



Features

1. Lubrication-free
2. Low noise level
3. Strong vibration by high speed and excentric working torques
4. Rated frequency 6000-46000 rpm
5. Centrifugal force 130-12000 N
6. Continuously variable
7. Applicable up to 120°C, HT version on request
8. Resistant against extreme environmental conditions
9. Also available with ATEX certification

Structure

1. Vibration by the centrifugal force of positive and negative imbalanced torques in the rotor.
2. Rotor on two pre-lubricated and enclosed ball bearings arranged in pairs.
Lubricated with special grease for long life.

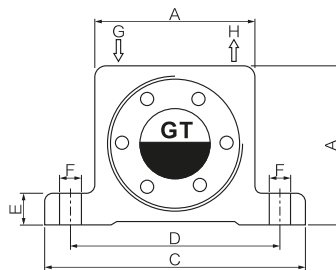
Application

1. Emptying of bunkers
2. Screen filters
3. Vibrating tables
4. Preventing adhesions in pipelines and silos
5. Transporting of fine powders
6. Moving of bulk solids

Specifications

Model	Frequency(V.P.M)			Centrifugal force measured						Air consumption/Minute					
	2 Bar	4 Bar	6 Bar	2 Bar = 29 PSI		4 Bar = 58 PSI		6 Bar = 87 PSI		2 Bar = 29 PSI		4 Bar = 58 PSI		6 Bar = 87 PSI	
	29 PSI	58 PSI	87 PSI	N	LBS	N	LBS	N	LBS	Ltr.	CF	Ltr.	CF	Ltr.	CF
GT-8	36.000	42.000	46.000	990	223	2.060	464	2.910	655	46	1.6	80	2.8	112	3.9
GT-10	27.500	35.000	37.500	840	189	1.390	313	2.400	540						
GT-10-S	17.000	23.000	25.000	650	146	1.350	304	1.950	439						
GT-13	26.000	30.000	33.000	1.400	315	2.440	549	3.730	839	120	4.2	200	7.0	290	10.2
GT-16	17.000	21.500	24.000	1.220	275	2.090	470	3.160	711						
GT-16-S	11.500	15.500	17.000	1.100	248	1.900	428	2.700	608						
GT-20	17.000	20.000	23.000	2.170	488	4.040	909	5.520	1.242	185	6.5	325	11.4	455	15.9
GT-25	12.000	15.500	17.000	2.120	477	3.510	790	5.070	1.140						
GT-25-S	8.500	11.000	13.000	2.250	506	3.600	810	4.900	1.102						
GT-30	13.000	14.000	16.000	3.380	760	5.430	1.222	7.540	1.696	330	11.5	530	18.5	745	26.0
GT-36	8.000	10.000	13.000	3.290	740	5.360	1.206	7.190	1.618						
GT-36-S	6.100	7.200	8.300	4.100	922	6.200	1.395	7.500	1.688						
GT-40	7.700	8.800	9.500	4.300	968	7.300	1.642	9.800	2.205	425	15.0	700	24.6	970	34.2
GT-48	6.000	7.500	9.700	4.900	1.102	7.700	1.732	10.500	2.363						
GT-48-S	0.0	5.600	6.300	0.0	0.0	7.500	1.688	12.000	2.700						

Dimensions



*will accept NPT

Model	A		Width		C		D		E		F		G/H* Thread BSP	Weight	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		kg	Lbs
GT-8	50	1.97	33	1.30	86	3.38	68	2.68	12	0.47	7	0.27	1/4"	.250	.55
GT-10														.255	.56
GT-10-S														.263	.58
GT-13	65	2.56	42	1.65	113	4.45	90	3.54	16	0.63	9	0.35	1/4"	.565	1.24
GT-16														.580	1.28
GT-16-S														.614	1.35
GT-20	80	3.15	56	2.20	128	5.04	104	4.09	16	0.63	9	0.35	1/4"	1.090	2.40
GT-25														1.120	2.46
GT-25-S														1.200	2.64
GT-30	100	3.94	73	2.87	160	6.30	130	5.12	20	0.79	11	0.43	3/8"	2.200	4.85
GT-36														2.300	5.10
GT-36-S														2.530	5.57
GT-40	120	4.72	83	3.26	194	7.64	152	5.99	24	0.94	17	0.67	3/8"	3.690	8.13
GT-48														3.890	8.57
GT-48-S														4.290	9.45

Valve

2P
2V
2W
2W(Big)
2WB
2WBF
US(2L)
DG223
DG523
0927/0955
PU220
PU225
VX
QX
PT
Q24 ³ / ₈ H
K23J ³ / ₈
K25J ³ / ₈
K25 ³ / ₈ H
K35 ³ / ₈ H
K23JD
K25JD
K25JK
PV100
PV200
PV300
PV400
PV500
PV700
PV800
PV1527
PVN
MV100
MV200
NAA
GT
K
R
FAL
FP-M
NTP
SX

Valve

2P
2V
2W
2W(Big)
2WB
2WBF
US(2L)
DG223
DG523
0927/0955
PU220
PU225
VX
QX
PT
Q24H
K23J
K25J
K25H
K35H
K23JD
K25JD
K25JK
PV100
PV200
PV300
PV400
PV500
PV700
PV800
PV1527
PVN
MV100
MV200
NAA
GT
K
R
FAL
FP-M
NTP
SX



Features

1. Powerful
2. Rated frequency 7300-35000 rpm
3. Centrifugal force 130-4050 N
4. Continuously variable
5. Applicable up to 100°C
6. HT version up to 150°C on request
7. Also available with ATEX certification

Application

1. Emptying of bunkers
2. Screen filters
3. Vibrating tables
4. Preventing adhesions in pipelines and silos
5. Moving of bulk solids

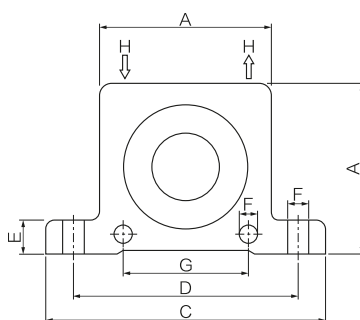
Structure

1. Vibration due to rotating ball running on hardened, ground steel guides.
2. Nylon plates on both sides to support the ball and as protection against dust and water.
3. Housing with 4 mounting bores.

Specifications

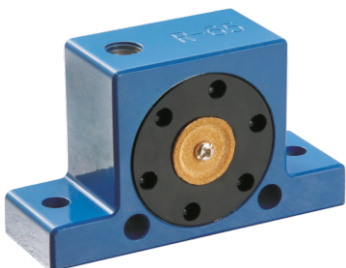
Model	Frequency(V.P.M)			Centrifugal force measured						Air consumption/Minute					
	2 Bar	4 Bar	6 Bar	2 Bar = 29 PSI		4 Bar = 58 PSI		6 Bar = 87 PSI		2 Bar = 29 PSI		4 Bar = 58 PSI		6 Bar = 87 PSI	
	29 PSI	58 PSI	87 PSI	N	LBS	N	LBS	N	LBS	Ltr.	CF	Ltr.	CF	Ltr.	CF
K-8	25.500	31.000	35.000	130	29	260	58	360	81	83	2.9	145	5.1	195	6.9
K-10	22.500	28.000	34.000	250	56	470	106	710	160	92	3.2	150	5.3	200	7.1
K-13	15.000	18.500	22.500	320	72	550	124	870	196	94	3.3	158	5.6	225	7.9
K-16	13.000	17.000	19.500	450	101	800	180	1.100	248	122	4.3	200	7.1	280	9.9
K-20	10.500	14.500	16.500	720	162	1.220	275	1.720	387	130	4.6	230	8.1	340	12.0
K-25	9.200	12.200	14.000	930	209	1.570	353	2.050	461	160	5.6	290	10.2	425	15.0
K-32	7.800	9.700	12.500	1.510	340	2.470	556	3.210	722	215	7.6	375	13.2	570	20.0
K-36	7.300	9.000	10.000	2.060	264	3.150	709	4.050	911	260	9.2	475	16.8	675	24.0

Dimensions



*will accept NPT

Model	A		Width		C		D		E		F		G		H* Thread BSP	Weight	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		kg	Lbs
K-8	50	1.97	20	0.79	86	3.38	68	2.68	12	0.47	7	0.27	40	1.57	1/4"	.130	.29
K-10			20	0.79												.130	.29
K-13	65	2.56	24	0.94	113	4.45	90	3.54	16	0.63	9	0.35	50	1.97	1/4"	.260	.57
K-16			27	1.06												.300	.66
K-20	80	3.15	33	1.30	128	5.04	104	4.09	16	0.63	9	0.35	60	2.36	1/4"	.530	1.17
K-25			38	1.50												.630	1.39
K-32	100	3.94	44	1.73	160	6.30	130	5.12	20	0.79	11	0.43	80	3.15	3/8"	1.130	2.49
K-36			50	1.97												1.340	2.95



Features

1. High centrifugal force
2. Rated frequency 10000-36000 min-1
3. Centrifugal force 1070-12500 N
4. Continuously variable
5. Applicable up to 150°C
6. Resistant against extreme environmental conditions
7. Also available with ATEX certification

Application

1. Emptying of hoppers and chutes
2. Screen filters
3. Conveyance of small particles
4. Preventing adhesions in pipelines and silos
5. Transport of fine powders
6. Compacting of plastic and concrete in troughs

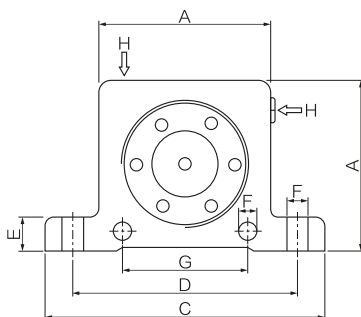
Structure

1. Vibration by a rotating precision-steel roller.
2. Shockproof synthetic caps.
3. Housing with 4 mounting bores.
4. Air feed from the top or lateral.

Specifications

Model	Frequency(V.P.M)			Centrifugal force measured						Air consumption/Minute					
	2 Bar	4 Bar	6 Bar	2 Bar = 29 PSI		4 Bar = 58 PSI		6 Bar = 87 PSI		2 Bar = 29 PSI		4 Bar = 58 PSI		6 Bar = 87 PSI	
	29 PSI	58 PSI	87 PSI	N	LBS	N	LBS	N	LBS	Ltr.	CF	Ltr.	CF	Ltr.	CF
R-50	25.000	35.000	36.000	1.070	240	2.920	657	4.220	950	100	3.5	145	5.1	195	6.9
R-65	19.000	21.000	26.000	2.730	614	4.830	1.089	6.120	1.377	200	7.0	300	10.6	400	14.1
R-80	15.500	18.500	19.000	3.000	675	6.090	1.370	7.450	1.676	290	10.2	430	15.2	570	20.1
R-100	11.000	14.000	16.000	3.750	844	6.750	1.519	8.900	2.003	370	13.0	550	19.4	730	25.8
R-120	10.000	11.500	12.500	8.000	1.800	10.000	2.250	12.500	2.812	500	17.6	730	25.8	970	34.2

Dimensions



*will accept NPT

Model	A		Width		C		D		E		F		G		H* Thread BSP	Weight	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		kg	Lbs
R-50	50	1.97	29	1.14	86	3.38	68	2.68	12	0.47	7	0.27	40	1.57	1/8"	.240	.53
R-65	65	2.56	37	1.46	113	4.45	90	3.54	16	0.63	9	0.35	50	1.97	1/4"	.545	1.20
R-80	80	3.15	43	1.69	128	5.04	104	4.09	16	0.63	9	0.35	60	2.36	1/4"	.950	2.10
R-100	100	3.94	52	2.05	160	6.30	130	5.12	20	0.79	11	0.43	80	3.15	3/8"	1.810	4.00
R-120	120	4.72	77	3.03	194	7.64	152	5.99	24	0.94	17	0.67	no lateral		3/8"	4.260	9.40

Valve

2P
2V
2W
2W(Big)
2WB
2WBF
US(2L)
DG223
DG523
0927/0955
PU220
PU225
VX
QX
PT
Q24JH
K23JH
K25JH
K25JH
K35JH
K23JD
K25JD
K25JK
PV100
PV200
PV300
PV400
PV500
PV700
PV800
PV1527
PVN
MV100
MV200
NAA
GT
K
R
FAL
FP-M
NTP
SX

Valve

2P
2V
2W
2W(Big)
2WB
2WBF
US(2L)
DG223
DG523
0927/0955
PU220
PU225
VX
QX
PT
Q24H
K23J
K25J
K25H
K35H
K23JD
K25JD
K25JK
PV100
PV200
PV300
PV400
PV500
PV700
PV800
PV1527
PVN
MV100
MV200
NAA
GT
K
R
FAL
FP-M
NTP
SX



Features

1. Quiet and efficient
2. Lubrication-free possible (FAL)
3. Rated frequency 1130-3400 min-1
4. Force 12-2740 N
5. Continuously variable
6. FAL applicable up to 120°C, HT version up to 150°C and LT version down to -40°C on request VTL-155 up to 100°C, remaining VTLs up to 150°C
7. Resistant against extreme environmental conditions
8. Also available with ATEX certification

Application

1. For foodstuffs and pharmaceuticals
2. Driving conveyor and discharge chutes
3. Loosening or compacting of bulk solids
4. Activating of mechanical processes
5. Filling facilities
6. Bellows for ATEX or dusty environment as accessory

Structure

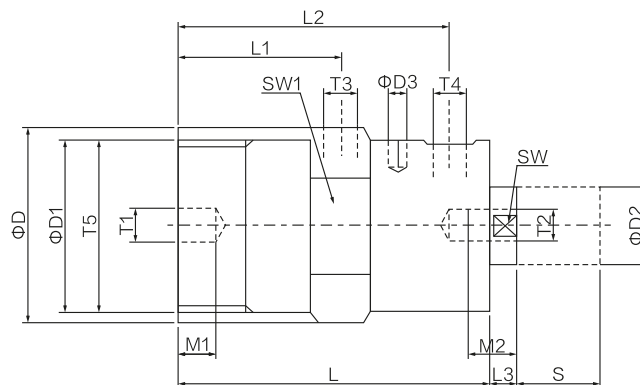
1. The vibration is generated by a freely oscillating, self-reversing piston.
2. The optimum power to weight ratio makes its employment in conveying impulses efficient.
3. FAL: Extra hard and non-corrosive surface through aluminium oxide-generated by titaniferous electrolyte.

Specifications

Model	Frequency V.P.M. × 1000			Centrifugal force measured					
	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	2 Bar N	29 PSI LBS	4 Bar N	58 PSI LBS	6 Bar N	87 PSI LBS
FAL-8	2.05	2.9	3.4	12	2.7	30	6.7	42	9.5
FAL-18	1.42	1.9	2.25	60	13.5	140	31.5	205	46.2
FAL-25	1.13	1.55	2.02	120	27.0	265	59.7	530	119.4
FAL-35	1.24	1.55	2.01	205	46.2	340	76.6	655	147.5

Model	Working moment						Air consumption / Minute					
	2 Bar Kg/cm	29 PSI Lbs/ft	4 Bar Kg/cm	58 PSI Lbs/ft	6 Bar Kg/cm	87 PSI Lbs/ft	2 Bar Ltr.	29 PSI CF	4 Bar Ltr.	58 PSI CF	6 Bar Ltr.	87 PSI CF
FAL-8	0.05	.0003	0.06	.0004	0.06	.0004	8	0.28	18	0.035	30	1.04
FAL-18	0.45	.0030	0.54	.0036	0.54	.0036	20	0.7	40	1.4	60	2.1
FAL-25	1.14	.0077	1.37	.0092	1.26	.0085	40	1.4	110	3.83	155	5.4
FAL-35	2.00	.0134	2.20	.0148	3.00	.0202	75	2.6	220	7.65	350	12.2

Dimensions



Model	L	L1	L2	L3	S	D	D1	D2	D3	T1	T2	T3	T4	T5	M1	M2	SW	SW1	Housing (kg)	Piston (kg)	Total (kg)
FAL-8	91	47.0	74.0	5	27	25	20	8	-	M6	M5	M5	M5	M20x1.5	10	15	7	14	0.051	0.036	0.100
FAL-18	117	64.5	99.5	8	38	53	48	18	-	M10	M10	1/8"	1/8"	-	13	22	14	50	0.450	0.245	0.730
FAL-25	139	75.0	121.0	8	42	69	60	25	-	M16	M16	1/4"	1/4"	-	14	23	22	65	0.780	0.560	1.410
FAL-35	140	73.0	122.0	12	43	88	78	35	8	M16	M16	1/4"	1/4"	-	14	25	27	-	1.130	1.410	2.560



Features

1. Quiet and efficient
2. Rated frequency 2400-9300 min-1
3. Force 32-6066 N
4. Continuously variable
5. Applicable up to 150°C, LT version down to -40°C on request
6. Resistant against extreme environmental conditions
7. Also available with ATEX certification

Application

1. Driving conveyor and discharge chutes
2. Loosening or compacting of bulk solids
3. Activating of mechanical processes
4. Filling facilities

Structure

Aluminium housing surface-hardened and corrosion-resistant

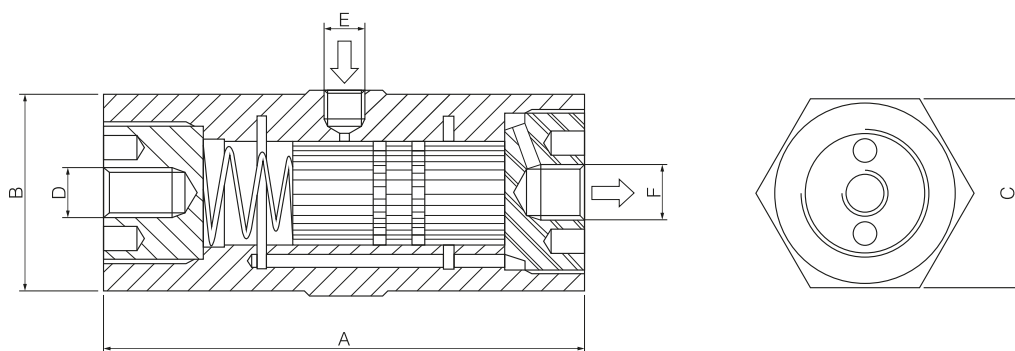
Specifications

Model	Frequency(V.P.M)			Centrifugal force measured						Air consumption/Minute						Noise level	
	2 Bar	4 Bar	6 Bar	2 Bar = 29 PSI		4 Bar = 58 PSI		6 Bar = 87 PSI		2 Bar = 29 PSI		4 Bar = 58 PSI		6 Bar = 87 PSI		dBA*	dBA**
	29 PSI	58 PSI	87 PSI	N	LBS	N	LBS	N	LBS	Ltr.	CF	Ltr.	CF	Ltr.	CF		
FP-12-M	5.000	6.000	6.700	34	7.7	58	13	74	17	0.5	0.02	4	0.14	19	0.67		
FP-18-M	4.000	5.000	5.900	68	15	134	30	188	42	4	0.14	28	1.00	52	1.84		
FP-25-M	3.000	3.800	4.200	142	32	364	82	504	113	23	0.81	50	1.76	87	3.07		
FP-35-M	3.000	4.000	4.600	248	56	778	175	1.080	243	24	0.85	83	2.93	141	4.98		

* With customary silencer

** With 1/4"-Free-flow silencer

Dimensions



*will accept NPT

Model	A		B		C		D metric Tread	E* Thread BSP	F* Thread BSP	Waight of body		Waight of piston		Total weight	
	mm	inch	mm	inch	mm	inch				kg	Lbs	kg	Lbs	kg	Lbs
FP-12-M	81	3.19	31	1.22	34	1.34	M-8	1/8"	1/8"	0.140	0.309	0.030	0.066	0.170	0.375
FP-18-M	94	3.70	40	1.57	42	1.65	M-10	1/8"	1/8"	0.260	0.575	0.080	0.175	0.340	0.750
FP-25-M	116	4.57	48	1.89	50	1.97	M-12	1/8"	1/4"	0.435	0.955	0.215	0.475	0.650	1.430
FP-35-M	116	4.57	58	2.28	65	5.56	M-12	1/4"	1/4"	0.610	1.345	0.430	0.950	1.040	2.290

Valve

2P
2V
2W
2W(Big)
2WB
2WBF
US(2L)
DG223
DG523
0927/0955
PU220
PU225
VX
QX
PT
Q24J ⁰ H
K23J ⁰
K25J ⁰
K25J ⁰ H
K35J ⁰ H
K23JD
K25JD
K25JK
PV100
PV200
PV300
PV400
PV500
PV700
PV800
PV1527
PVN
MV100
MV200
NAA
GT
K
R
FAL
FP-M
NTP
SX

Valve

2P
2V
2W
2W(Big)
2WB
2WBF
US(2L)
DG223
DG523
0927/0955
PU220
PU225
VX
QX
PT
Q243H
K23J3
K25J3
K25JH
K353H
K23JD
K25JD
K25JK
PV100
PV200
PV300
PV400
PV500
PV700
PV800
PV1527
PVN
MV100
MV200
NAA
GT
K
R
FAL
FP-M
NTP
SX



Features

1. The pneumatic linear vibrators Series NTP are especially suitable for knocking off material adhering to container walls in funnels, containers, silos and hoppers. Special features of NTP vibrators are: impacts like a rubber hammer or vibration with high peak acceleration.
2. The linear vibration is produced by a freely vibrating differential pressure piston. In a standard application, the piston knocks against an elastomer impact plate and works like a rubber hammer.
3. When used without an impact plate, the piston works against an air cushion and reduces noise. Hard knocking versions are available. The frequency can be adjusted by varying the pressure of the air supply and the amplitude by throttling the exhaust.
4. Lubrication-free operation is possible. ATEX-compliant linear vibrators of the NTP series and units with stainless steel housing are available.

Application

1. Linear vibration
2. Nominal frequency from 1328 min-1 to 8784 min-1
3. Centrifugal force from 190 N to 2039 N
4. Frequency and amplitude are adjustable separately
5. Available in ATEX-compliant or stainless steel

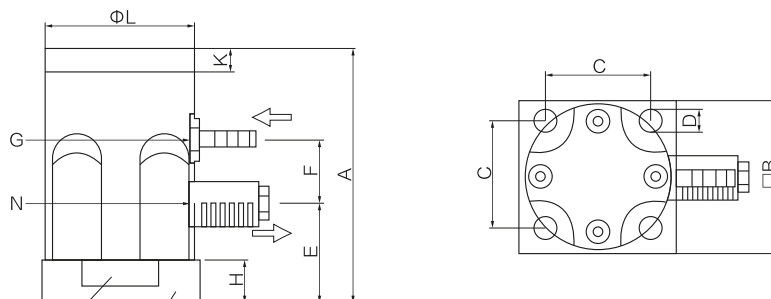
Structure

1. Knocking off material adhering to container walls in funnels, containers, silos and hoppers.
2. Drives for vibrating tables and chutes.
3. Assistance for emptying containers.

Specifications

Model	Frequency(V.P.M)			Vibration power(N)			Air consumption (L/min)
	2bar	4bar	6bar	2bar	4bar	6bar	
NTP25	5.840	6.950	8.780	265	435	825	33-108
NTP32	2.950	4.075	5.045	285	605	925	50-198
NTP48	2.610	3.450	4.310	780	1.300	2.030	96-336

Dimensions



Model	A	B	C	D	E	F	G	H	K	L	N	Weight (kg)
NTP25	90	60	46	6.5	36	14.5	1/8"	15	8	51	1/8"	0.61
NTP32	140	75	51	11	48	32	1/4"	20	10	70	1/4"	1.47
NTP48	194	100	78	13	60	51	3/8"	25	15	95	3/8"	3.95



Features

1. Small air consumption, low operating cost, and good for environmental protection and energy saving.
2. Made of premium aluminium alloy, has high strength, excellent wear resistance and impact resistance.
3. The sturdy base has been turned and corrected many times, so it is not easy to break, and very stable.
4. Large magnetic impact with good powder falling effect. And the simple structure enables easy disassembly.
5. The tapping interval can be adjusted, and the reliable working performance guarantees low failure rate.

Application

Vibrating table, filter screen, silo emptying, bulk material flushing and compaction, preventing pipelines from hanging on the wall of the silo, driving conveying devices, unloading tanks and other equipment.

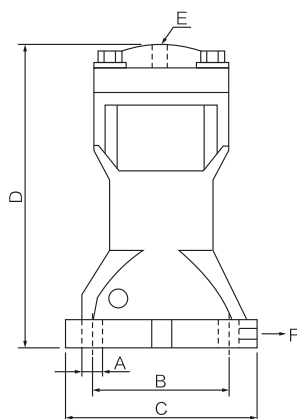
Structure

Using compressed air as the power, and release it instantaneously, pushing the internal hammer head to hit the bottom, and transmitting the strong impulse to the wall of the hopper, effectively breaking the arch formed by the material, loosening the accumulated material, and achieving the purpose of smooth ash unloading.

Specifications

Item type	Pneumatic percussion hammer
Material	Aluminium alloy
Connection method	Thread
Air inlet thread specification	1/4"
Air outlet thread specification	1/4"
Working pressure	0.3-0.7MPa
Flow direction	One-Way
Nominal frequency	1-60 times/minute
Exciting force	5.5-220 Newton. Metre
Maximum operating temperature	150℃

Dimensions



Size							Parameter			
Model	A	B	C	D	E	F	Pressure MPa	Air consumption L/time	Impact ener gy(N.M)	Weight
SX30	9	67	82	135	1/4"	1/8"	0.3~0.7	0.05~0.13	5.5~13.1	1.1Kg
SX40	11	77	98	175	1/4"	1/8"	0.3~0.7	0.15~0.37	9.2~22.3	2.7Kg
SX60	12.5	110	143	220	1/4"	1/4"	0.3~0.7	0.33~0.77	20.6~49.0	6.0Kg
SX80	17	140	170	275	3/8"	3/8"	0.4~0.6	0.60~1.40	45.1~109.0	12.5Kg

Warning: Pneumatic vibrators can damage to device, if excessive vibration force, adjust to proper pressure.

Valve

2P
2V
2W
2W(Big)
2WB
2WBF
US(2L)
DG223
DG523
0927/0955
PU220
PU225
VX
QX
PT
Q24J ₀ H
K23J ₀
K25J ₀
K25J ₀ H
K35J ₀ H
K23JD
K25JD
K25JK
PV100
PV200
PV300
PV400
PV500
PV700
PV800
PV1527
PVN
MV100
MV200
NAA
GT
K
R
FAL
FP-M
NTP
SX