

FAL Series Linear Vibrator

Feature:

- Low operating cost, small lubrication
- Low noise level
- Adjustable frequency and amplitude(Adjust air pressure)
- Max. working temperature: 150°C
- 200°C can be customized
- Can be used in terrible enviroment



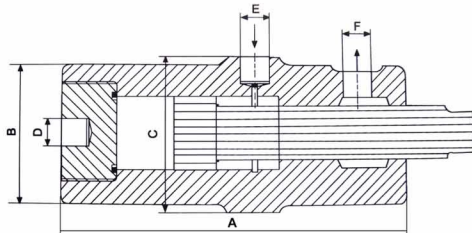
Structure:

The aluminium body is hard coated and is corrosion resistant. Leadred bronze piston. With special lubricating grease. The outside piston rod of body will vibrate along with the piston. Long working life time. & can be used for different situation.

Specification:

Model	Frequency V.P.M X1000		Measured centrifugal force (N)		Air Consumption (L/min)		A	C	D	E	F
	2Bar	6Bar	2Bar	6Bar	2Bar	6Bar	mm	mm	thread	Inlet	Outlet
FAL-8	2.05	3.40	12.00	42	8	30	91	23	M6	M5	M5
FAL-18	1.42	2.25	60.00	205	20	60	117	50	M10	1/8"	1/8"
FAL-25	1.13	2.02	120.00	530	40	155	139	65	M16	1/4"	1/4"
FAL-35	1.24	2.01	205.00	655	75	350	140	88	M16	1/4"	1/4"

Data obtained with a Kistler 3-axis dynamometer on a heavy laboratory test block and displayed by Kistler control monitor (COMO). Frequency and force will decrease on a less rigid mount. Specifications subject to change without notice or obligation.



FP-U series Pneumatic Vibrator special for pipeline

Feature:

- Strong vibration, small lubrication
- Low noise level
- Adjustable frequency and amplitude(Adjust air pressure)
- Max. working temperature: 150°C
- 200°C can be customized
- Can be used in terrible enviroment



Structure:

The aluminium body is hard coated and is corrosion resistant.

With special lubricating grease. Long working life time. & can be used for different situation.

Specification:

Model	Measured centrifugal force (N)	Impact times(NZ)	Suitable for pipeline (diameter)	Air Consumption (L/min)
FP-50-U	15-1000	45-120	60-120	0.5-1.1
FP-65-U	25-2200	35-88	120-220	1.2-1.7
FP-95-U	35-4500	25-60	220-500	2.2-3.3



NTP series Pneumatic Piston Vibrator

Feature:

Explosion-proof:

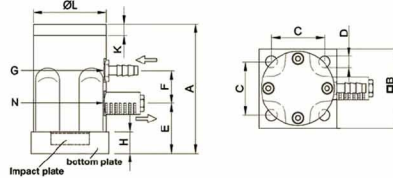
- Strong impact & low pressure
- Low air consumption
- Full adjustable PTR
- No lubrication
- Working pressure for the 2-7bar
- High Efficiency

Selection:

- NTP25 - applies to below 4mm thickness
 NTP32 - applies to below 6mm thickness
 NTP48 - applies to below 8mm thickness

Specification:

Type	Nominal Frequency (min-1)			Centrifugal Force (N)			Air Consumption (L/min)
	2bar	4bar	6bar	2bar	4bar	6bar	
NTP25	5,848	7,000	8,784	269	438	630	33-108
NTP32	2,959	4,080	5,040	289	607	926	50-198
NTP48	2,618	3,456	4,320	782	1305	2039	96-336



Dimension:

Type	A (mm)	B (mm)	C (mm)	φD (mm)	E (mm)	F (mm)	G	H (mm)	K (mm)	φL (mm)	N	Weight (kg)
NTP25	90	60	46	6.5	36	14.5	G1/8	15	8	51	G1/8	0.9
NTP32	140	75	51	11	48	32	G1/4	20	10	70	G1/4	1.82
NTP48	194	100	78	13	60	51	G3/8	25	15	95	G3/8	4.85

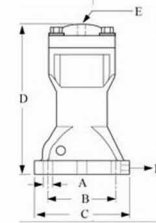
SK series Impact Air Hammer

Feature:

Air Hammer, also known as air percussion hammer, the force of impact is characterized by large, simple structure, easy to use. Powder materials can be an effective solution to sticky wall, hanging materials, blockage, bridges and so on. The impact force, noise, a variety of models to choose from. Impact and action time can be controlled, easy installation. In explosion-proof, multi-dust, humidity and other environment. Widely used in fertilizer, chemical, food, medical care, pesticides, glass, cement and other industries. Aluminum structure, high intensity, stand-alone type / intensity of the impact of large, light weight, adjustable shock interval.

No lubrication, can protect environment.

During operation, it don't need to add any lubrication. Therefore, there is no any leakage problem and suitable for factory work environment.



Dimension:

Model	Dimension						Parameters		
	A	B	C	D	E	F	pressure Kg/cm ²	Air consumption	Impact (kgm/sec.)
SK-30	9	67	82	135	1/4" PT	1/8" PT	3~7	0.028L	~0.75
SK-40	11	77	98	175	1/4" PT	1/8" PT	3~7	0.028L	~2.2
SK-60	12.5	110	143	220	1/4" PT	1/4" PT	3~7	0.028L	~7.4
SK-80	17	140	170	275	3/8" PT	3/8" PT	4~6	0.455L	~16.4
SK-100	17	150	195	310	3/8" PT	3/8" PT	5~7	1.012L	~30
SK-30LP	9	67	82	135	1/4" PT	1/8" PT	3~7	0.028L	~1.1
SK-40LP	11	77	98	175	1/4" PT	1/8" PT	3~7	0.028L	~3.3
SK-60LP	12.5	110	143	220	1/4" PT	1/4" PT	3~7	0.028L	~11.1
SK-80LP	17	140	170	275	3/8" PT	3/8" PT	4~6	0.455L	~24.6
SK-100LP	17	150	195	310	3/8" PT	3/8" PT	5~7	1.012L	~45

Warning: Pneumatic vibrators will do destructions to equipment, if the vibration force is over power, please adjust to the proper air pressure.

R series Pneumatic Roller Vibrator

Feature:

Maximum temperature 140°C=280°F

Noise level range 75~100dBA

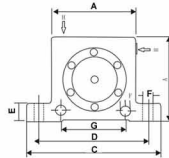
These compact pneumatic vibrators are simple in design and yet capable of delivering very high centrifugal forces.

The body is machined from an extruded aluminium section, inside of which a precision steel roller rotates, it is retained by two special high impact plastic end plates. For easy mounting, the body has four holes, two horizontal and two vertical.

Air is introduced through one of two inlet ports drilled at right angles to each other in the body. These inlet ports are tapped with a standard pipe thread and a pipe plug is provided for sealing the one not used. The air is exhausted through the special high impact plastic end plates whose design incorporates an air silencer.

Model	Frequency V.P.M. x 1000			Centrifugal force*								Air consumption / Minute							
	2	4	6	2	29	4	58	6	87	2	29	4	58	6	87	2	29	4	58
	Bar	Bar	Bar	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI
	29	58	87	N	LBS	N	LBS	N	LBS	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF
R-50	25	35	36	1.07	240	2.92	657	4.22	950	100	3.5	145	5.1	195	6.9				
R-65	19	21	26	2.73	614	4.83	1,089	6.12	1,377	200	7	300	10.6	400	14.1				
R-80	15.5	18.5	19	3	675	6.09	1,37	7.45	1,676	290	10.2	430	15.2	570	20.1				
R-100	11	14	16	3.75	844	6.75	1,519	8.9	2,003	370	13	550	19.4	730	25.8				
R-120	10	11.5	12.5	8	1.8	10	2.25	12.5	2,812	500	17.6	730	25.8	970	34.2				

* Data obtained with a Kistler 3-axis dynamometer on a heavy laboratory test block and displayed by Kistler control monitor (COMO). Frequency and force will decrease on a less rigid mount. Specifications subject to change without notice or obligation.



Dimension:

Model	A		Width		C		D		E		F		G		thread	Weight kg
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		
R-50	50	1.97	29	1.14	86	3.38	68	2.68	12	0.47	7	0.27	40	1.57	G1/8"	0.24
R-65	65	2.56	37	1.46	113	4.45	90	3.54	16	0.63	9	0.35	50	1.97	G1/4"	0.545
R-80	80	3.15	43	1.69	128	5.04	104	4.09	16	0.63	9	0.35	60	2.36	G1/4"	0.95
R-100	100	3.94	52	2.05	160	6.3	130	5.12	20	0.79	11	0.43	80	3.15	G3/8"	1.81
R-120	120	4.72	77	3.03	194	7.64	152	5.99	24	0.94	17	0.67	no lateral hole		G3/8"	4.26

FP series Pneumatic Piston Vibrator

Feature:

Maximum temperature 100°C=220°F; Maximum pressure 6 Bar 87 PSI

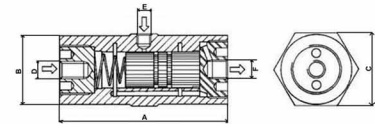
The FP-series pneumatic piston vibrators produce a linear vibration with an infinitely variable amplitude and frequency. The frequency is controlled by the air pressure.

A spring is used in the vibrator body to aid starting. Minimum operating pressure 2 Bar (29 P.S.I.).

The aluminium body is hard coated and is corrosion resistant. The power-to-weight ratio of the unit makes it particularly efficient for feeder applications. Explosion proof, light weight, compact, quiet and efficient, these units are ideal for most applications. Easy to install and designed to work continuously under the most arduous conditions. Servicing requirements are minimal.

Model	Frequency V.P.M			Measured centrifugal force						Air consumption / min					
	2Bar	4Bar	6Bar	2Bar=29PSI	4Bar=58PSI	6Bar=87PSI	2Bar=29PSI	4Bar=58PSI	6Bar=87PSI	2Bar=29PSI	4Bar=58PSI	6Bar=87PSI	2Bar=29PSI	4Bar=58PSI	6Bar=87PSI
	N	LBS	N	LBS	N	LBS	N	LBS	N	LBS	N	LBS	N	LBS	N
	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.
FP-12-M	5.100	6.100	6.750	35	7.8	59	15	75	18	0.6	0.02	5	0.15	18	0.68
FP-18-M	4.100	5.100	5.950	69	16	135	35	189	45	4.2	0.15	29	1.1	55	1.85
FP-25-M	3.100	3.850	4.250	145	35	365	85	505	115	24	0.85	55	1.78	88	3.17
FP-35-M	3.100	4.100	4.650	250	58	779	175	1,090	245	25	0.88	85	2.95	145	4.88

Data obtained with a Kistler 3-axis dynamometer on a heavy laboratory test block and displayed by Kistler control monitor (COMO). Frequency and force will decrease on a less rigid mount. Specifications subject to change without notice or obligation.



Dimension:

Model	A		B		C		D		E*		F*	
	mm	inch	mm	inch	mm	inch	Thread	Port Size	Port Size	Port Size	Port Size	Port Size
FP-12-M	81	3.19	31	1.22	34	1.34	M8	G1/8"	G1/8"			
FP-18-M	94	3.70	40	1.57	42	1.65	M10	G1/8"	G1/8"			
FP-25-M	116	4.57	48	1.89	50	1.97	M12	G1/8"	G1/8"			
FP-35-M	116	4.57	58	2.28	65	5.56	M12	G1/4"	G1/4"			

K series Pneumatic Ball Vibrator

Feature :

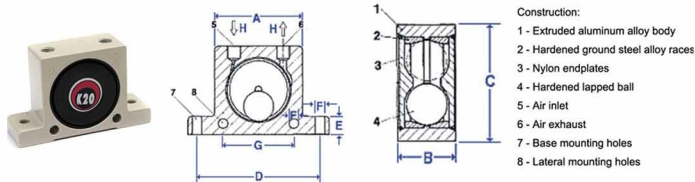
Maximum temperature 100°C=220°F

Noise level range 75 to 95dBa

Manufactured with a rustproof extruded aluminium body fitted with hardened steel races on which a steel ball rotates. Nylon end caps are located on either side to contain the ball and prevent the entry of dust and water, thus allowing the unit to be used in dusty or wet environments. Inlet and outlet ports have standard pipe threads, allowing the exhaust air to be piped away, ensuring that no restriction is when exhaust. Four mounting holes are provided, two vertical and two horizontal for handling difficult mounting positions.

Model	Frequency V.P.M. x 1000				Centrifugal force*								Air consumption / Minute							
	2 Bar	4 Bar	6 Bar	8 Bar	2 Bar	29 PSI	4 Bar	58 PSI	6 Bar	87 PSI	6 Bar	87 PSI	2 Bar	29 PSI	4 Bar	58 PSI	6 Bar	87 PSI	2 Bar	87 PSI
	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF
K-8	25.5	31	35	130	29	260	58	360	81	83	2.9	145	5.1	195	6.9					
K-10	22.5	28	34	250	26	470	106	710	160	92	3.2	150	5.3	200	7.1					
K-13	15	18.5	22.5	320	72	550	124	870	196	94	3.3	158	5.6	225	7.9					
K-16	13	17	19.5	450	101	800	180	1.1	248	122	4.3	200	7.1	280	9.9					
K-20	10.5	14.5	16.5	720	162	1.22	275	1.72	387	130	4.6	230	8.1	340	12					
K-25	9.2	12.2	14	930	209	1.57	353	2.05	461	160	5.6	290	10.2	425	15					
K-30	7.8	9.7	12.5	1.51	340	2.47	556	3.21	722	215	7.6	375	13.2	570	20					
K-36	7.3	9	10	2.06	464	3.15	709	4.05	911	260	9.2	475	16.8	675	24					

* Data obtained with a Kistler 3axis dynamometer on a heavy laboratory test block and displayed by Kistler control monitor (COMO). Frequency and force will decrease on a less rigid mount. Specifications subject to change without notice or obligation.



Dimension:

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Thread	kg
K-8	50	20	86	68	12	7	40	G1/4"	0.130
K-10	50	20	86	68	12	7	40	G1/4"	0.130
K-13	65	24	113	90	16	9	50	G1/4"	0.26
K-16	65	27	113	90	16	9	50	G1/4"	0.300
K-20	80	33	128	104	16	9	60	G1/4"	0.53
K-25	80	38	128	104	16	9	60	G1/4"	0.630
K-30	100	44	160	130	20	11	80	G3/8"	1.13
K-36	100	50	160	130	20	11	80	G3/8"	1.340

GT series Pneumatic Turbine Vibrator

Feature:

No lubrication only clean air is required;

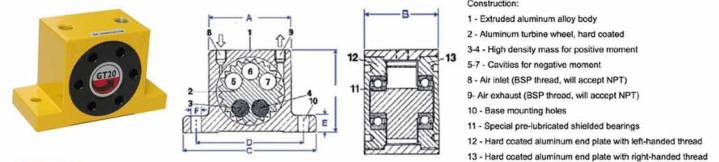
Maximum temperature 120°C =250°F; Noise level range 60 ~75 dBA,very quiet

GT series vibration is produced by the central force of the positive and negative unbalanced moments in the rotor. The rotor is supported on two heavy duty, prelubricated, matched shielded ball bearings. A special long life grease ensures a long working life.

The inner and outer raceways of the bearings are designed so that the bearings can be easily replaced using only a pin-wrench. The endplates are fitted with right- and left-hand threads and are self-locking.

Model	Frequency V.P.M. x 1000				Centrifugal force								Air consumption L/ Minute							
	2 Bar	4 Bar	6 Bar	8 Bar	2 Bar	29 PSI	4 Bar	58 PSI	6 Bar	87 PSI	6 Bar	87 PSI	2 Bar	29 PSI	4 Bar	58 PSI	6 Bar	87 PSI	2 Bar	87 PSI
	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF	Ltr.	CF
GT-8	36	42	46	990	223	2060	464	2910	655				46	1.6	80	2.8	112	3.9		
GT-10	27.5	35	37.5	840	189	1390	313	2400	540											
GT-13	26	30	33	1400	315	2440	549	3730	839				120	4.2	200	7	290	10.2		
GT-16	17	21.5	24	1220	275	2090	470	3160	711											
GT20	17	20	23	2170	488	4040	909	5520	1242				185	6.5	325	11.4	455	15.9		
GT-25	12	15.5	17	2120	477	3510	790	5070	1140											
GT30	13	14	16	3380	760	5430	1222	7540	1696				330	11.5	530	18.5	745	26		
GT-36	8	10	13	3290	740	5360	1206	7190	1618											
GT40	7.7	8.8	9.5	4300	968	7300	1642	9800	2205				425	15	700	24.6	970	34.2		
GT-48	6	7.5	9.7	4900	1102	7700	1732	10500	2363											

* Data obtained with a Kistler 3axis dynamometer on a heavy laboratory test block and displayed by Kistler control monitor (COMO). Frequency and force will decrease on a less rigid mount. Specifications subject to change without notice or obligation.



Dimension:

Model	A		B		C		D		E		F		Thread	Weight kg
	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches		
GT-8	50	1.97	33	1.3	86	3.38	68	2.68	12	0.47	7	0.27	G1/8"	0.25
GT-10	50	1.97	33	1.3	86	3.38	68	2.68	12	0.47	7	0.27	G1/8"	0.255
GT-13	65	2.56	42	1.65	113	4.45	90	3.54	16	0.63	9	0.35	G1/4"	0.565
GT-16	65	2.56	42	1.65	113	4.45	90	3.54	16	0.63	9	0.35	G1/4"	0.58
GT20	80	3.15	56	2.2	128	5.04	104	4.09	16	0.63	9	0.35	G1/4"	1.09
GT-25	80	3.15	56	2.2	128	5.04	104	4.09	16	0.63	9	0.35	G1/4"	1.12
GT30	100	3.94	73	2.87	160	6.3	130	5.12	20	0.79	11	0.43	G3/8"	2.2
GT-36	100	3.94	73	2.87	160	6.3	130	5.12	20	0.79	11	0.43	G3/8"	2.2
GT40	120	4.72	83	3.26	194	7.64	152	5.99	24	0.94	17	0.67	G3/8"	3.69
GT-48	120	4.72	83	3.26	194	7.64	152	5.99	24	0.94	17	0.67	G3/8"	3.89