggestion for your plant.



DIMENSION	A	B	C	D	E	WEIGHT [ kg ]
	[ mm ]	[ mm ]	[ mm ]		[ mm ]	
VTI 10	50	31	36	G 1/8	M6	0,5
VTI 16	65	39	48	G 1/4	M8	1,2
VTI 25	80	50	60	G 1/4	M10	2,1
VTI 36	100	70	78	G 3/8	M12	3

## Requirements

- Non Lubricated and filtered ( $\leq 5\mu\text{m}$ ) air is required
- Operating pressure : from 2 to 6 Bar
- Operating ambient temperature:  $-20^{\circ}\text{C}$  to  $100^{\circ}\text{C}$

DATA	Vibrations per minute [ rpm ]			Force [ N ]			Consumption [ l/min ]			Noise dB(A)
	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	
VTI 10	23280	29700	33900	686	1116	1454	50	85	120	71-75
VTI 16	15280	18840	21300	1124	1708	2183	130	200	295	73-79
VTI 25	11400	14820	16860	1836	3103	4016	190	320	450	76-82
VTI 36	8120	10200	12860	3367	5312	8445	340	545	780	76-85



# GUMMI & MASKINTEKNIKK

Vi er et selskap med høy kompetanse etter 42 år i bransjen. Vårt serviceteam står klar til å rykke ut med fullt utrustet service biler for å bistå ved utfordringer i driften.

Vi utfører service og vedlikehold.  
Monterer skrapet, transportbånd og bistår med igangkjøring. Overhaling av trommelmotorer  
24 timers vakttelefon med utrykning.

## ING. GUMMI & MASKINTEKNIKK AS

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7047 Trondheim

24 TIMERS VAKTTELEFON:

**73 84 99 40**

