

VIBTEC

VIBRATECHNIQUES LTD

Vibration Solutions

LEAFLET 1

TYPICAL APPLICATIONS



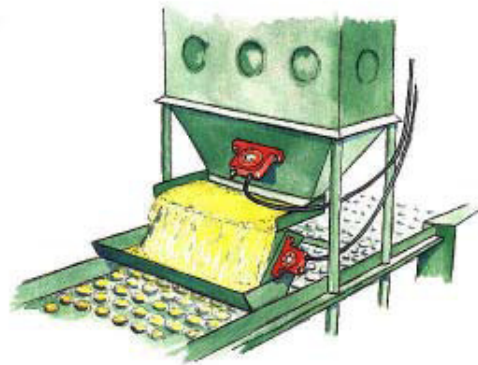
FOUNDRY MOULDINGS



PIPE FEEDS



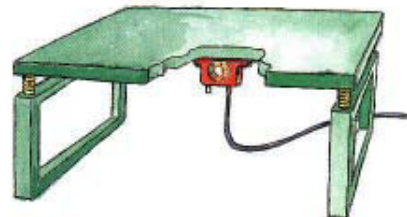
HOPPER FEEDS



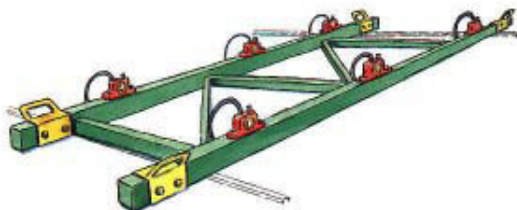
CONTROLLED FEED



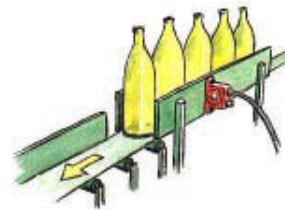
HOPPER DISCHARGE



COMPACTING / TESTING



SCREEDING



CONVEYORS

2 CHAPEL ROAD, PORTSLADE, BRIGHTON, BN41 1PF ENGLAND

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We reserve the right to modify or withdraw specifications or products without notice or obligation

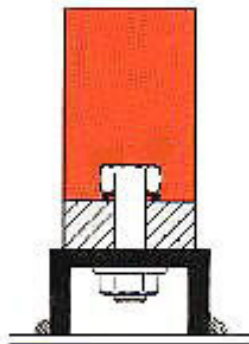
RECOMMENDS...



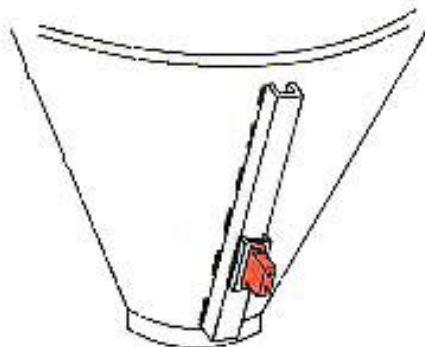
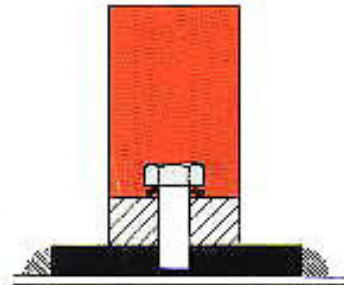
Alternatively oil daily using a few drops of hydraulic oil (except GT models)



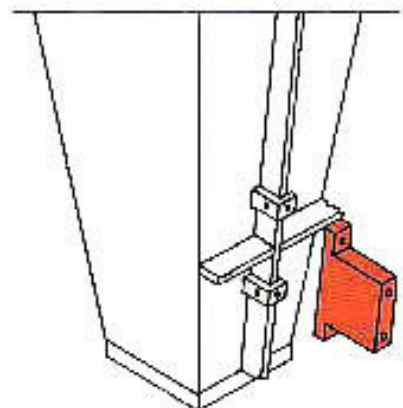
An air line filter and lubricator (except GT models)

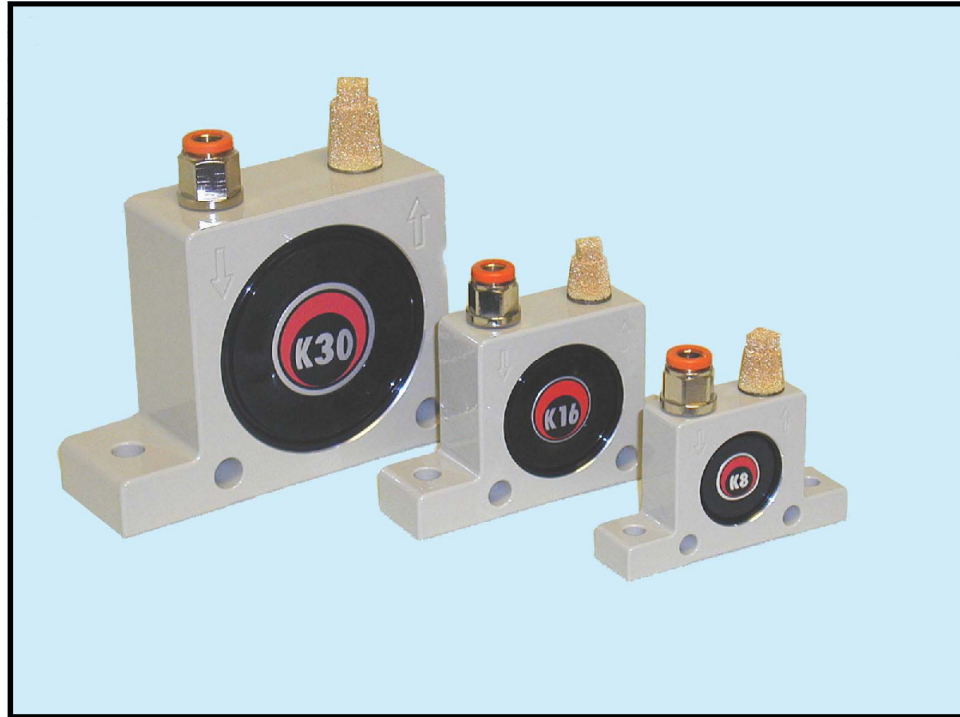


Vibrators must be mounted onto a rigid channel or fixing plate which in turn is stitch welded to the structure.



Vibrators are generally mounted 1/3rd up the cone or sloping face






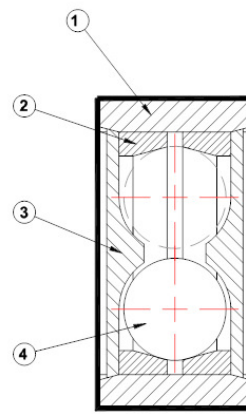
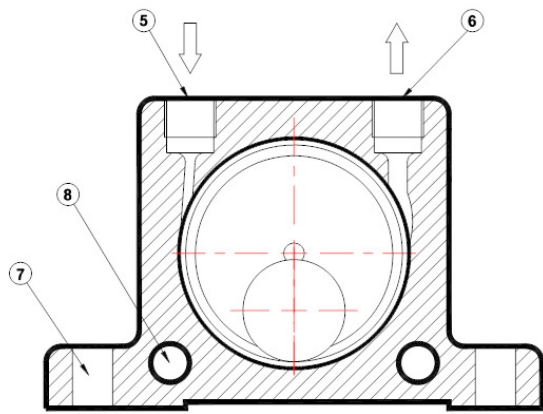
PNEUMATIC BALL VIBRATORS

MODEL K

- Aluminium Body
- Rotary Vibrator
- 2 Sets of mounting holes
- Frequency / Force adjustable by air pressure
- Suitable for temperature up to 100 °C
- Force 130 N to 4050 N

On request can be supplied with ATEX certification
To ATEX 95 94/9/EC  II 2 G & D Zone 1, 2 & 21, 22

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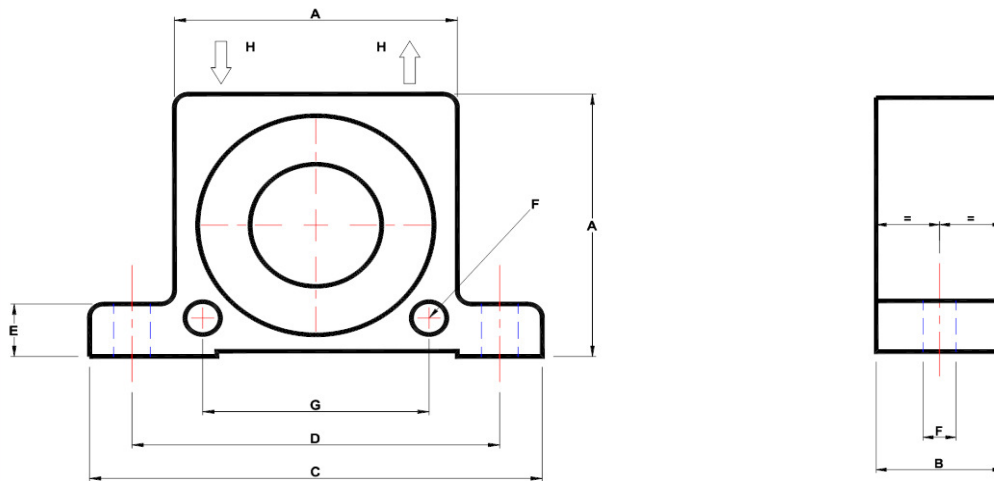
- 1. Extruded aluminium alloy body
- 2. Hardened ground steel alloy races
- 3. Nylon Endplates
- 4. Hardened lapped ball
- 5. Air Inlet
- 6. Air exhaust
- 7. Base mounting holes
- 8. Lateral Mounting

Standard Units K8 to K36 with nylon endplates
Max Temperature 100°C=212°F

Special Units K20HT to K36HT
Max Temperature 150 C=300 F°

PERFORMANCE DATA

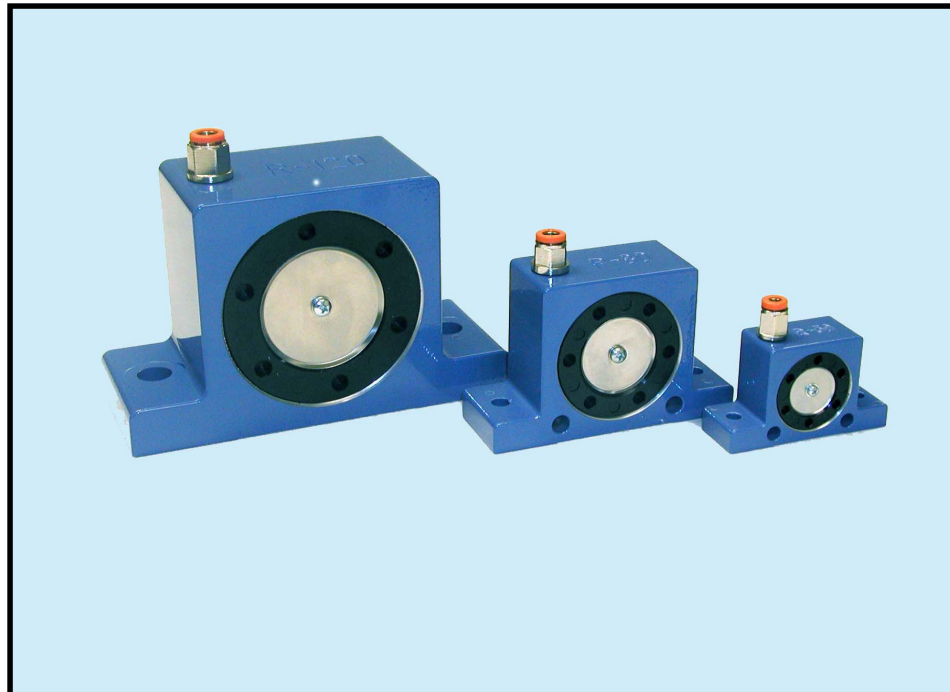
TYPE	Frequency V.P.M.			Centrifugal Force						Air Consumption / Minute					
	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	2 Bar N	29 PSI lbs	4 Bar N	58 PSI lbs	6 Bar N	87 PSI lbs	2 Bar litr	29 PSI CF	4 Bar litr	58 PSI CF	6 Bar litr	87 PSI CF
K8	25500	31000	35000	130	29	260	58	360	81	83	2.9	145	5.1	195	6.9
K10	22500	28000	34000	250	26	470	106	710	160	92	3.2	150	5.3	200	7.1
K13	15000	18000	22500	320	72	550	124	870	196	94	3.3	158	5.6	225	7.9
K16	13000	17000	19500	450	101	800	180	1100	248	122	4.3	200	7.1	280	9.9
K20	10500	14500	16000	720	162	1220	275	1720	387	130	4.6	230	8.1	340	12.0
K25	9200	12200	14000	930	209	1570	353	2050	461	160	5.6	290	10.2	425	15.0
K30	7800	9700	12500	1510	340	2470	556	3210	722	215	7.6	375	13.2	570	20.0
K36	7300	9000	10000	2060	464	3150	709	4050	911	260	9.2	475	16.8	675	24.0



DIMENSIONS

TYPE	A		B		C		D		E		F		G		H	Weight	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		BSP	kg
K8	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
K10	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
K13	65	2.56	24	0.94	113	4.45	90	3.54	16	0.63	9	0.35	50	1.97	1/4"	.230	.57
K16	65	2.56	27	1.06	113	4.45	90	3.54	16	0.63	9	0.35	50	1.97	1/4"	.300	.66
K20	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
K25	80	3.15	38	1.50	128	5.04	104	4.09	16	0.63	9	0.35	60	2.36	1/4"	.630	1.39
K30	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
K36	100	3.94	50	1.97	160	6.30	130	5.12	20	0.79	11	0.43	80	3.15	3/8"	1.340	2.95


Data obtained on a heavy laboratory test block. Frequency and force will decrease on a less rigid mount.



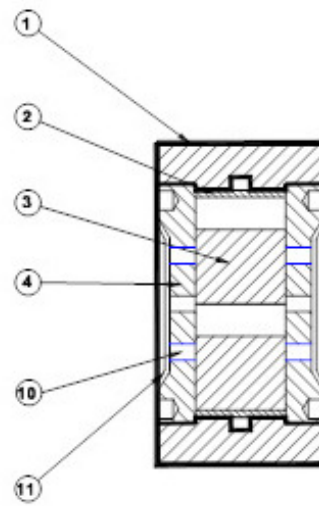
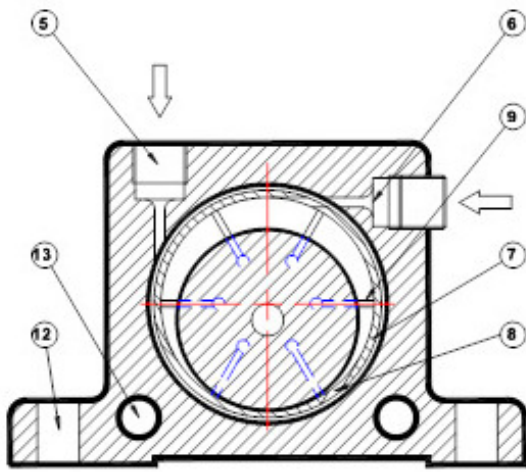
PNEUMATIC ROLLER VIBRATORS

MODEL R

- Aluminium Body
- Rotary Vibrator
- Frequency / Force adjustable by air pressure
- Suitable for temperature up to 140 °C
- Force 1070 N to 12500 N

On request can be supplied with ATEX certification
To ATEX 95 94/9/EC  II 2 G & D Zone 1, 2 & 21, 22

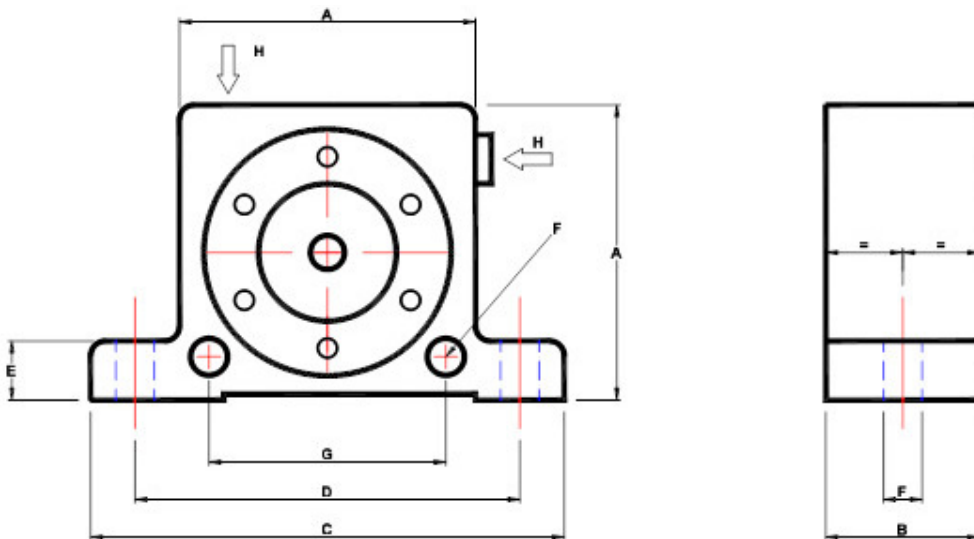
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- | | |
|-------------------------------------|----------------------------|
| 1. Extruded Aluminium Alloy Casting | 8. Inlet Jets |
| 2. Cast Iron Liner | 9. Exhaust Ports |
| 3. Steel Alloy Roller | 10. Exhaust Diffuser |
| 4. Plastic End Plates | 11. Silencer Plate |
| 5. Vertical Air Inlet | 12. Base Mounting Holes |
| 6. Horizontal Air Inlet | 13. Lateral Mounting Holes |
| 7. Air Groove | |

PERFORMANCE DATA

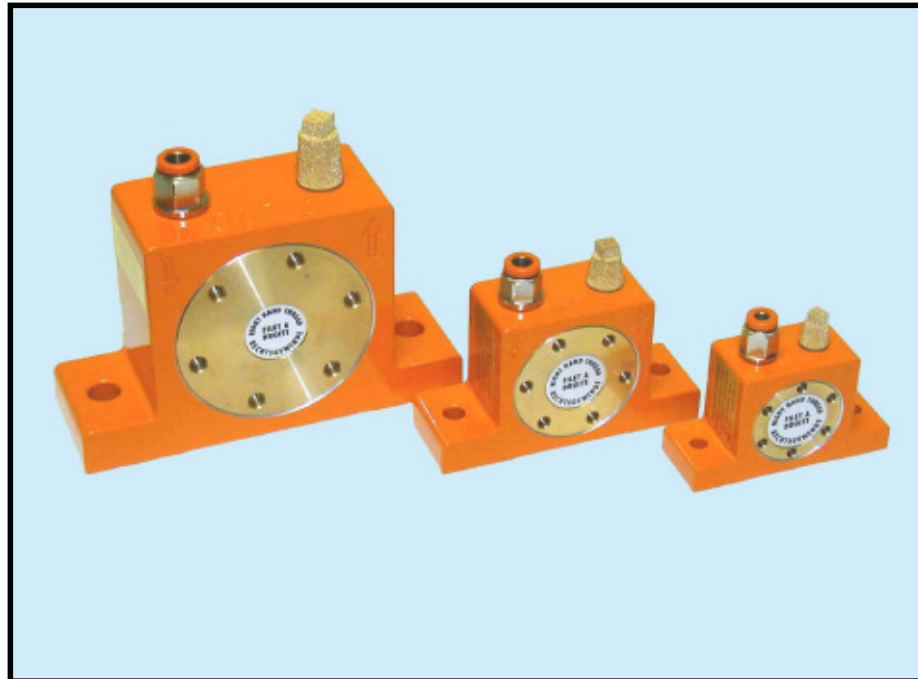
TYPE	Frequency V.P.M.			Centrifugal Force						Air Consumption / Minute					
	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	2 Bar N	29 PSI lbs	4 Bar N	58 PSI lbs	6 Bar N	87 PSI lbs	2 Bar litr	29 PSI CF	4 Bar litr	58 PSI CF	6 Bar litr	87 PSI CF
R50	25000	35000	36000	1070	240	2920	657	4220	950	100	3.5	145	5.1	195	6.9
R65	19000	21000	26000	2730	614	4830	1089	6120	1377	200	7.0	300	10.6	400	14.1
R80	15500	18500	19000	3000	975	6090	1370	7450	1676	290	10.2	430	15.2	570	20.1
R100	11000	14000	16000	3750	844	6750	1519	8900	2003	370	13.0	550	19.4	730	25.8
R120	10000	11500	12500	8000	1800	10000	2250	12500	2812	500	17.6	730	25.8	970	34.2



DIMENSIONS

TYPE	A		B		C		D		E		F		G		H	Weight	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		BSP	kg
R50	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
R65	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
R80	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
R100	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
R120	120	4.72	77	3.03	194	7.64	152	5.99	24	0.94	17	0.67	n/a	n/a	3/8"	4.260	9.40


Data on a heavy laboratory test block. Frequency and force will decrease on a less rigid mount



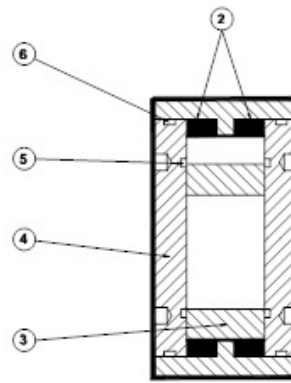
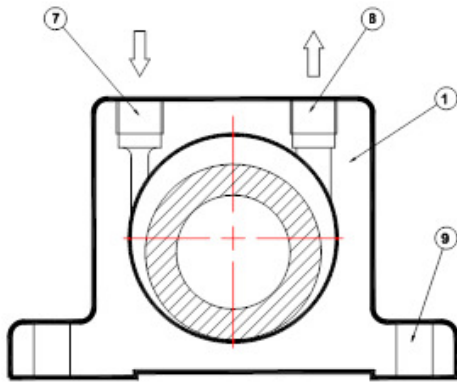
PNEUMATIC ROLLER VIBRATORS

MODEL DAR

- Aluminium Body
- Rotary Vibrator
- Frequency / Force adjustable by air pressure
- Suitable for temperature up to 200 °C
- Force 2220 N to 12000 N

On request can be supplied with ATEX certification
To ATEX 95 94/9/EC  II 2 G & D Zone 1, 2 & 21, 22

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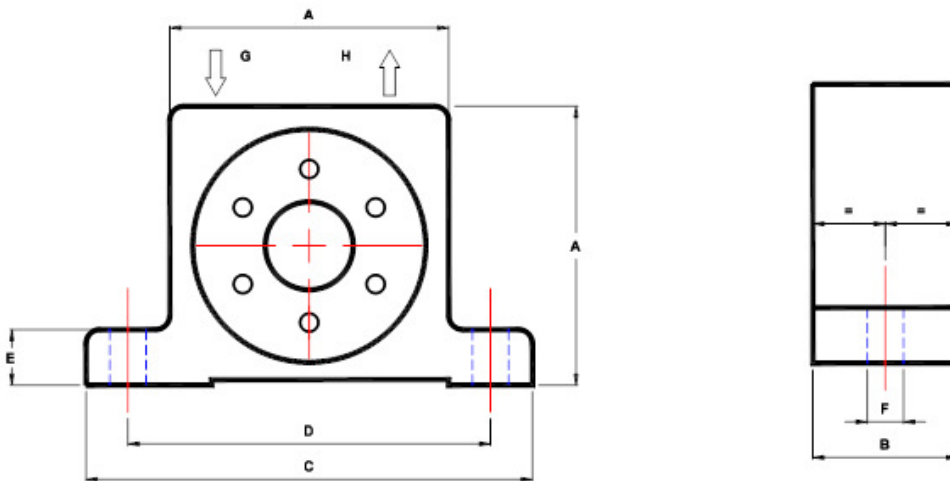


- 1. Extruded Aluminium Body
- 2. High Tensile Steel Races
- 3. Cast Iron Roller
- 4. Special Bronze Endplates
- 5. Oiler Grooves

- 6. Impurities Collection Grooves
- 7. Air Inlet
- 8. Air Exhaust
- 9. Base Mounting Holes

PERFORMANCE DATA

Type	Frequency V.P.M.			Centrifugal Force						Air Consumption / Minute					
	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	2 Bar litr	29 PSI CF	4 Bar litr	58 PSI CF	6 Bar litr	87 PSI CF
DAR 2	36000	36600	38000	2220	500	3380	760	4090	920	70	2.5	140	4.9	200	7.0
DAR 3	27000	36000	32000	2720	612	4560	1026	6050	1361	100	3.5	200	7.0	300	10.6
DAR 4	18000	22500	25000	2360	531	4610	1037	6690	1505	120	4.2	250	8.8	360	12.7
DAR 5	9500	15000	16500	1680	378	4640	1044	7200	1620	130	4.6	270	9.5	390	13.8
DAR 6	7800	10000	12000	4370	983	6860	1544	10300	2317	170	6.0	320	11.3	470	16.6
DAR 7	8000	9800	11500	5870	1320	9500	2137	12000	2700	180	6.4	350	12.4	500	17.7



DIMENSIONS

TYPE	A		B		C		D		E		F		G/H BSP	WEIGHT	
	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH		KGS	LBS
DAR 2	50	1.97	30	1.18	86	3.38	68	2.68	12	0.47	7	0.27	1/8"	0.370	0.82
DAR 3	65	2.56	36	1.42	113	4.45	90	3.54	16	0.63	9	0.35	1/4"	0.760	1.68
DAR 4	80	3.15	40	1.57	128	5.04	102	4.00	16	0.63	11	0.43	1/4"	1.270	2.80
DAR 5	100	3.94	52	2.05	160	6.30	130	5.12	20	0.79	13	0.51	3/8"	2.450	5.40
DAR 6	120	4.72	62	2.44	194	7.64	152	6.00	24	0.94	17	0.67	3/8"	4.700	10.35
DAR 7	120	4.72	77	3.03	194	7.64	152	6.00	24	0.94	17	0.67	3/8"	5.700	12.55


Data obtained on a heavy laboratory test block. Frequency and force will decrease on a less rigid mount.



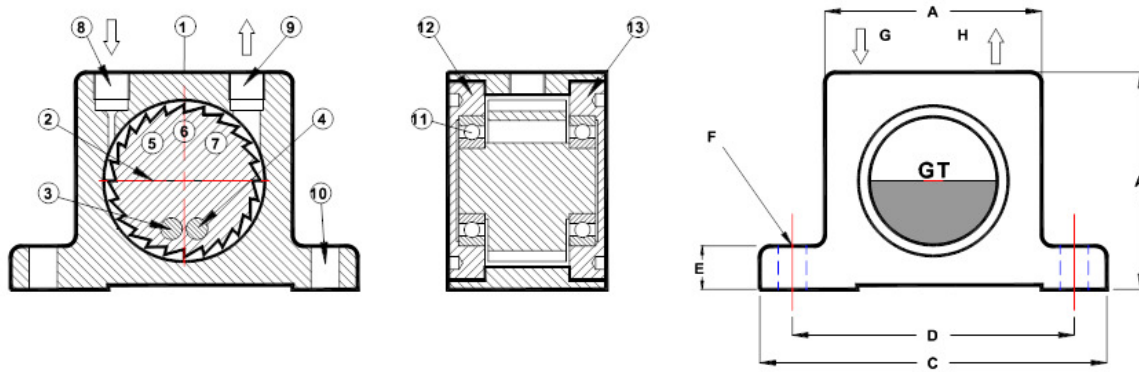
PNEUMATIC TURBINE VIBRATORS

MODEL GT

- Aluminium Body
- Rotary Vibrator
- Frequency / Force adjustable by air pressure
- Suitable for temperature up to 120 °C
- Force 135 N to 12000 N
- No Lubrication Required

On request can be supplied with ATEX certification
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- 1. Extruded Aluminium Alloy Body
- 2. Hard Coated Aluminium Turbine Wheel
- 3/4. High Density Mass Positive Movement
- 5-7. Cavities Giving Negative Moment
- 8. Air Inlet
- 9. Air Exhaust

- 10. Base Mounting Holes
- 11. Special Pre-Lubricated Matched Sealed Bearings

Hard Coated Aluminium Endplates

- 12. With Left Hand Thread
- 13. With Right Hand Thread

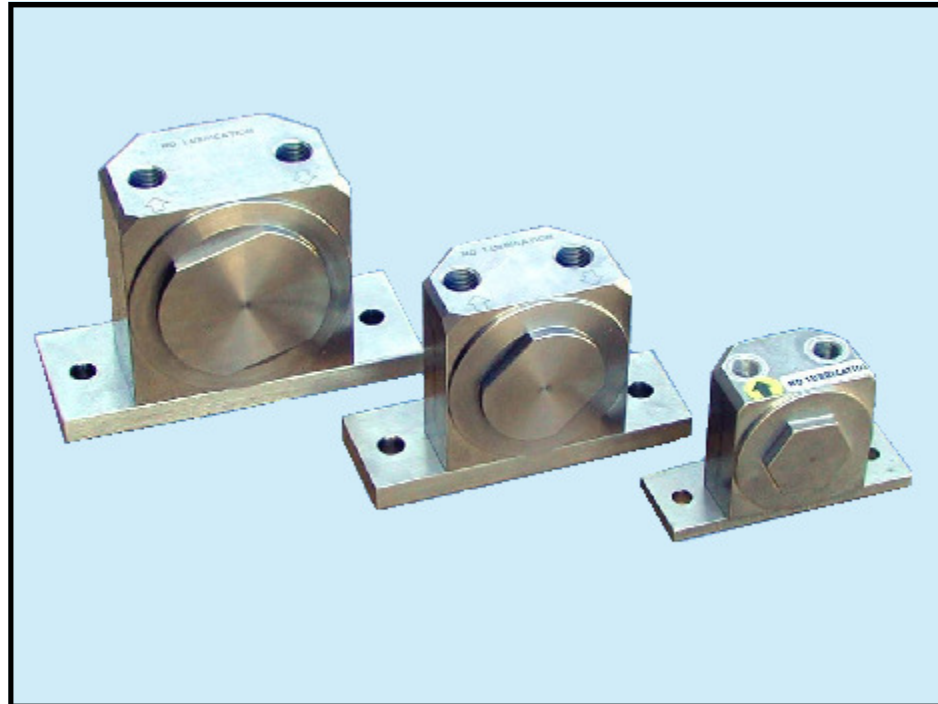
PERFORMANCE DATA

Type	Frequency V.P.M.			Centrifugal Force						Air Consumption / Minute					
	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	2 Bar litr	29 PSI CF	4 Bar litr	58 PSI CF	6 Bar litr	87 PSI CF
GT4	14000	14430	15000	135	30	180	40	200	44	33	1.1	58	2	83	2.9
GT6	11500	12000	12500	130	29	175	39	210	47	33	1.1	58	2	83	2.9
GT8	36000	42000	46000	990	222	2060	462	2910	652	46	1.6	80	2.8	112	3.9
GT10	27500	35000	37500	840	188	1390	312	2400	538	46	1.6	80	2.8	112	3.9
GT10S	17000	23000	25000	650	146	1350	303	1950	437	46	1.6	80	2.8	112	3.9
GT13	26000	30000	33000	1400	313	2440	574	3730	836	120	4.2	200	7.0	290	10.2
GT16	17000	21500	24000	1220	274	2090	469	3160	708	120	4.2	200	7.0	290	10.2
GT16S	11500	15500	17000	1100	247	1900	426	2700	605	120	4.2	200	7.0	290	10.2
GT20	17000	20000	23000	2170	487	4040	906	5520	1238	185	6.6	325	11.4	455	15.9
GT25	12000	15500	17000	2120	475	3510	787	5070	1137	185	6.6	325	11.4	455	15.9
GT25S	8500	11000	13000	2250	504	3600	807	4900	1098	185	6.6	325	11.4	455	15.9
GT30	13000	14000	16000	3380	578	5430	1217	7540	1690	330	11.5	530	18.5	745	26.0
GT36	8000	10000	13000	3290	738	5360	1202	7190	1612	330	11.5	530	18.5	745	26.0
GT36S	6100	72000	8300	4100	919	6200	1390	7500	1681	330	11.5	530	18.5	745	26.0
GT40	7700	8800	9500	4300	964	7300	1636	9800	2197	425	15	700	24.7	970	34.2
GT48	6000	7500	9700	4900	1098	7700	1726	10500	2354	425	15	700	24.7	970	34.2
GT48S	-	5600	6300	-	-	7500	1681	12000	2691	425	15	700	24.7	970	34.2

DIMENSIONS

Type	A		B (Width)		C		D		E		F (Hole Diameter)		G/H	Weight	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	BSP	kg	lbs
GT4	40	1.57	28	1.10	70	2.75	56	2.20	10	0.39	6	0.23	1/8"	.167	.37
GT6	40	1.57	28	1.10	70	2.75	56	2.20	10	0.39	6	0.23	1/8"	.161	.35
GT8	50	1.97	33	1.30	86	3.38	68	2.68	12	0.47	7	0.27	1/8"	.255	.56
GT10	50	1.97	33	1.30	86	3.38	68	2.68	12	0.47	7	0.27	1/8"	.258	.57
GT10S	50	1.97	33	1.30	86	3.38	68	2.68	12	0.47	7	0.27	1/8"	.270	.59
GT13	65	2.56	42	1.65	113	4.45	90	3.54	16	0.63	9	0.35	1/4"	.555	1.22
GT16	65	2.56	42	1.65	113	4.45	90	3.54	16	0.63	9	0.35	1/4"	.566	1.25
GT16S	65	2.56	42	1.65	113	4.45	90	3.54	16	0.63	9	0.35	1/4"	.603	1.33
GT20	80	3.15	56	2.20	128	5.04	104	4.09	16	0.63	9	0.35	1/4"	1.076	2.37
GT25	80	3.15	56	2.20	128	5.04	104	4.09	16	0.63	9	0.35	1/4"	1.112	2.45
GT25S	80	3.15	56	2.20	128	5.04	104	4.09	16	0.63	9	0.35	1/4"	1.193	2.62
GT30	100	3.94	73	2.87	160	6.30	130	5.12	20	0.79	11	0.43	3/8"	2.201	4.84
GT36	100	3.94	73	2.87	160	6.30	130	5.12	20	0.79	11	0.43	3/8"	2.301	5.06
GT36S	100	3.94	73	2.87	160	6.30	130	5.12	20	0.79	11	0.43	3/8"	2.525	5.56
GT40	120	4.72	83	3.26	194	7.63	152	5.98	24	0.94	17	0.66	3/8"	3.696	8.13
GT48	120	4.72	83	3.26	194	7.63	152	5.98	24	0.94	17	0.66	3/8"	3.858	8.49
GT48S	120	4.72	83	3.26	194	7.63	152	5.98	24	0.94	17	0.66	3/8"	4.274	9.40


Data obtained on a heavy laboratory test block. Frequency and force will decrease on a less rigid mount.



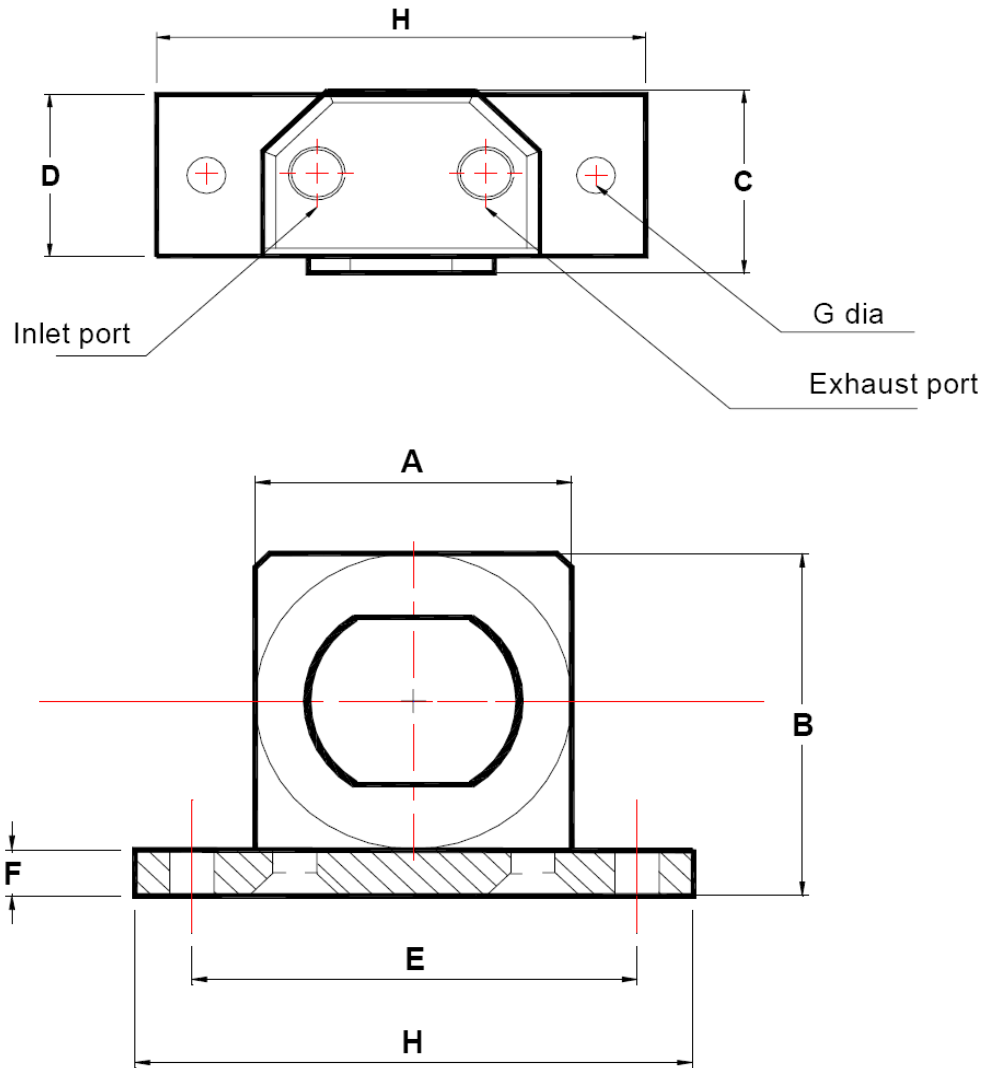
STAINLESS STEEL PNEUMATIC TURBINE VIBRATORS

MODEL GT SS

- Stainless Steel
- Rotary Vibrator
- No Lubrication
- Force 583 N to 3581 N
- Suitable for temperature up to 120 °C

On request can be supplied with ATEX certification
To ATEX 95 94/9/EC  II 2 G & D Zone 1, 2 & 21, 22

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Web. www.vibtec.com E-mail. sales@vibtec.com



PERFORMANCE DATA

Type	Frequency V.P.M.			Centrifugal Force						Air Consumption / Minute					
	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	2 Bar Litr	29 PSI CF	4 Bar Litr	58 PSI CF	6 Bar Litr	87 PSI CF
GT10SS	27500	35000	37500	583	131	946	212	1086	243	46	1.6	80	2.8	112	3.9
GT16SS	17000	21500	24000	1103	247	1764	396	2198	493	120	4.2	200	7.0	290	10.2
GT25SS	12000	15500	17000	1784	400	2977	667	3581	803	185	6.6	325	11.4	455	15.9

DIMENSIONS

Model	A mm	B mm	C mm	D mm	E mm	F mm	G Dia mm	H mm	Inlet Port	Ex Port	Weight Kgs
GT10SS	49	55	38.1	30	68	6	7	86	1/8" BSP	1/8" BSP	0.625
GT16SS	64	74	45.5	40	90	10	9	113	1/4" BSP	1/4" BSP	1.307
GT25SS	78	88	55.5	50	104	10	11	128	1/4" BSP	1/4" BSP	2.284


Data obtained on a heavy laboratory test block. Frequency and force will decrease on a less rigid mount.



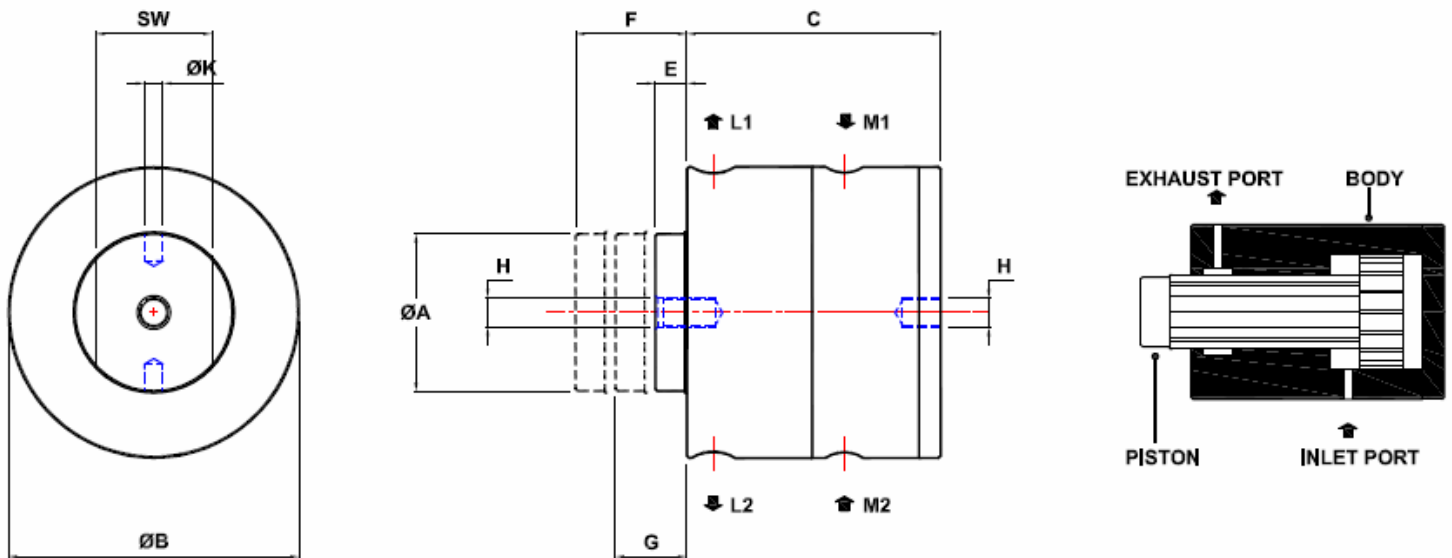
PNEUMATIC LINEAR VIBRATORS

MODEL VTL

- Linear Vibration
- Force 39 N to 7740 N
- Force variable by adding weights
- Frequency and amplitude adjustable independently
- Suitable for temperature up to 150 °C except VTL 155 - 100 °C

On request can be supplied with ATEX certification
To ATEX 95 94/9/EC  II 2 G & D Zone 1, 2 & 21, 22

2 CHAPEL ROAD, PORTSLADE, BRIGHTON, BN41 1PF ENGLAND
Tel. +44(0) 1273 430977 Fax. +44 (0) 1273 430978
Web. www.vibtec.com E-mail. sales@vibtec.com



PERFORMANCE DATA

MODEL	Frequency V.P.M.	Force (N)		Air consumption Litre / min
	Max.	Min.	Max.	Max.
VTL 155	2600	39	110	90
VTL 165	2600	39	185	75
VTL 255	1900	90	720	200
VTL 405	1900	220	1450	408
VTL 555	2400	510	2640	755
VTL 855	2500	845	7740	924
VTL 1105	2900	1760	5980	960

DIMENSIONS

MODEL	A	B	C	E	F	G	H	K	L1	L2	M1	M2	SW	Weight kgs
VTL 155	16.0	50	114	9	43	24	M10	-	1/8"	-	1/8"	-	13	0.52
VTL 165	16.5	49	111	5	40	22.5	M10	-	1/8"	-	1/8"	-	14	1.48
VTL 255	25.5	64	140	9	54	36.5	M16	-	1/4"	-	1/4"	-	22	3.19
VTL 405	40.5	84	140	12	57	36.0	M16	-	3/8"	-	1/4"	-	32	5.50
VTL 555	55.5	115	125	17	54.7	36.8	M20	-	3/8"	-	3/8"	-	46	9.00
VTL 855	85.5	160	122	20	54.7	36.8	M20	12.7	3/8"	3/8"	3/8"	-	-	17.00
VTL 1105	110.5	200	122	22	54.7	36.8	M20	12.7	1/2"	1/2"	3/8"	3/8"	-	28.00



PNEUMATIC LINEAR VIBRATORS - REDUCED LUBRICATION

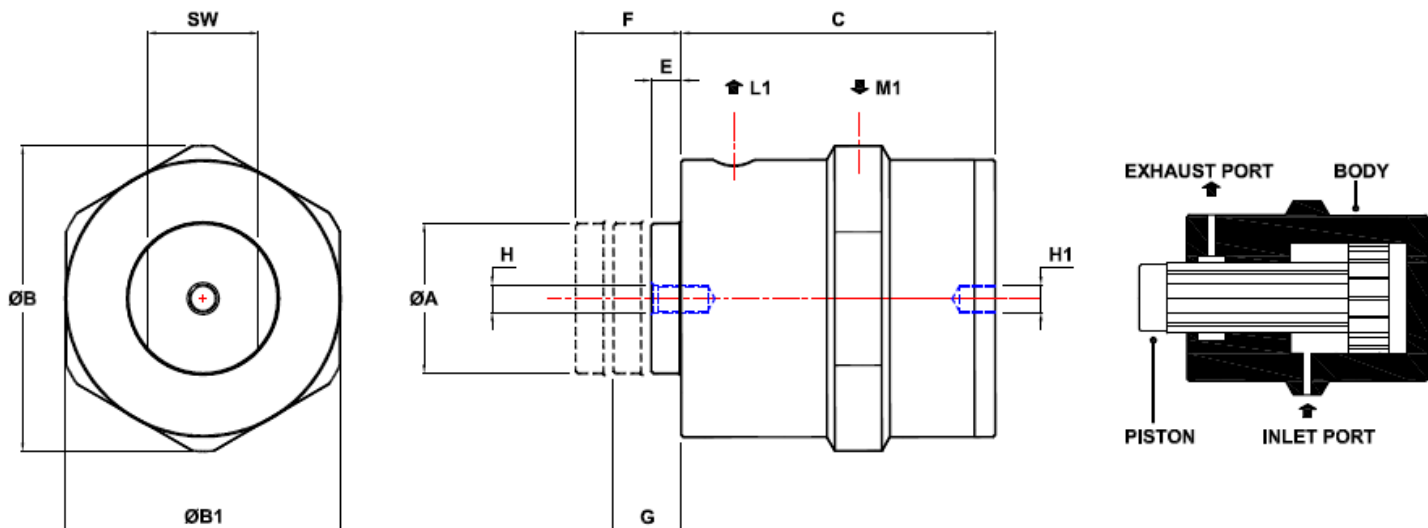
MODEL FAL

- Aluminium Body
- Linear Vibration
- Force 12 N to 655 N
- Force variable by adding weights
- Frequency and amplitude adjustable independently
- Suitable for temperature up to 60 °C

On request can be supplied with ATEX certification

To ATEX 95 94/9/EC  II 2 G & D Zone 1, 2 & 21, 22

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PERFORMANCE DATA

MODEL	Frequency V.P.M.	Force (N)		Air consumption Litre / min
	Max.	Min.	Max.	Max.
FAL 8	3400	12	42	30
FAL 18	2250	60	205	60
FAL 25	2020	120	530	155
FAL 35	2010	205	655	350

DIMENSIONS


MODEL	A	B	B1	C	E	F	G	H	H1	L1	M1	SW	Weight kgs
FAL 8	8	25	20	91	5	32	24	M5	M6	M5	M5	7	0.1
FAL 18	18	53	48	117	8	41	32	M10	M10	1/8"	1/8"	14	0.75
FAL 25	25	69	60	140	8	48	38	M16	M16	1/4"	1/4"	22	1.5
FAL 35	35	88	78	140	14	51	41	M16	M16	1/4"	1/4"	27	2.6



PNEUMATIC LINEAR VIBRATORS

MODEL FP

- Linear Vibration
- Ideal for arduous conditions
- Force 34 N to 4270 N
- Frequency and amplitude adjustable independently
- Suitable for temperature up to 50 °C

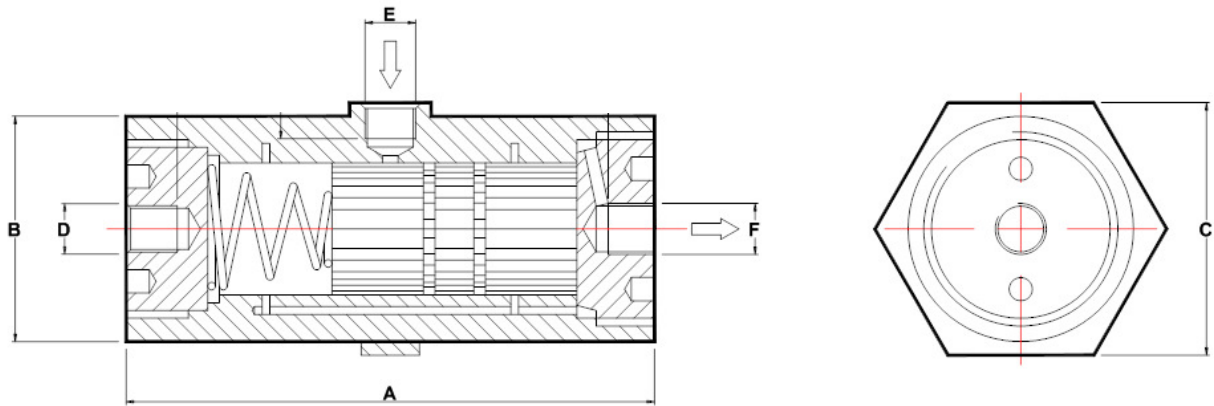
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PERFORMANCE DATA

TYPE	Frequency V.P.M.			Linear Force Measured						Air Consumption / Minute						Noise Level	
	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	2 Bar ltr	29 PSI CFM	4 Bar ltr	58 PSI CFM	6 Bar ltr	87 PSI CFM	A** dB	A*** dB
FP-12-S	6200	7800	9300	34	7.7	70	16	92	21	0.8	0.03	7.5	0.26	25	0.88	57-61	N/A
FP-12-M	5000	6000	6700	37	7.7	58	13	74	17	0.5	0.02	4	0.14	19	0.67	57-61	N/A
FP-12-L	4000	4800	5400	32	7.2	58	13	81	18	1	0.04	3	0.11	20	0.71	58-60	N/A
FP-18-S	5000	6400	7700	66	15.0	134	30	187	42	5	0.18	33	1.16	57	2.00	62-71	N/A
FP-18-M	4000	5000	5900	68	15.0	134	30	188	42	4	0.14	28	1.00	52	1.84	61-67	N/A
FP-18-L	3100	4000	4600	64	14.0	150	34	206	46	5	0.18	23	0.81	46	1.62	61-68	N/A
FP-25-S	3600	4300	5500	126	28	270	61	416	94	13	0.46	54	1.91	93	3.28	70-75	61-67
FP-25-M	3000	3800	4200	142	32	364	82	504	113	23	0.81	50	1.76	87	3.07	73-75	62-66
FP-25-L	2400	3100	3700	186	42	392	88	594	134	18	0.64	62	2.19	93	3.28	72-75	60-65
FP-35-S	2800	4700	5800	294	66	668	150	1038	234	23	0.81	101	3.56	162	5.72	72-77	71-73
FP-35-M	3000	4000	4600	248	56	778	175	1080	243	24	0.84	83	2.93	141	4.98	74-78	70-73
FP-35-L	2400	3100	3600	282	63	680	153	1066	240	38	1.34	89	3.14	135	4.77	74-78	68-74
FP-50-M*	1850	2300	2800	490	110	970	218	1600	360	48	1.67	100	3.48	190	6.61	70-77	N/A
FP-60-M*	1950	2400	2700	610	137	1400	315	2170	489	90	3.13	160	5.57	270	9.39	73-79	N/A
FP-95-M*	1800	2400	2800	1500	338	2620	590	4270	962	170	5.91	320	11.13	450	15.65	85-92	N/A

NOTE ** With customary silencer *** With 1/4" Free Flow Silencer



DIMENSIONS

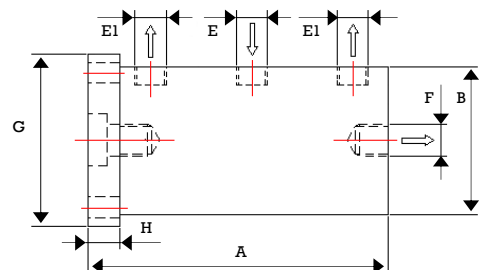
TYPE	A		B		C		D Metric Thread	E BSP Thread	E1 BSP Thread	F BSP Thread	Weight of Body		Weight of Piston		Total Weight	
	mm	inch	mm	inch	mm	inch					kg	lbs	kg	lbs	kg	lbs
FP-12-S	71	2.80	31	1.22	34	1.34	M8	1/8"	N/A	1/8"	0.125	0.275	0.020	0.045	0.145	0.320
FP-12-M	81	3.19	31	1.22	34	1.34	M8	1/8"	N/A	1/8"	0.140	0.309	0.030	0.066	0.170	0.375
FP-12-L	94	3.70	31	1.22	34	1.34	M8	1/8"	N/A	1/8"	0.165	0.360	0.040	0.090	0.205	0.450
FP-18-S	81	3.19	40	1.57	42	1.65	M10	1/8"	N/A	1/8"	0.220	0.485	0.060	0.135	0.280	0.620
FP-18-M	94	3.70	40	1.57	42	1.65	M10	1/8"	N/A	1/8"	0.260	0.575	0.080	0.175	0.340	0.750
FP-18-L	109	4.29	40	1.57	42	1.65	M10	1/8"	N/A	1/8"	0.300	0.660	0.110	0.240	0.410	0.900
FP-25-S	98	3.86	48	1.89	50	1.97	M12	1/8"	N/A	1/4"	0.375	0.825	0.155	0.345	0.530	1.170
FP-25-M	116	4.57	48	1.89	50	1.97	M12	1/8"	N/A	1/4"	0.435	0.955	0.215	0.475	0.650	1.430
FP-25-L	136	5.35	48	1.89	50	1.97	M12	1/8"	N/A	1/4"	0.500	1.100	0.290	0.640	0.790	1.740
FP-35-S	98	3.86	58	2.28	65	2.55	M12	1/4"	N/A	1/4"	0.530	1.168	0.315	0.694	0.845	1.862
FP-35-M	116	4.57	58	2.28	65	2.55	M12	1/4"	N/A	1/4"	0.610	1.344	0.430	0.947	1.040	2.292
FP-35-L	136	5.35	58	2.28	65	2.55	M12	1/4"	N/A	1/4"	0.700	1.543	0.530	1.278	1.280	2.281
FP-50-M*	154	6.07	84	3.31	N/A	N/A	N/A	1/4"	1/4"	1/4"	1.750	3.858	1.500	3.307	3.250	7.165
FP-60-M*	154	6.07	94	3.70	N/A	N/A	N/A	1/4"	3/8"	1/4"	2.100	4.629	2.150	4.740	4.250	9.369
FP-95-M*	156	6.15	140	5.52	N/A	N/A	N/A	3/8"	3/8"	N/A	4.500	9.921	4.900	10.802	9.400	20.723

*NOTE The FP-50-M, FP-60-M and FP-90-M are supplied with square base plates (G) attached for alternative fixing using 4 off bolts instead of the M16 single stud. This increases the overall length by 19-20mm (H).

Plate Dimensions are

FP-50-M 90 mm x 90 mm x 20 mm thick
 FP-60-M 110 mm x 110 mm x 20 mm thick
 FP-95-M 150 mm x 150 mm x 19 mm thick

4 Holes 8.8 mm dia. 72 mm x 72 mm pitch
 4 Holes 8.8 mm dia. 90 mm x 90 mm pitch
 4 Holes 13.0 mm dia. 124 mm x 124 mm pitch






PNEUMATIC LINEAR VIBRATORS - LUBRICATION FREE

MODEL FPLF

- Linear Vibration
- Ideal for arduous conditions
- Force 34 N to 1080 N
- Frequency and amplitude adjustable independently
- Suitable for temperature up to 50 °C

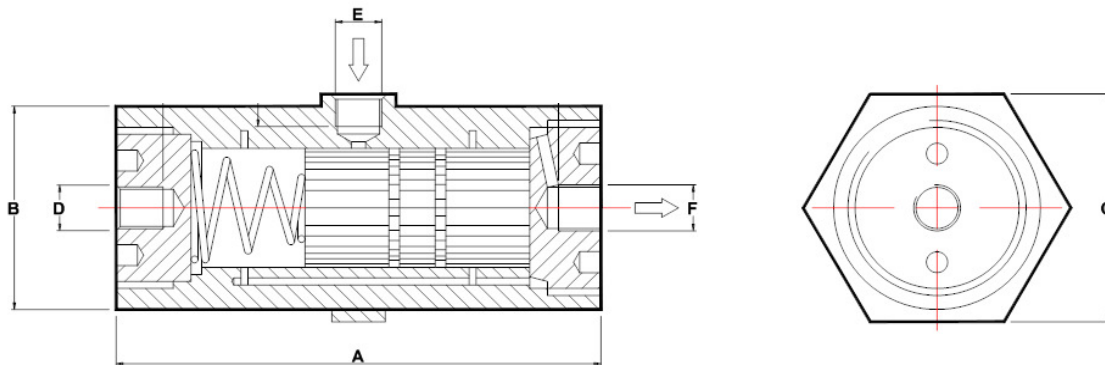
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PERFORMANCE DATA

TYPE	Frequency V.P.M.			Linear Force Measured						Air Consumption / Minute						Noise Level	
	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	2 Bar litre	29 PSI CFM	4 Bar litre	58 PSI CFM	6 Bar litre	87 PSI CFM	A** dB	A*** dB
FPLF-12-XS	6000	9000	11500	22	4.8	48	10.6	68	15	0.8	0.03	6	0.21	15	0.53	60-64	N/A
FPLF-12-S	6200	7800	9300	34	7.7	70	16	92	21	0.8	0.03	7.5	0.26	25	0.88	57-61	N/A
FPLF-12-M	5000	6000	6700	37	7.7	58	13	74	17	0.5	0.02	4	0.14	19	0.67	57-61	N/A
FPLF-12-L	4000	4800	5400	32	7.2	58	13	81	18	1	0.04	3	0.11	20	0.71	58-60	N/A
FPLF-18-S	5000	6400	7700	66	15.0	134	30	187	42	5	0.18	33	1.16	57	2.00	62-71	N/A
FPLF-18-M	4000	5000	5900	68	15.0	134	30	188	42	4	0.14	28	1.00	52	1.84	61-67	N/A
FPLF-18-L	3100	4000	4600	64	14.0	150	34	206	46	5	0.18	23	0.81	46	1.62	61-68	N/A
FPLF-25-S	3600	4300	5500	126	28	270	61	416	94	13	0.46	54	1.91	93	3.28	70-75	61-67
FPLF-25-M	3000	3800	4200	142	32	364	82	504	113	23	0.81	50	1.76	87	3.07	73-75	62-66
FPLF-25-L	2400	3100	3700	186	42	392	88	594	134	18	0.64	62	2.19	93	3.28	72-75	60-65
FPLF-35-S	3800	4700	5800	294	66	668	150	1038	234	23	0.81	101	3.56	162	5.72	72-77	71-73
FPLF-35-M	3000	4000	4600	248	56	778	175	1080	243	24	0.84	83	2.93	141	4.98	74-78	70-73
FPLF-35-L	2400	3100	3600	282	63	680	153	1066	240	38	1.34	89	3.14	135	4.77	74-78	68-74
FPLF-50-M*	1850	2300	2800	490	110	970	218	1600	360	48	1.67	100	3.48	190	6.61	70-77	-
FPLF-60-M*	1950	2400	2700	610	137	1400	315	2170	489	90	3.13	160	5.57	270	9.39	73-79	-
FPLF-95-M*	1800	2400	2800	1500	338	2620	590	4270	962	170	5.91	320	11.13	450	15.65	85-92	-

NOTE ** With customary silencer *** With 1/4" Free Flow Silencer



DIMENSIONS

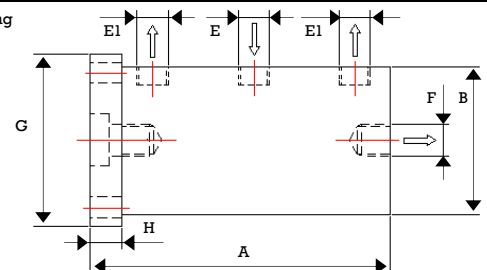
TYPE	A		B		C		D Metric Thread	E BSP Thread	E1 BSP Thread	F BSP Thread	Weight of Body		Weight of Piston		Total Weight*	
	mm	inch	mm	inch	mm	inch					kg	lbs	kg	lbs	kg	lbs
FPLF-12-XS	50	1.97	31	1.22	34	1.34	M8	1/8"	N/A	1/8"	0.092	0.202	0.013	0.029	0.105	0.231
FPLF-12-S	71	2.80	31	1.22	34	1.34	M8	1/8"	N/A	1/8"	0.125	0.275	0.020	0.045	0.145	0.320
FPLF-12-M	81	3.19	31	1.22	34	1.34	M8	1/8"	N/A	1/8"	0.140	0.309	0.030	0.066	0.170	0.375
FPLF-12-L	94	3.70	31	1.22	34	1.34	M8	1/8"	N/A	1/8"	0.165	0.360	0.040	0.090	0.205	0.450
FPLF-18-S	81	3.19	40	1.57	42	1.65	M10	1/8"	N/A	1/8"	0.220	0.485	0.060	0.135	0.280	0.620
FPLF-18-M	94	3.70	40	1.57	42	1.65	M10	1/8"	N/A	1/8"	0.260	0.575	0.080	0.175	0.340	0.750
FPLF-18-L	109	4.29	40	1.57	42	1.65	M10	1/8"	N/A	1/8"	0.300	0.660	0.110	0.240	0.410	0.900
FPLF-25-S	98	3.86	48	1.89	50	1.97	M12	1/8"	N/A	1/4"	0.375	0.825	0.155	0.345	0.530	1.170
FPLF-25-M	116	4.57	48	1.89	50	1.97	M12	1/8"	N/A	1/4"	0.435	0.955	0.215	0.475	0.650	1.430
FPLF-25-L	136	5.35	48	1.89	50	1.97	M12	1/8"	N/A	1/4"	0.500	1.100	0.290	0.640	0.790	1.740
FPLF-35-S	98	3.86	58	2.28	65	2.55	M12	1/4"	N/A	1/4"	0.530	1.168	0.315	0.694	0.845	1.862
FPLF-35-M	116	4.57	58	2.28	65	2.55	M12	1/4"	N/A	1/4"	0.610	1.344	0.430	0.947	1.040	2.292
FPLF-35-L	136	5.35	58	2.28	65	2.55	M12	1/4"	N/A	1/4"	0.700	1.543	0.530	1.278	1.280	2.821
FPLF-50-M*	154	6.07	84	3.31	N/A	N/A	N/A	1/4"	1/4"	1/4"	1.750	3.858	1.500	3.307	3.250	7.165
FPLF-60-M*	154	6.07	94	3.70	N/A	N/A	N/A	1/4"	3/8"	1/4"	2.100	4.629	2.150	4.740	4.250	9.369
FPLF-95-M*	156	6.15	140	5.52	N/A	N/A	N/A	3/8"	3/8"	N/A	4.500	9.921	4.900	10.802	9.400	20.723

*NOTE The FPLF-50-M, FPLF-60-M and FPLF-90-M are supplied with square base plates (G) attached for alternative fixing using 4 off bolts instead of the M16 single stud. This increases the overall length by 19-20mm (H).

Plate Dimensions are

FPLF-50-M 90 mm x 90 mm x 20 mm thick
 FPLF-60-M 110 mm x 110 mm x 20 mm thick
 FPLF-95-M 150 mm x 150 mm x 19 mm thick

4 Holes 8.8 mm dia. 72 mm x 72 mm pitch
 4 Holes 8.8 mm dia. 90 mm x 90 mm pitch
 4 Holes 13.0 mm dia. 124 mm x 124 mm pitch






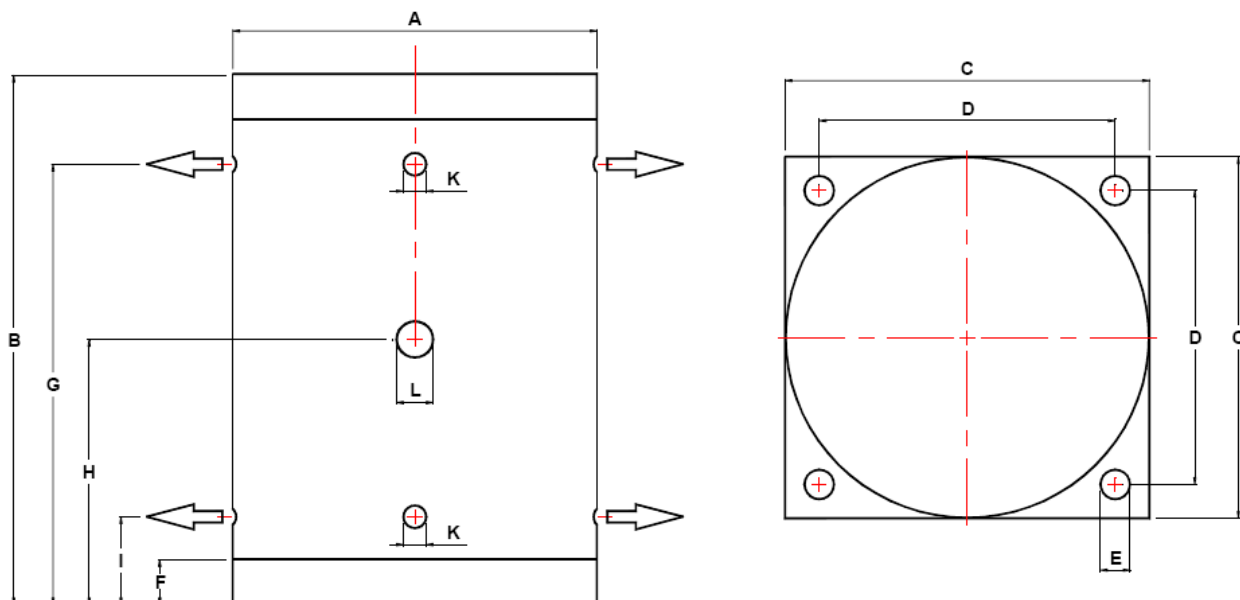
PNEUMATIC LINEAR VIBRATORS

MODEL VFP

- Linear Vibration
- Ideal for arduous conditions
- Force 400 N to 20600 N
- Frequency and amplitude adjustable independently
- Suitable for temperature up to 60 °C

On request can be supplied with ATEX certification
To ATEX 95 94/9/EC  II 2 G & D Zone 1, 2 & 21, 22

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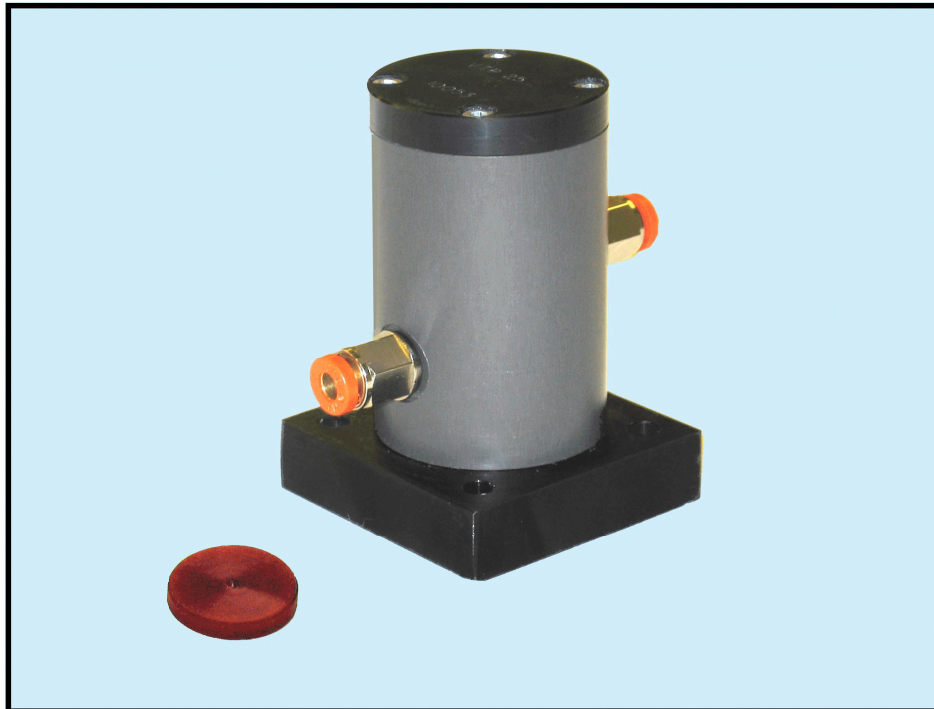


PERFORMANCE DATA

MODEL	Frequency RPM			Force N			Working Moment cm/Kg			Air Consumption l/min		
	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar
VFP 75/01	2890	3780	4450	400	770	1180	0.9	1	1.1	110	235	370
VFP 50/01	2280	2736	3260	450	750	1130	1.6	1.8	1.9	108	225	350
VFP 54/02	1630	2350	2760	450	1210	2130	3.1	4.0	5.1	100	300	420
VFP 50/04	2000	2500	3000	1130	2390	3500	5.2	7.0	7.1	126	282	450
VFP 50/10	1800	2300	2850	2160	4930	8020	13	17	18	150	700	940
VFP 30/10	840	1044	1300	1940	4780	8900	50	80	96	280	730	1060
VFP 50/20	1940	2120	2800	8050	13730	18640	39	43	56	794	1658	2280
VFP 30/20	1200	1300	1750	5890	12750	19600	75	117	138	1036	2246	3110
VFP 24/20	980	1200	1420	6870	14700	20600	130	186	186	1038	2076	3028

DIMENSIONS


MODEL	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	K inch	L inch	Body Wt kgs	Piston Wt kgs	Total Wt kgs
VFP 75/01	79	115	90	72	8.5	20	81	60	38	1/4"	1/4"	1.1	0.8	1.9
VFP 50/01	79	155	90	72	8.5	20	121	80	40	1/4"	1/4"	1.5	1.4	2.9
VFP 54/02	100	156	110	90	9	19	111	77.5	44	3/8"	3/8"	2.3	1.6	3.9
VFP 50/04	140	157	150	124	13	20	112	89	45	3/8"	3/8"	11.6	4.3	15.9
VFP 50/10	190	157	200	165	17	20	110	79	45	3/8"	1/2"	20	9	29
VFP 30/10	190	340	200	165	17	20	290	170	50	3/8"	1/2"	41	25	66
VFP 50/20	250	190	250	210	21	30	134	95	57	3/8"	3/4"	42	19	61
VFP 30/20	250	278	250	210	21	30	218	139	61	3/8"	3/4"	54	37	91
VFP 24/20	250	360	250	210	21	30	298	180	62	3/8"	3/4"	68	54	122



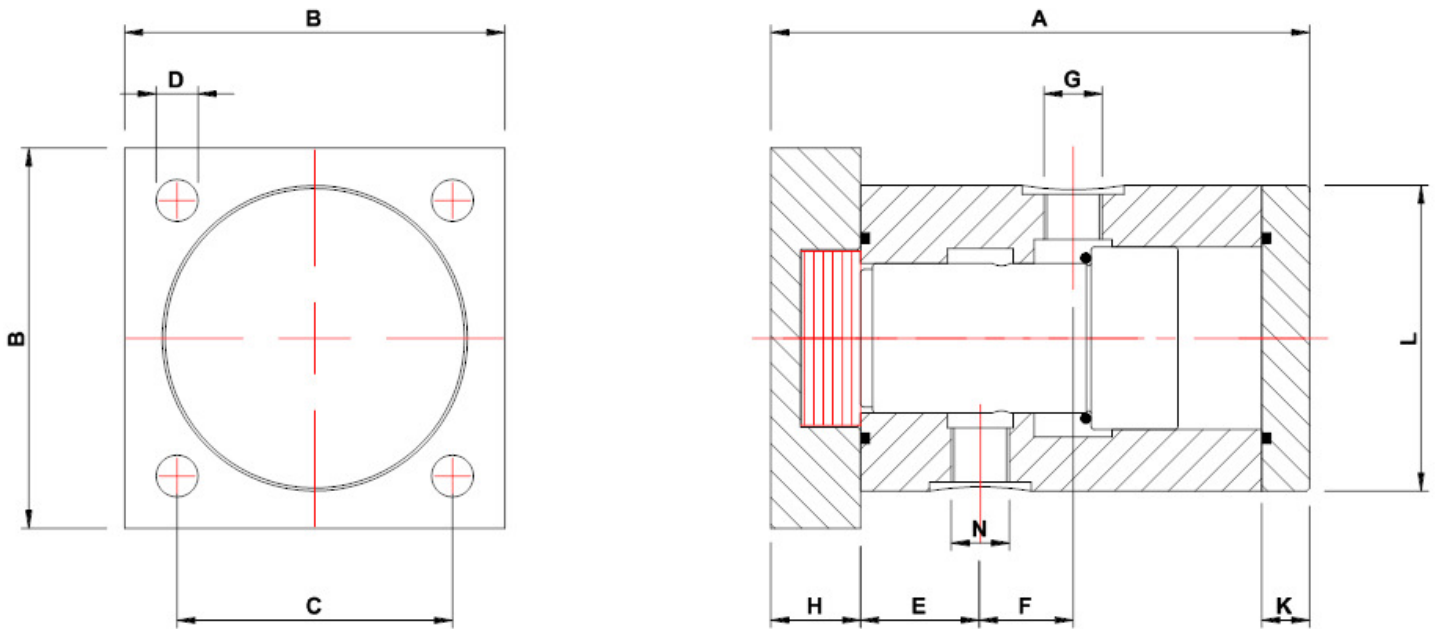
PNEUMATIC LINEAR VIBRATORS - CUSHIONED & IMPACTING

MODEL VTP 25

- Linear Vibration
- Force 66 N to 500 N
- Frequency and amplitude adjustable independently
- Suitable for temperature up to 80 °C

On request can be supplied with ATEX certification
To ATEX 95 94/9/EC  II 2 G & D Zone 1, 2 & 21, 22

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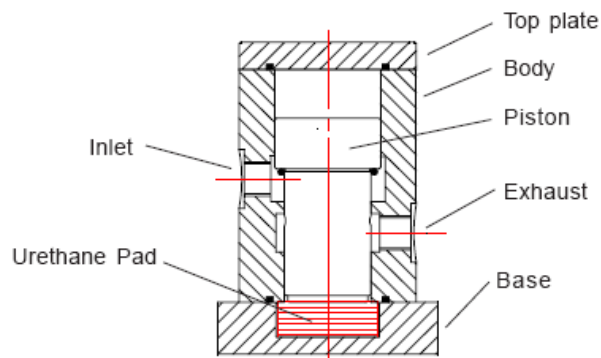


PERFORMANCE DATA

MODEL	Nominal Frequency RPM			Force N			Air Consumption L/min		
	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar
VTP 25 CUSHIONED	2600	3200	3800	66	164	260	18	56	122
VTP 25 IMPACTING	4780	6900	8380	130	310	500	25	72	160

DIMENSIONS

MODEL	A mm	B mm	C mm	D mm	E mm	F mm	G BSP	H mm	K mm	L mm	N BSP	Wt kgs
VTP 25	90	63.5	46	6.5	35	15.5	1/8"	15	8	51	1/8"	0.635






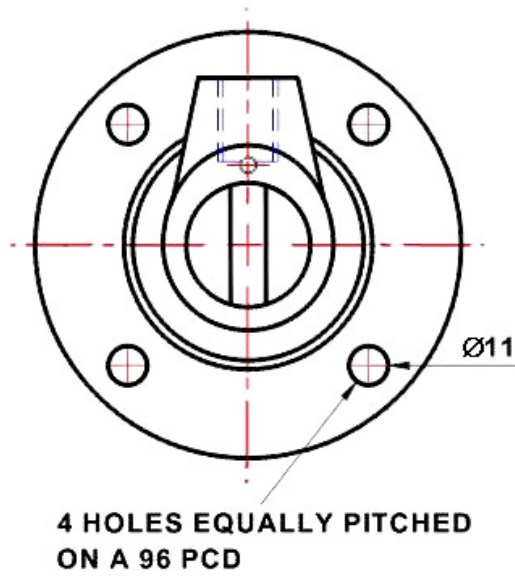
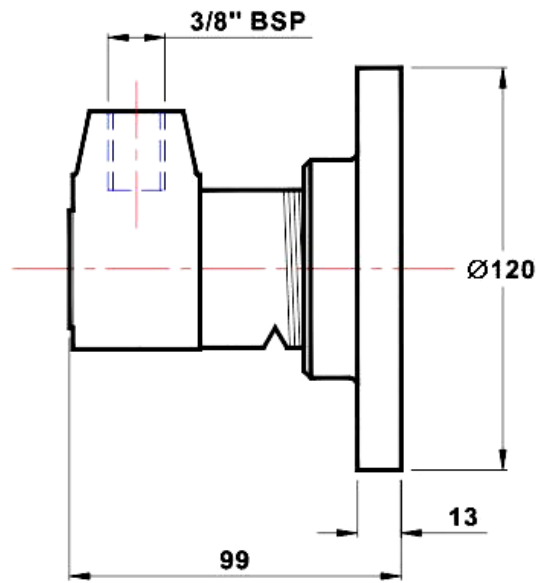
PNEUMATIC IMPACTING VIBRATORS

MODEL V1

- Linear Vibration
- Robust Unit

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PERFORMANCE DATA


MODEL	Piston Dia. mm	Stroke mm	Height mm	Fixing Bolts	Impacts per/min	Air Consumption l/min	Working Pressure	Weight kgs
V1	28.5	25.4	99	M10	4000	160	6 Bar	2.04



PNEUMATIC IMPACTING VIBRATORS

MODEL V150 - V170 - V200

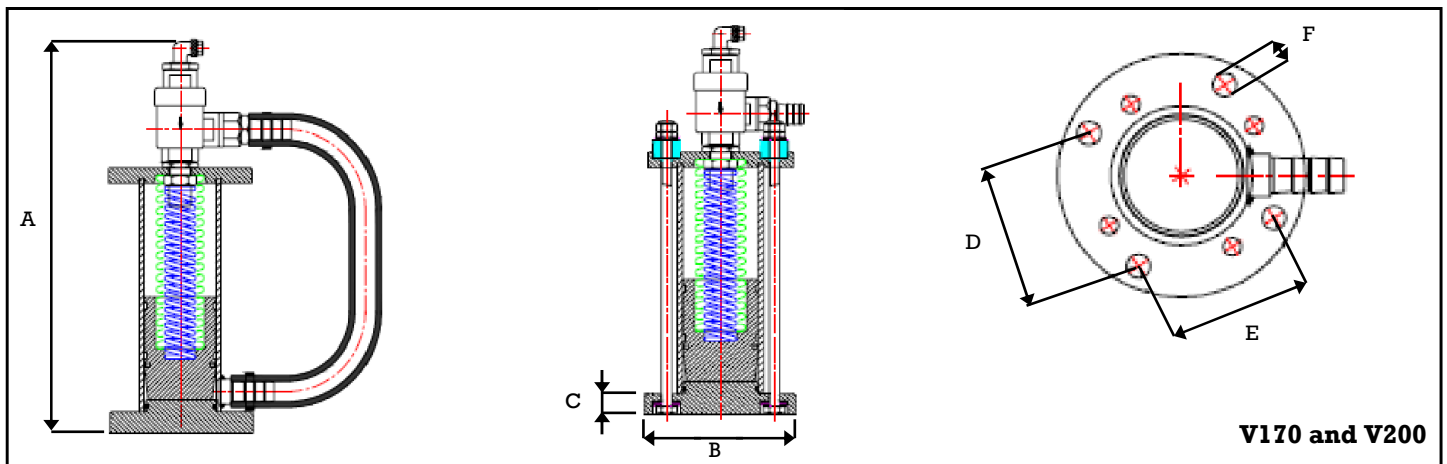
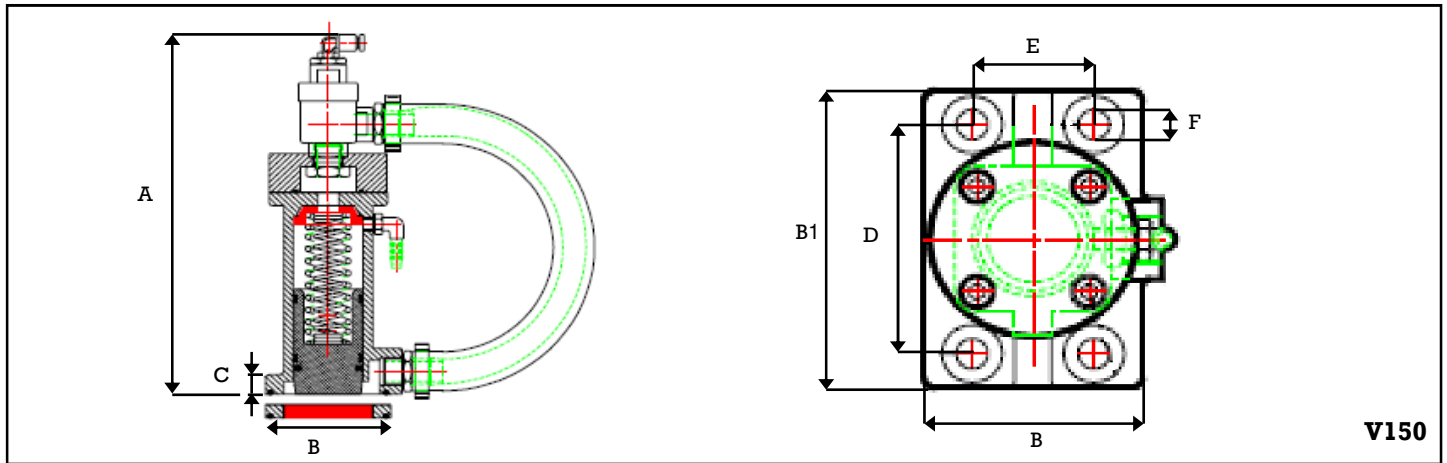
- Linear Impactor
- High Force
- Robust Construction
- Suitable for temperature up to 80 °C

On request can be supplied with ATEX certification
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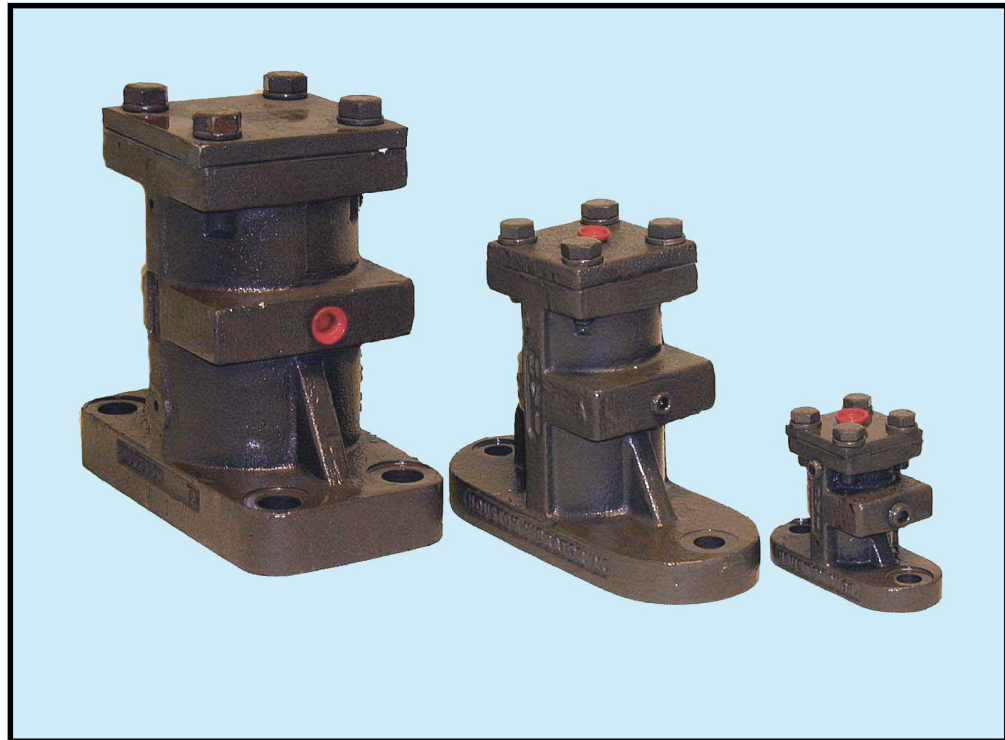
PERFORMANCE DATA

MODEL	Impacts per Minute @ 5.5 Bar	Air Consumption @ 5.5 Bar	Hopper Wall mm	Weight kgs
V150S	Single Impact	0.8 litres per impact	2 - 4	3.30
V150C	Continuous Impacts - variable from 6-100/min	0.8 litres per impact	2 - 4	3.80
V170S	Single Impact	1.7 litres per impact	3 - 5	11.0
V170C	Continuous Impacts - variable from 6-100/min	1.7 litres per impact	3 - 5	11.5
V200S	Single Impact	3.6 litres per impact	4 - 8	22.0
V200C	Continuous Impacts - variable from 6-100/min	3.6 litres per impact	4 - 8	22.5



DIMENSIONS

MODEL	A mm	B x B1 mm	C mm	D mm	E mm	F mm
V150	278	90 x 130	15	100	50	Ø13
V170	381	Ø140	20	81.5	81.5	Ø13.5
V200	412.5	Ø180	24	107.5	107.5	Ø17

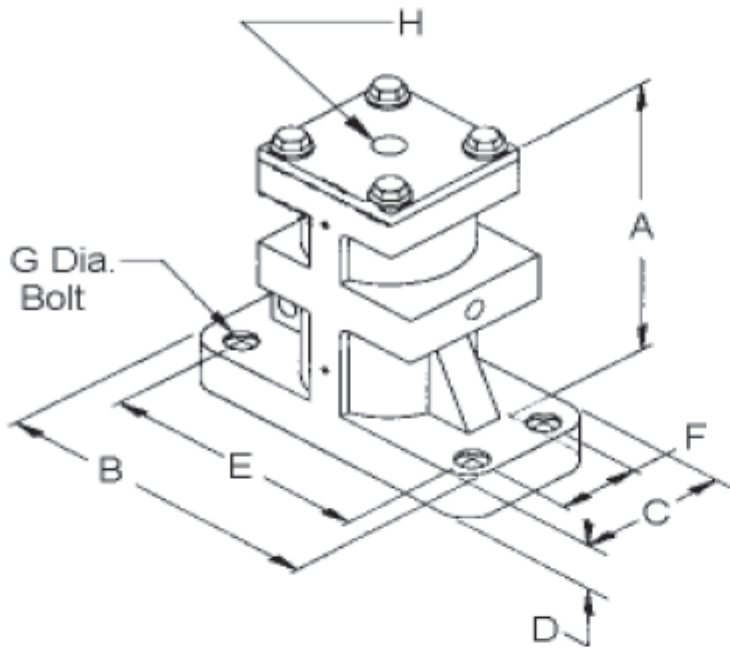


PNEUMATIC IMPACTING VIBRATORS

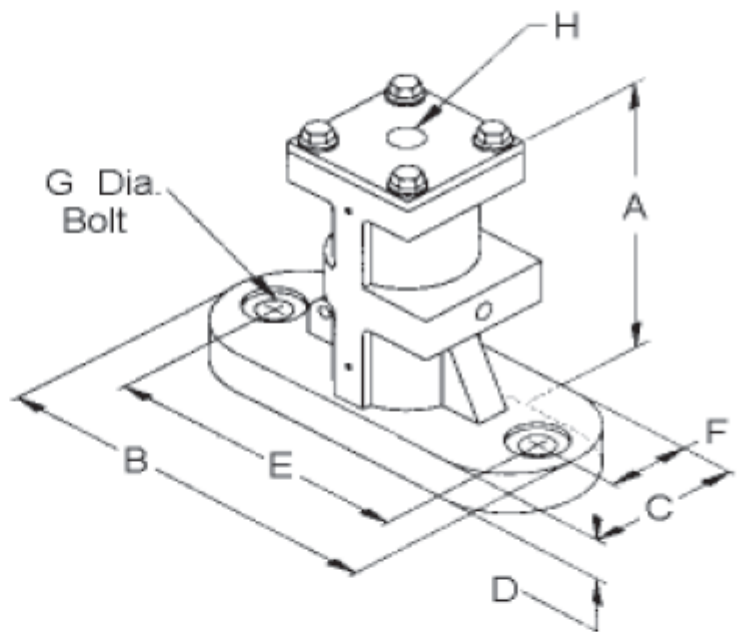
MODEL BV

- Linear Vibrator
- Continuous running or single impact
- Force 330 N to 26050 N

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Models BV 312,425 and 650



Models BV 112, 150 and 225

MODEL	Piston Diam mm	Weight Kgs	Hopper Wall mm	Capacity in Sloping Section
BV 112	28	1.8	1.5 - 3.0	0.15 m ³
BV 150	38	4.1	1.5 - 3.0	0.4 m ³
BV 225	57	9.5	4.0 - 6.0	1.7 m ³
BV 312	80	24.0	6.0 - 10.0	8 m ³
BV 425	108	44.4	10.0 - 12.5	35 m ³
BV 650	165	176.0	10.0 & Up	200 m ³

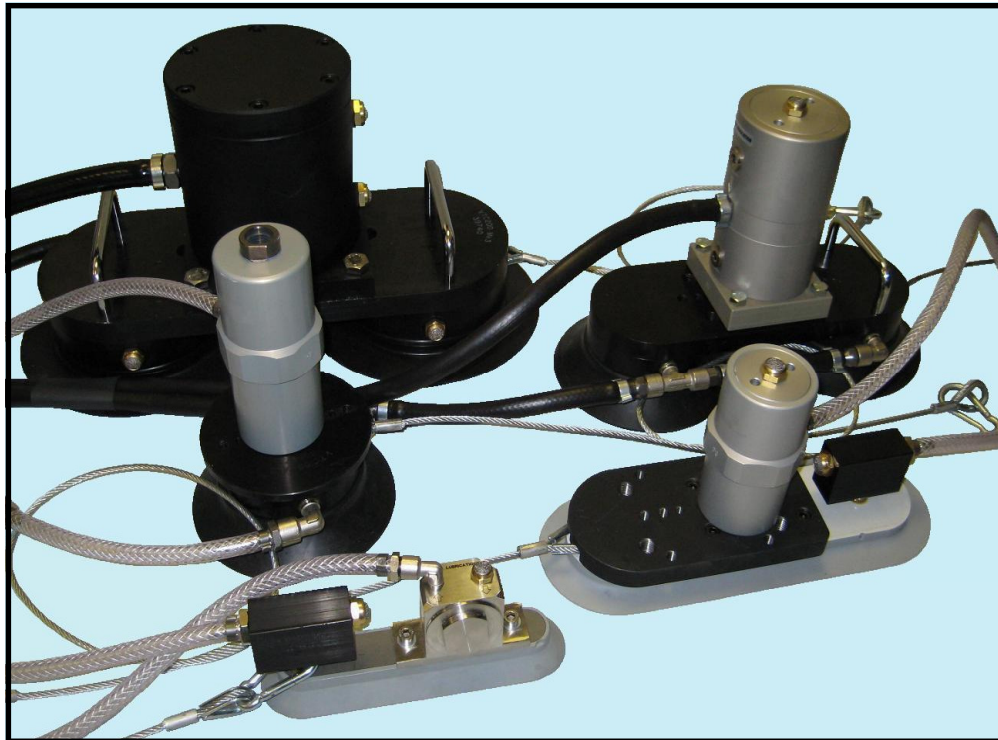
DIMENSIONS

MODEL	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H
BV 112	33.1	114.3	50.8	12.7	88.9	25.4	12.7	1/4" BSP
BV 150	139.7	152.4	63.5	19.0	114.3	31.7	12.7	1/4" BSP
BV 225	184.1	228.6	88.9	25.4	190.5	44.4	15.8	1/4" BSP
BV 312	241.3	241.3	127.0	34.9	196.8	82.5	22.2	3/8" BSP
BV 425	304.8	355.6	152.6	38.1	304.8	101.6	25.4	1/2" BSP
BV 650	508.0	355.6	254.0	50.8	279.4	177.8	38.1	1/2" BSP

PERFORMANCE DATA

SINGLE IMPACTING FORCE (kgs/m)			
MODEL	2 Bar	4 Bar	6 Bar
BV 112	0.15	0.29	0.44
BV 150	0.69	1.38	2.08
BV 225	0.97	4.01	5.98
BV 312	5.67	11.35	16.88
BV 425	21.18	42.21	62.00
BV 650	29.89	59.79	89.68


CONTINUOUS IMPACTING									
MODEL	2 Bar (30 PSI)			4 Bar (60 PSI)			6 Bar (88 PSI)		
	Force (kgs)	Freq. RPM	Air L/ min	Force (kgs)	Freq. RPM	Air L/ min	Force (kgs)	Freq. RPM	Air L/ min
BV 112	33.1	4450	26	62.1	6200	57	97.5	7850	126
BV 150	62.1	3175	52	128	4600	98	182	5500	166
BV 225	144	2800	115	235	3600	172	318	4200	207
BV 312	314	2175	215	546	2900	301	787	3500	344
BV 425	474	1525	221	759	1950	373	1137	2400	451
BV 650	1319	975	708	2818	1425	1584	4525	1875	2605



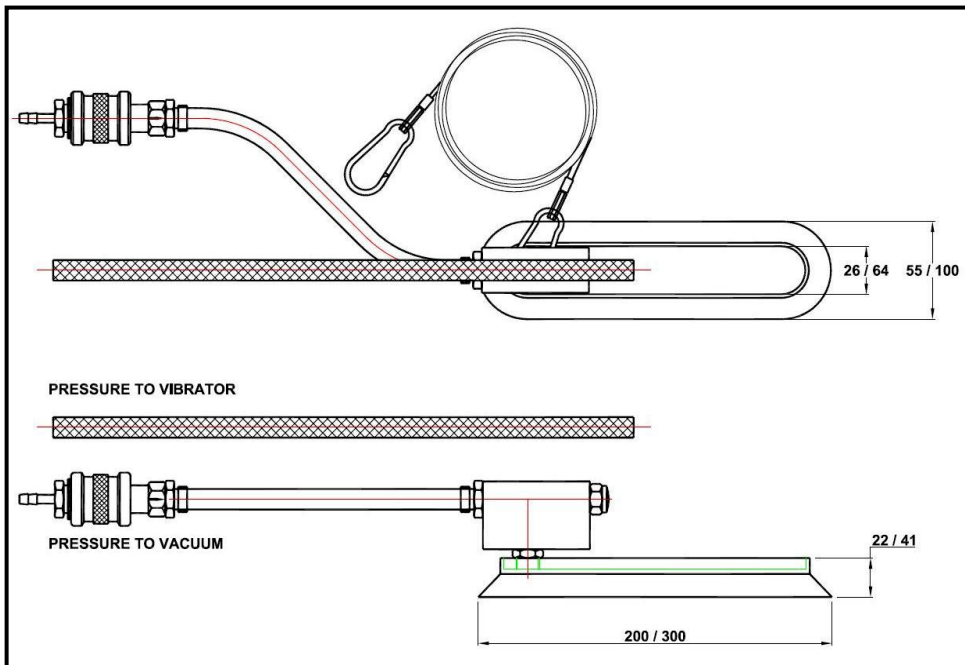
VACUUM CLAMPS

MODEL VTC

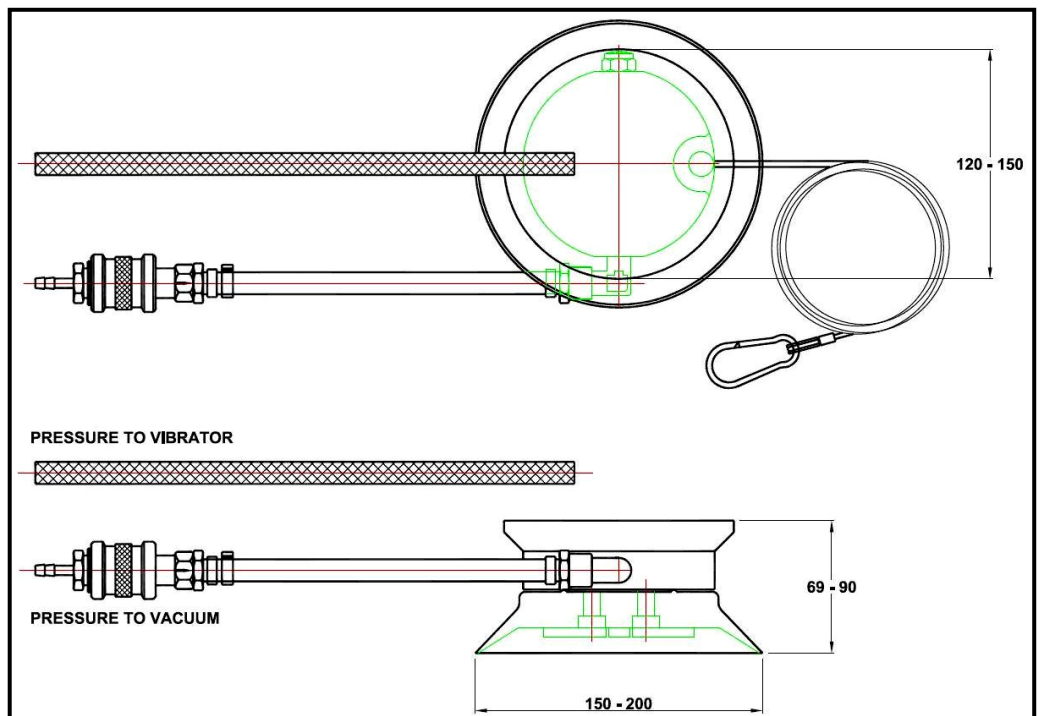
- Strong Vacuum Connection
- Quick Attachment
- Easy to use
- Ideal for flat or curved surfaces

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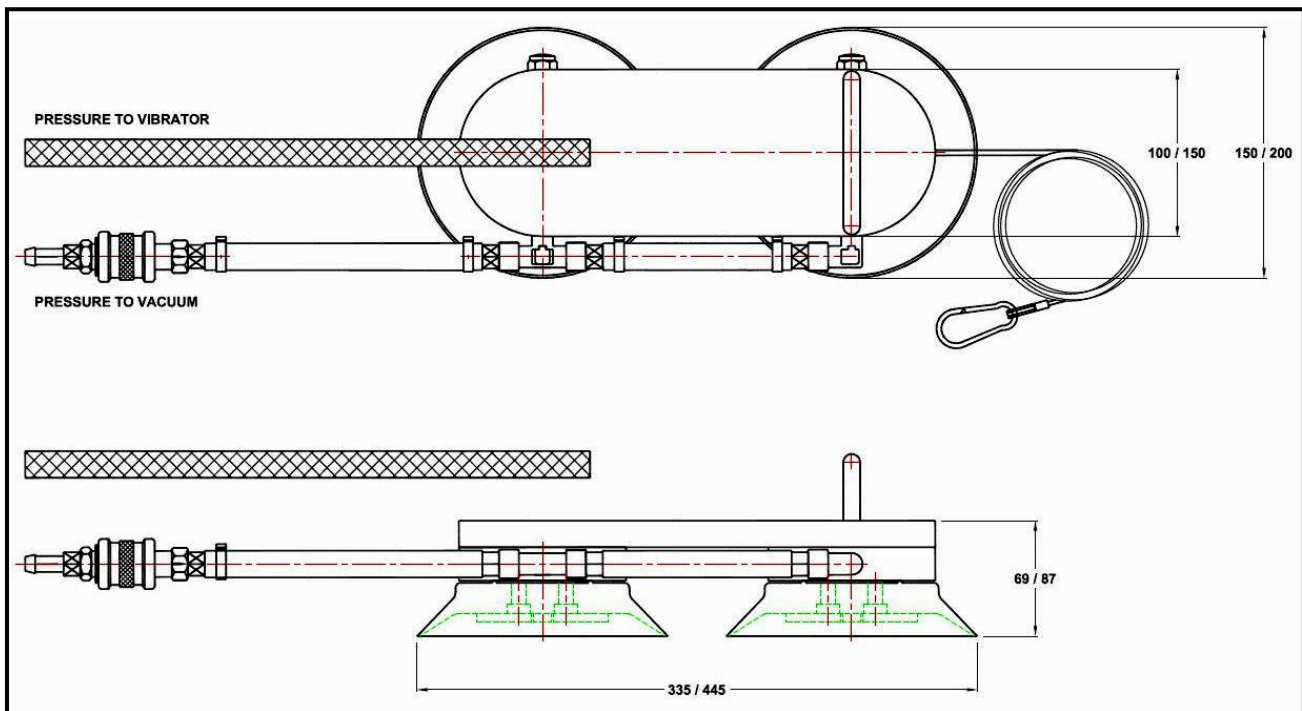
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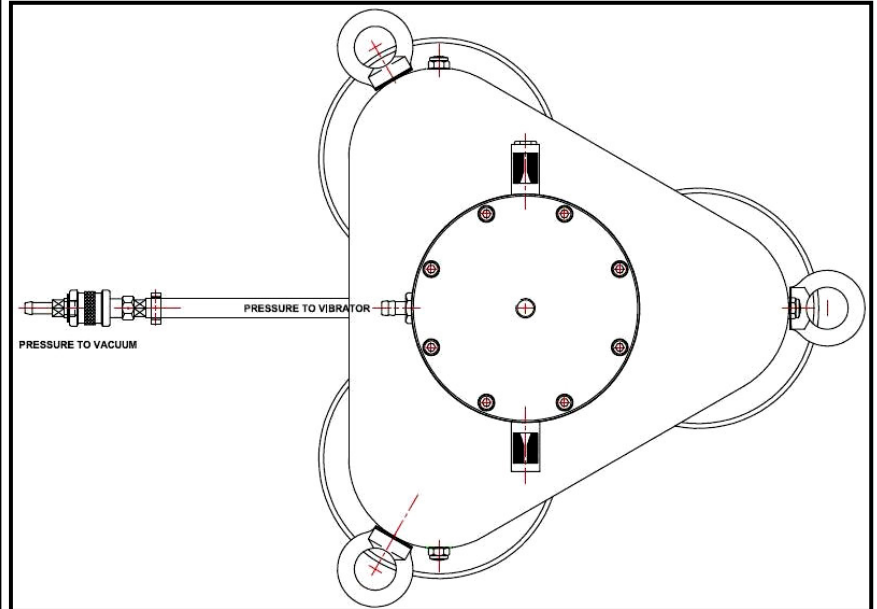
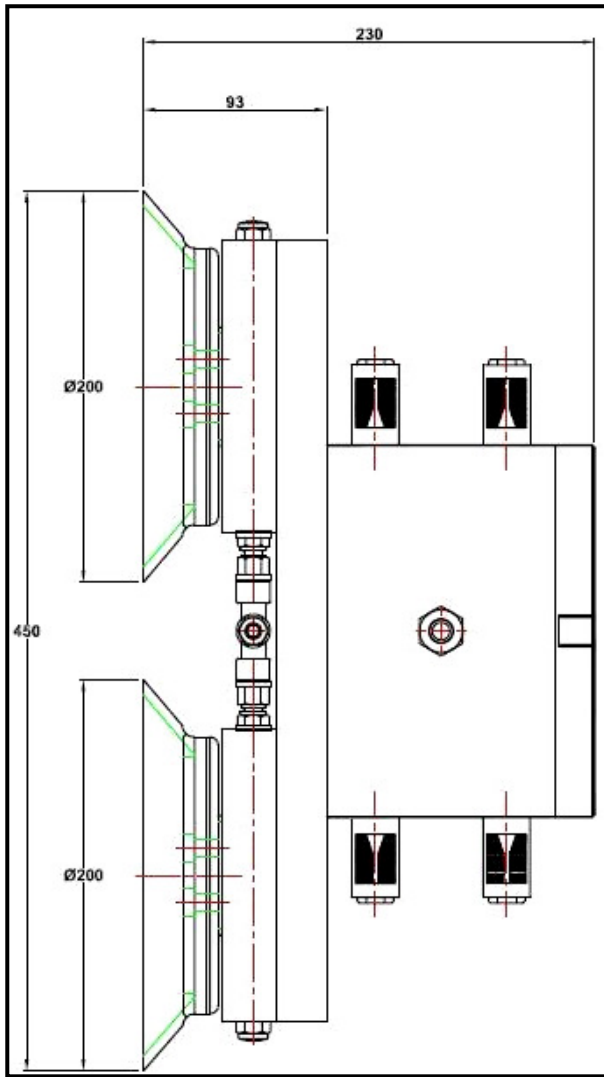
VTC 15/20S



VTC 15/20D

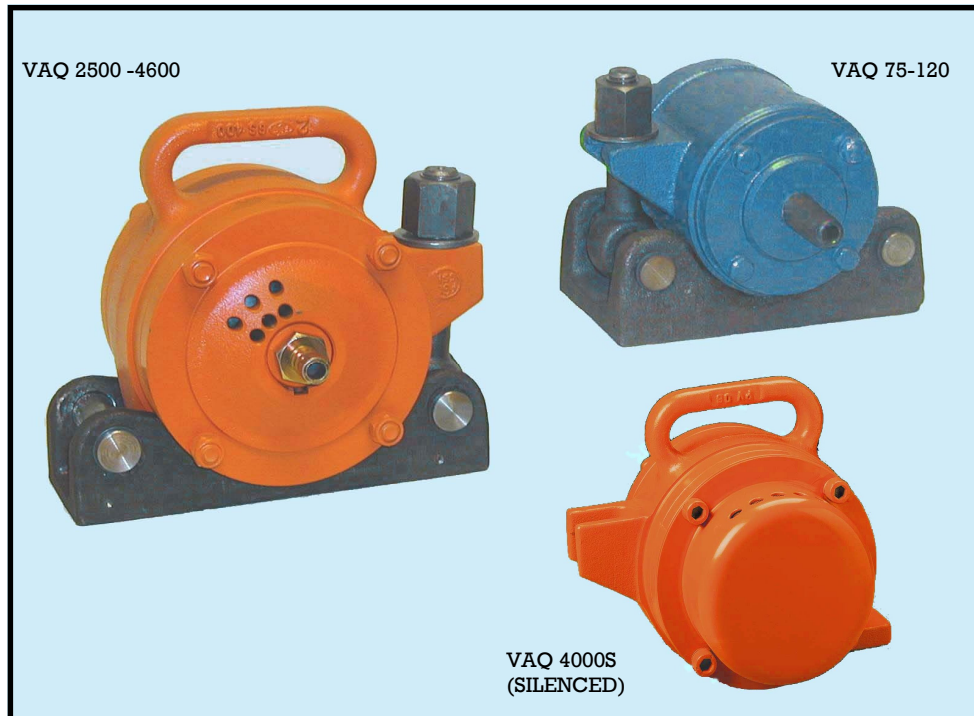


VTC 20T



COMPATIBILITY


MODEL	COMPATIBLE UNITS	Min Diameter mm	Air Consump. CFM (litr)	Weight (Kgs)
VTC 10S	DAR2, K8-10, GT4-10, FP12-18, R50, T50, VTL155-165, FAL 18	110	2.79 (79)	1.5
VTC 12S	DAR2 / DAR4, K8-25, FP25-35, R50-80, GT08-25, T50-80, V150	350	2.79 (79)	3.0
VTC 15S	DAR2-3, K8-16, GT4-16, FP12-18, R50-65, T50-65, VTL155-255, FAL18-25	760	2.79 (79)	2.5
VTC 15D	DAR4, GT20-30, K20-36, R80, T80, FP25-FP35, FAL25-35, FP50M, VFP75/01, VFP50/01	760	5.58 (158)	4.5
VTC 20S	K20-25, GT20-25, FP50M-60M, FAL35, R80, T80, VFP54/02	860	2.79 (79)	4.0
VTC 20D	DAR5, GT30-48, R100-120, T100HP, FP60M, FP95M	860	5.58 (158)	8.5
VTC 20T	VFP50/10	4600	8.37 (237)	18.0



PNEUMATIC EXTERNAL VIBRATORS

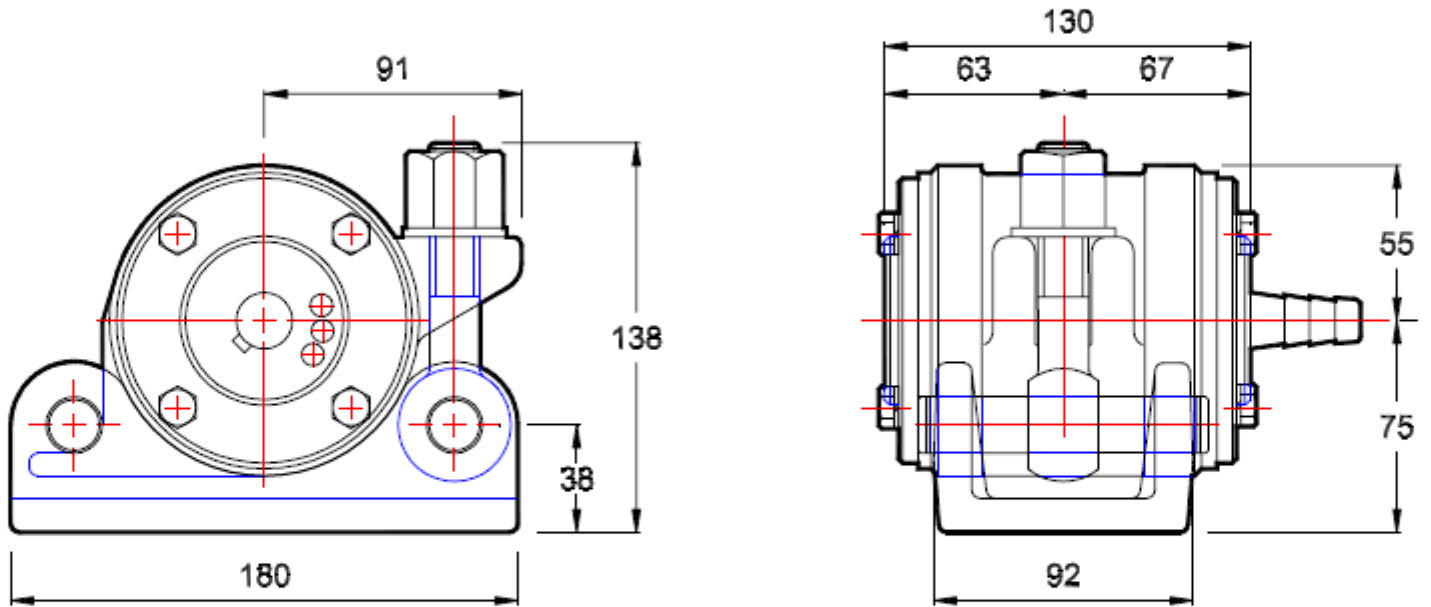
MODEL VAQ

- Rotary Vibration
- Force 750 kg to 6000 kg
- Variable Force / Frequency by air pressure
- Quick Release

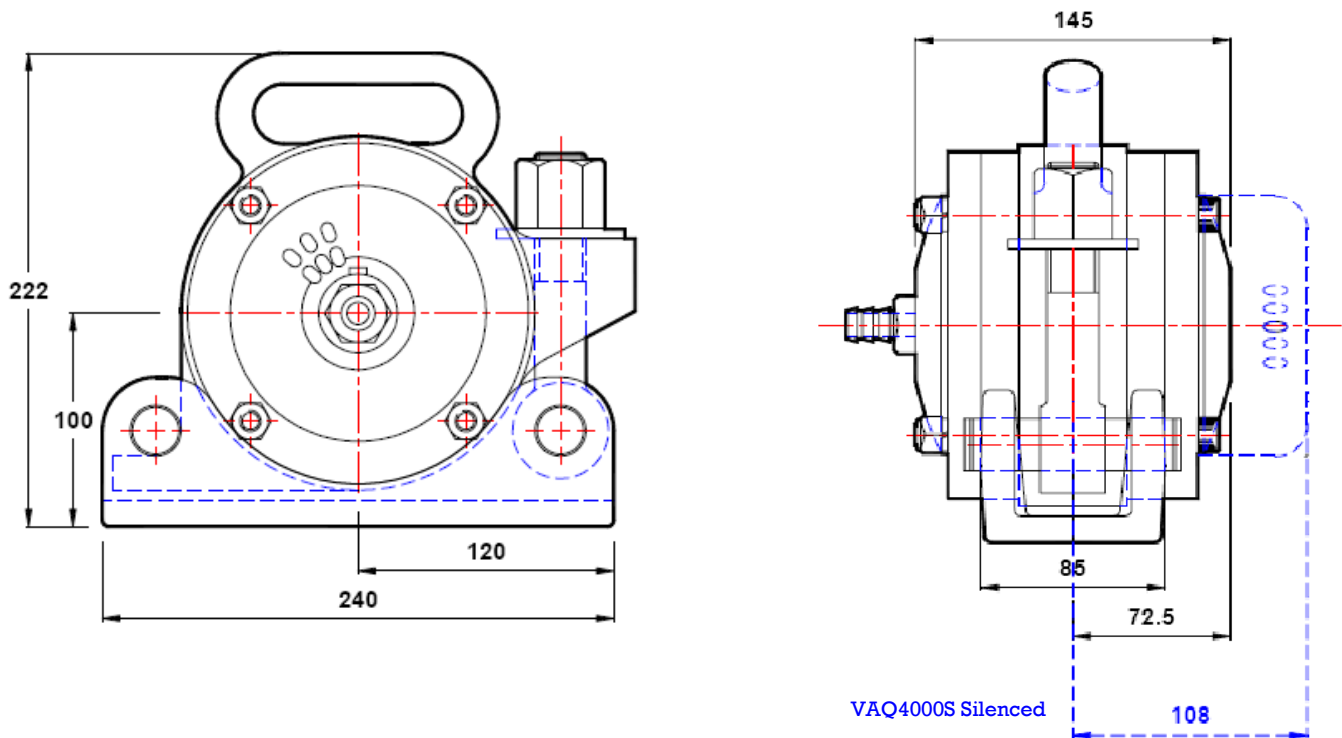
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VAQ 75 & 120 fitted to QR2 weld-on bracket



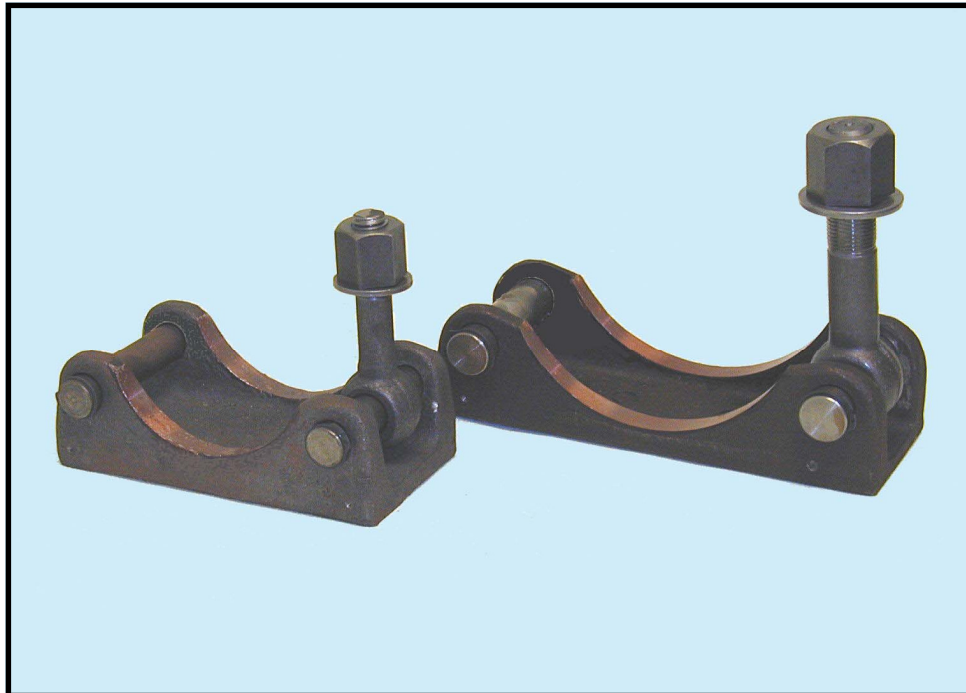
VAQ 2500, 4500 & 6000 fitted to QR4 weld-on bracket



TECHNICAL CHARACTERISTICS

TYPE	VAQ 75	VAQ 120	VAQ 2500	VAQ 4000	VAQ 4000S	VAQ 4500	VAQ 6000
C' Force (kgs)	750	1200	2500	4000	4000	4500	6000
Amplitude (mm)	1.2	1.5	3.8	2.1	5.9	6.7	3.1
Frequency (v.p.m.)	13000	13000	9000	15000	8500	8500	14500
Air / con (L/m)	1170	1170	1450	1630	1500	1660	1840
Weight (kgs)	7.9	8	13.2	15.8	18	16.5	17.0
Weld-on Bracket	QR2	QR2	QR4	QR4	QR4	QR4	QR4

NOTE : Special silenced version VAQ4000S has noise level of 90 dBA.
Performance data established in free air with a supply pressure of 6 bar (87 P.S.I.)

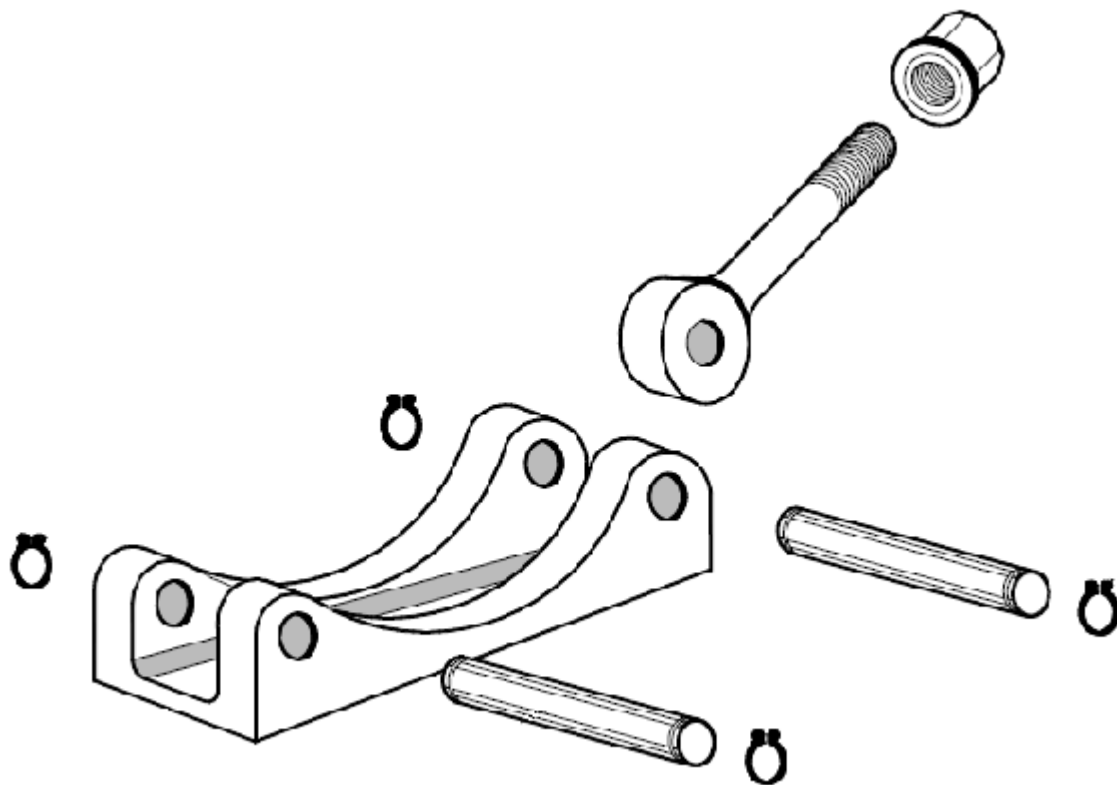


QUICK RELEASE BRACKET

MODEL QR

- Weld on Bracket
- Quick Release

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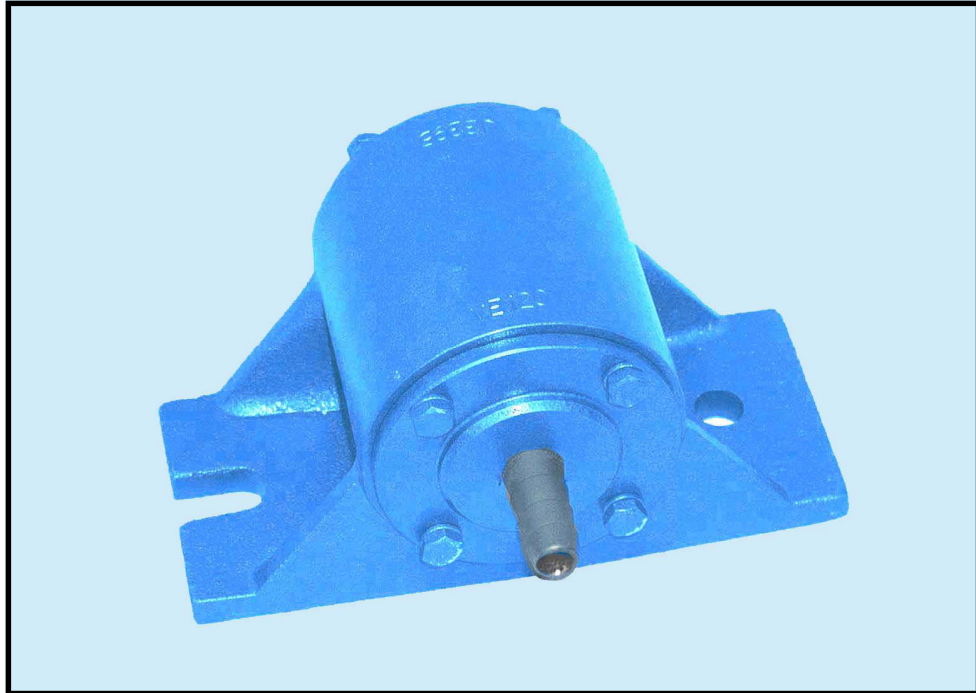


DIMENSIONS

TYPE	LENGTH	WIDTH	WEIGHT (Kgs)
QR 2	180	95	3.15
QR 4	240	86	4.75

COMPATABILITY


TYPE	COMPATIBLE UNITS
QR 2	VAQ 75, VAQ 120, VTHF 6/500 RS
QR 4	VAQ 2500, VAQ 4000, VAQ 4500, VAQ6000 ITVAF 6/1210 RS, ITVAF 6/1510 RS, ITVAF 9/1110 RS ITVAF 9/1510 RS, ITV-VR/1210 RS, ITV-VR/2010 RS VTHF 6/1000 RS, VTF 3/800 RS



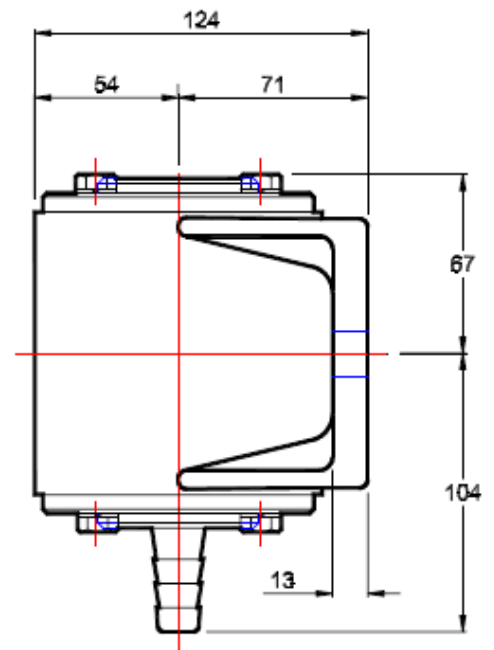
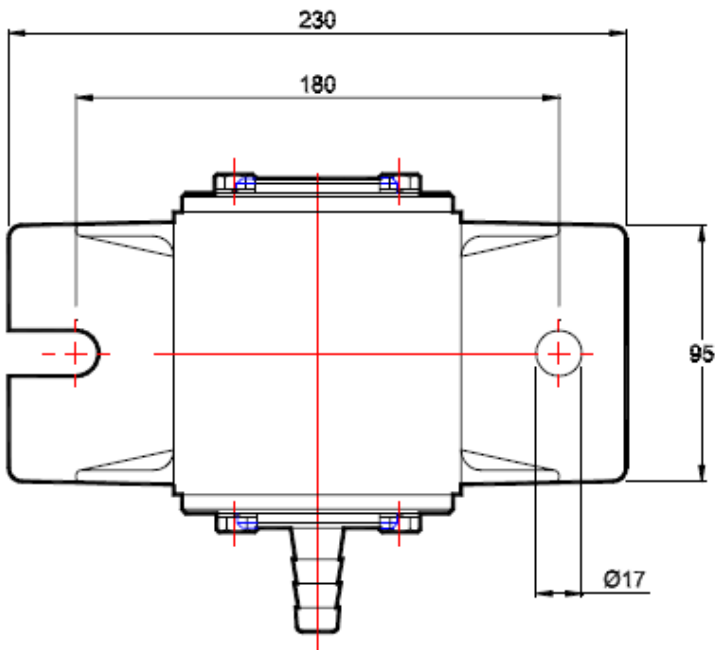
PNEUMATIC EXTERNAL VIBRATORS

MODEL VE

- Rotary Vibration
- Force 750 - 1200 Kgs
- Variable Force by Air Pressure
- Variable Frequency by Air Pressure

On request can be supplied with ATEX certification
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MODEL		VE 75	VE 120
Frequency	V.P.M.	13000	15000
Centrifugal Force	Newton's	7500	12000
Amplitude	mm	1.2	1.5
Air Consumption	litres/min	1170	1170
Weight	Kgs	9.6	10.2

Important Notice when using Vice Clamps

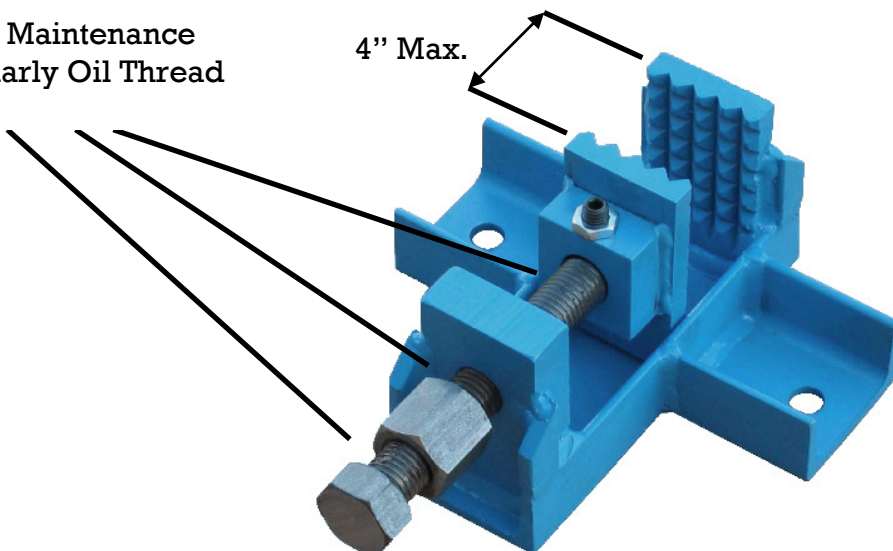
Vice clamps are for use in wooden shuttering only. So it **must not** be used on steel direct.

Attach vibrator using only M16 bolts, flat washers and spring washers and / or 'nyloc' nuts.

Check tightness of bolts before use and regularly during use

Good Maintenance
Regularly Oil Thread

4" Max.




Vice Clamp



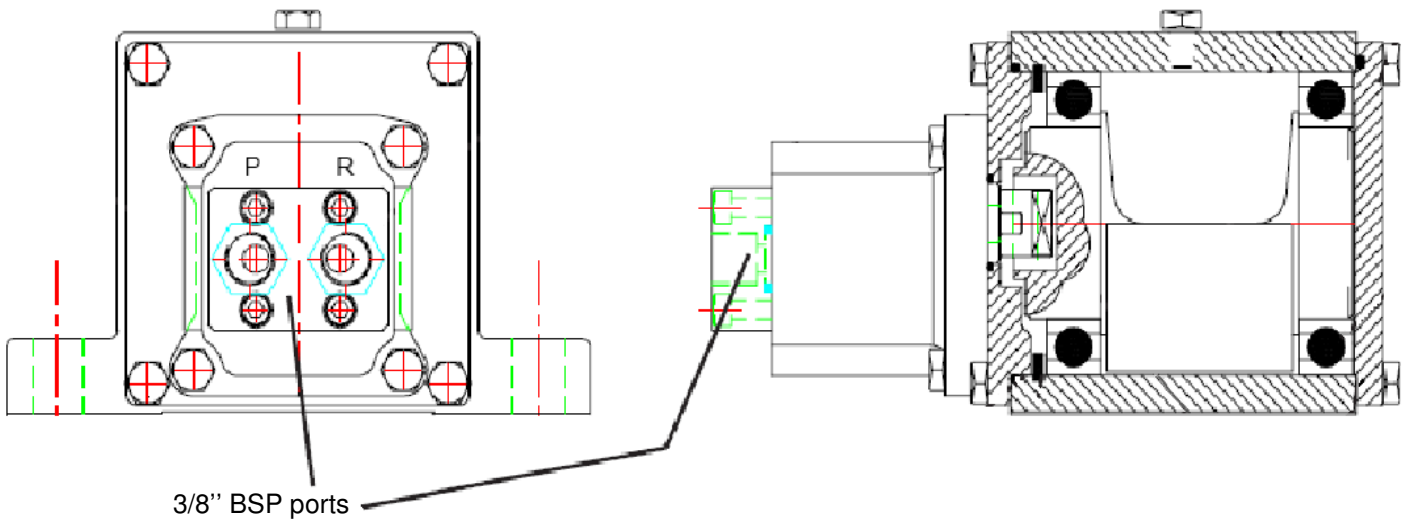
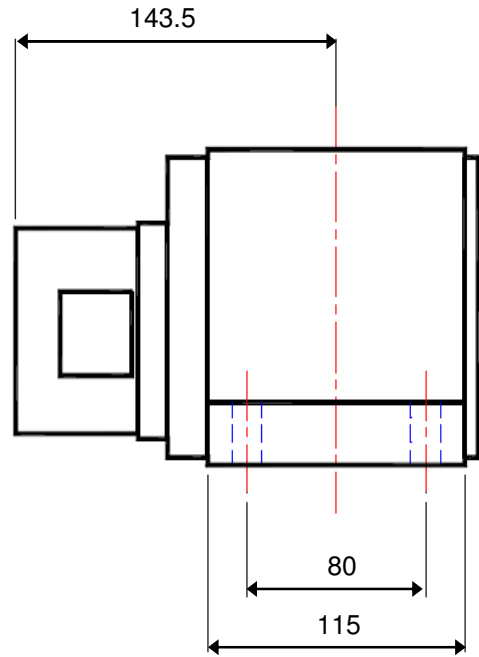
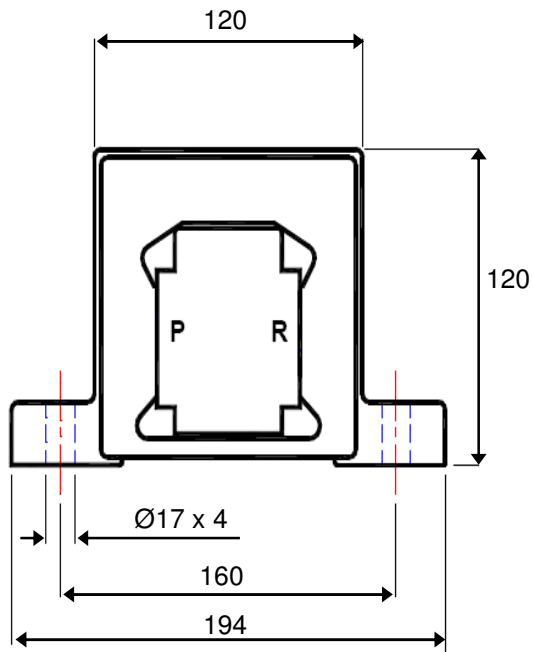
HYDRAULIC EXTERNAL VIBRATORS

MODEL VHE

- Rotary Vibrator
- High Amplitude
- Variable Frequency
- Lightweight

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PERFORMANCE DATA

TYPE	Weight (Kgs)	Working Moment (Cm/kg)	Continuous Operation			Intermittent Operation		
			RPM	Force (N)	L/Min	RPM	Force (N)	L/Min
VHE 5/500	6.35	2.05	6000	4065	12	7000	5545	14
VHE 5/900	7.5	6.6	4000	5865	8	5000	9090	10

Oil Pressure : 40 - 100 Bar

1 RPM = 2cc Oil Volume



ELECTRIC EXTERNAL VIBRATORS

MODEL MVSI

- Rotary Vibration
- Protection IP66 and 7
- Class F Insulation
- Large Terminal Connections
- 24 v to 690 v available
- Ambient temperature -30°C to +40°C
- Atex rated, zone 21,22 as standard

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ELECTRIC EXTERNAL VIBRATORS 2 POLES 3000 RPM MVSI



MODEL	Category	Frame Size	C/ Force Kgs	Power (w)	Curr (A)	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread x I.5	Weight Kgs	
													Dia.	No.								
MVSI 3/100	380/415v 3Ph 50Hz	00	121	180	0.35	A	211	153	125	62-74	106	24	9	4	61	46	103	100	117	M20	5.60	
MVSI 3/200		01	211	180	0.35	A	235	153	125	62-74	106	24	9	4	61	58	103	100	117	M20	6.40	
MVSI 3/300		10	304	260	0.60	A	255	179	152	90	125	28	13	4	73	54	127	128	141	M20	9.70	
MVSI 3/500		20	503	450	0.80	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M25	14.8	
MVSI 3/800		30	785	650	1.10	A	308	216	205	120	170	45	17	4	93.5	63	170	160	178	M25	16.8	
MVSI 3/1100		35	1105	1000	1.75	A	372	233	205	120	170	54	17	4	104.5	86	187	162	203	M25	23.0	
MVSI 3/1310		220/240v 1Ph 50Hz	AF33	1290	1300	2.10	A	355	213.5	215	100	180	47	17	4	92.5	81.5	164	140	179	M25	31.0
MVSI 3/1510			AF50	1545	1400	2.30	A	430	230	230	140	190	49	17	4	104	87.5	186	180	200	M25	39.5
MVSI 3/1810			AF50	1802	2000	3.30	A	430	230	230	140	190	49	17	4	104	87.5	186	180	200	M25	40.5
MVSI 3/2010			AF50	2059	2200	3.50	A	465	230	230	140	190	49	17	4	104	105	186	180	200	M25	48.7
MVSI 3/2310			AF50	2316	2200	3.50	A	465	230	230	140	190	49	17	4	104	105	186	180	200	M25	49.6
MVSI 3/3200			AF70	3457	4000	6.50	A	588	304	310	155	255	90	25	4	130	108	233	210	248	M25	94.0
MVSI 3/4000			AF70	3890	4000	6.50	A	588	304	310	155	255	90	25	4	130	108	233	210	248	M25	96.0
MVSI 3/5000			AF70	5187	5000	7.60	A	588	304	310	155	255	90	25	4	130	108	233	210	248	M25	109
MVSI 3/6510			90	6357	5500	9.20	A	680	370	390	200	320	90	28	4	180	160	330	270	350	M25	184
MVSI 3/9000	95		9007	10000	18.0	A	629	395	392	200	320	100	28	4	192	135	355	270	375	M25	215	
MVSI 3/100	00	121	165	0.75	A	211	153	125	62-74	106	24	9	4	61	46	103	100	117	M32	5.60		
MVSI 3/200	01	211	165	0.75	A	235	153	125	62-74	106	24	9	4	61	58	103	100	117	M32	5.00		
MVSI 3/300	10	304	280	1.25	A	255	179	152	90	125	28	13	4	73	54	127	128	141	M32	9.70		
MVSI 3/500	20	503	500	2.30	A	288	203	167	105	140	30	13	4	82.5	65	145	140	160	M32	14.8		
MVSI 3/800	30	785	700	3.25	A	307	210	205	120	170	45	17	4	91.5	51	168	160	178	M32	16.8		

ELECTRIC EXTERNAL VIBRATORS 4 POLES 1500 RPM MVSI



MODEL	Category	Frame Size	C/Force Kgs	Power (w)	Curr (A)	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X 1.5	Weight Kgs
													Dia.	No.							
MVSI 15/35		00	30.2	85	0.21	A	211	153	125	62-74	106	24	9	4	61	46	103	100	117	M20	5.60
MVSI 15/80		01	77.9	85	0.21	A	235	153	125	62-74	106	24	9	4	61	58	103	100	117	M20	6.70
MVSI 15/100		01	97.9	85	0.21	A	249	153	125	62-74	106	24	9	4	61	65	103	100	117	M20	7.10
MVSI 15/200		10	213	170	0.41	A	301	179	152	90	125	28	13	4	73	77	127	128	141	M20	12.5
MVSI 15/400		20	412	300	0.60	A	344	203	167	105	140	30	13	4	82.5	93	145	140	130	M25	19.0
MVSI 15/550		20	552	300	0.60	A	386	203	167	105	140	30	13	4	82.5	114	145	140	160	M25	20.4
MVSI 15/700		30	720	525	0.82	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25	23.5
MVSI 15/1110		35	1045	550	0.95	A	435	233	205	120	170	54	17	4	104.5	117.5	187	162	203	M25	35.0
MVSI 15/1410		40	1413	900	1.45	A	448	246	230	140	190	54	17	4	116	108	210	180	225	M25	53.0
MVSI 15/1710		50	1798	1100	2.00	A	500	246	230	140	190	54	17	4	116	137	210	180	225	M25	58.5
MVSI 15/2000		50	2054	1350	2.50	A	568	246	230	140	190	54	17	4	116	168	210	180	225	M25	70.0
MVSI 15/2410		60	2420	1600	3.20	A	537	278	275	155	225	70	22	4	135	137	238	205	253	M25	82.0
MVSI 15/3000		60	3106	1900	3.80	A	617	278	275	155	225	70	22	4	135	177	238	205	253	M25	92.0
MVSI 15/3810		70	3840	2200	3.90	A	584	321	310	155	255	77	23.5	4	157	134	280	215	295	M25	115
MVSI 15/4300		70	4326	2500	4.80	A	666	321	310	155	255	77	23.5	4	157	178	280	215	295	M25	122
MVSI 15/6010		80	5007	3600	6.00	A	630	347	340	180	280	80	26	4	165	150	303	240	320	M32	161
MVSI 15/7000		90	6536	6000	10.5	A	680	370	390	200	320	90	28	4	180	160	330	270	350	M32	208
MVSI 15/9000		95	8199	7000	11.6	A	629	395	392	200	320	100	28	4	192	135	355	270	375	M32	225
MVSI 15/9500		97	8416	7500	12.2	C	862	437	460	125	380	35	38	6	215	230	387	320	414	M32	317
MVSI 15/11500		100	11430	10000	17.5	C	990	454	530	140	440	38	45	6	230	240	423	370	448	M32	433
MVSI 15/14500		110	14120	11000	20.0	C	990	454	530	140	440	38	45	6	230	240	423	370	448	M32	458
MVSI 15/35		00	30.2	90	0.43	A	211	153	125	62-74	106	24	9	4	61	46	103	100	117	M25	5.60
MVSI 15/80		01	77.9	90	0.43	A	235	153	125	62-74	106	24	9	4	61	58	103	100	117	M25	6.70
MVSI 15/100		01	97.9	90	0.43	A	249	153	125	62-74	106	24	9	4	61	65	103	100	117	M25	7.10
MVSI 15/200		10	213	210	1.00	A	301	179	152	90	125	28	13	4	73	77	127	128	141	M25	12.5
MVSI 15/400		20	412	240	1.20	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25	19.0
MVSI 15/550		20	552	240	1.20	A	386	203	167	105	140	30	13	4	82.5	114	145	140	160	M25	20.4
MVSI 15/700		30	720	450	2.15	A	381	210	205	120	170	45	17	4	91.5	88	168	160	178	M25	23.5

380/415v
3Ph
50Hz

220/240v
1Ph
50Hz

ELECTRIC EXTERNAL VIBRATORS 6 POLES 1000 RPM MVSI



MODEL	Category	Frame Size	C/ Force Kgs	Power (w)	Curr (A)	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X 1.5	Weight Kgs
													Dia.	No.							
MVSI 10/40		10	35.0	120	0.30	A	285	179	152	90	125	28	13	4	73	54	127	128	141	M20	9.70
MVSI 10/100		10	94.3	120	0.30	A	301	179	152	90	125	28	13	4	73	77	127	128	141	M20	12.5
MVSI 10/200		20	183	185	0.50	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25	19.0
MVSI 10/310		30	321	350	0.72	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25	23.5
MVSI 10/550		35	512	350	0.75	A	435	233	205	120	170	54	17	4	104.5	117.5	187	162	203	M25	36.5
MVSI 10/810		40	809	680	1.40	A	500	246	230	140	190	54	17	4	116	134	210	180	225	M25	54.0
MVSI 10/1110		50	1132	750	1.65	A	568	246	230	140	190	54	17	4	116	168	210	180	225	M25/25	64.0
MVSI 10/1400		50	1424	950	1.80	A	568	246	230	140	190	54	17	4	116	168	210	180	225	M25	78.0
MVSI 10/1610		60	1638	1100	2.20	A	617	278	275	155	225	70	22	4	135	177	238	205	253	M25	93.0
MVSI 10/2100		60	2154	1500	3.00	A	617	278	275	155	225	70	22	4	135	177	238	205	253	M25	105.0
MVSI 10/2610		70	2601	1960	4.10	A	666	321	310	155	255	77	23.5	4	157	178	277	215	295	M25	130.0
MVSI 10/3000		70	3007	2200	4.50	A	706	321	310	155	255	77	23.5	4	157	198	277	215	295	M25	145.0
MVSI 10/3810	380/415v 3Ph 50 Hz	80	3826	2500	5.10	A	734	347	340	180	280	80	26	4	165	200	303	240	320	M32	188.0
MVSI 10/4700		80	4701	3200	6.50	A	796	347	340	180	280	80	26	4	165	233	303	240	320	M32	204.0
MVSI 10/5200		90	5208	3800	7.00	A	740	370	390	200	320	90	28	4	180	190	330	270	350	M32	238.0
MVSI 10/6500		90	6527	4900	8.20	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32	268.0
MVSI 10/6600		97	6799	5000	10.0	C	750	437	460	125	380	35	38	6	215	174	387	320	414	M32	285.0
MVSI 10/8000		95	8046	7000	12.6	A	870	395	392	200	320	100	28	4	192	255	355	270	375	M32	315.0
MVSI 10/9000		95	8666	7500	14.0	A	870	395	392	200	320	100	28	4	192	255	355	270	375	M32	326.0
MVSI 10/10000		97	9695	7600	13.5	C	862	437	460	125	380	35	38	6	215	230	387	320	414	M32	381.0
MVSI 10/12000		100	12294	9000	16.3	C	990	454	530	140	440	38	45	6	230	240	420	370	448	M32	500.0
MVSI 10/13000		97	12867	9800	17.0	C	1002	437	460	125	380	35	38	6	215	300	387	320	414	M32	420.0
MVSI 10/15000		105	14155	10600	19.0	F	960	526	570	140	480	41	45	8	268	200	495	545	516	M32	643.0
MVSI 10/17500		105	17327	13000	24.5	F	1040	526	570	140	480	41	45	8	268	240	495	545	516	M32	705.0
MVSI 10/19500		105	20062	14000	25.5	F	1120	526	570	140	480	41	45	8	268	280	495	545	516	M32	711.0
MVSI 10/22000		110	22386	19000	33.0	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	562	M32	926.0
MVSI 10/25000		110	25000	19000	33.0	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	562	M32	980.0

ELECTRIC EXTERNAL VIBRATORS 8 POLES 750 RPM MVSI



MODEL	Category	Frame Size	C/ Force Kgs	Power (w)	Curr (A)	Fig.	A	B	C	D	E	F	G		H	I	L	M	N	Cable Entry thread X I.5	Weight Kgs
													Dia.	No.							
MVSI 075/150	380/415v 3Ph 50Hz	20	104	230	0.85	A	344	203	167	105	140	30	13	4	82.5	93	145	140	160	M25	19.0
MVSI 075/250		30	181	350	1.10	A	394	216	205	120	170	45	17	4	93.5	106	170	160	182	M25	23.5
MVSI 075/400		35	288	280	0.60	A	436	233	205	120	170	54	17	4	104.5	117.5	187	162	203	M25	36.5
MVSI 075/660		40	456	400	1.20	A	500	246	230	140	190	54	17	4	116	134	210	180	225	M25	54.0
MVSI 075/910		50	637	400	1.40	A	568	246	230	140	190	54	17	4	116	168	210	180	225	M25	64.0
MVSI 075/1310		60	922	950	2.20	A	617	278	275	155	225	70	22	4	135	177	238	205	253	M25	93.0
MVSI 075/1750		60	1214	1100	2.60	A	617	278	275	155	225	70	22	4	135	177	238	205	253	M25	105.0
MVSI 075/2110		70	1463	1500	4.10	A	666	321	310	155	255	77	23.5	4	157	178	280	215	295	M25	130.0
MVSI 075/3110		80	2152	2000	5.40	A	734	347	340	180	280	80	26	4	165	202	303	240	320	M32	188.0
MVSI 075/3800		80	2645	2500	6.00	A	796	347	340	180	280	80	26	4	165	233	303	240	320	M32	204.0
MVSI 075/4200		90	2930	2800	6.50	A	740	370	390	200	320	90	28	4	180	190	330	270	350	M32	238.0
MVSI 075/5300		90	3672	4000	8.20	A	840	370	390	200	320	90	28	4	180	240	330	270	350	M32	268.0
MVSI 075/6500		95	4526	4900	9.90	A	870	395	392	200	320	100	28	4	192	255	355	270	375	M32	315.0
MVSI 075/6800		97	4616	5600	10.5	C	862	437	460	125	380	35	38	6	215	230	387	320	414	M32	330.0
MVSI 075/10000		97	7792	6800	13.2	C	1002	437	460	125	380	35	38	6	215	300	387	320	414	M32	430.0
MVSI 075/12000		100	8699	7600	14.0	C	1070	454	530	140	440	38	45	6	230	280	423	370	448	M32	540.0
MVSI 075/14000		105	11285	9200	21.0	F	1040	526	570	140	480	41	45	8	268	240	485	545	516	M32	702.0
MVSI 075/17000		105	13418	10400	22.0	F	1120	526	570	140	480	41	45	8	268	280	485	545	516	M32	755.0
MVSI 075/22000		110	18005	12500	26.5	F	1150	607	610	140	520	38	45	8	297	297.5	542	510	582	M32	1015.0

**4 Hole Mounting
Fig A.**

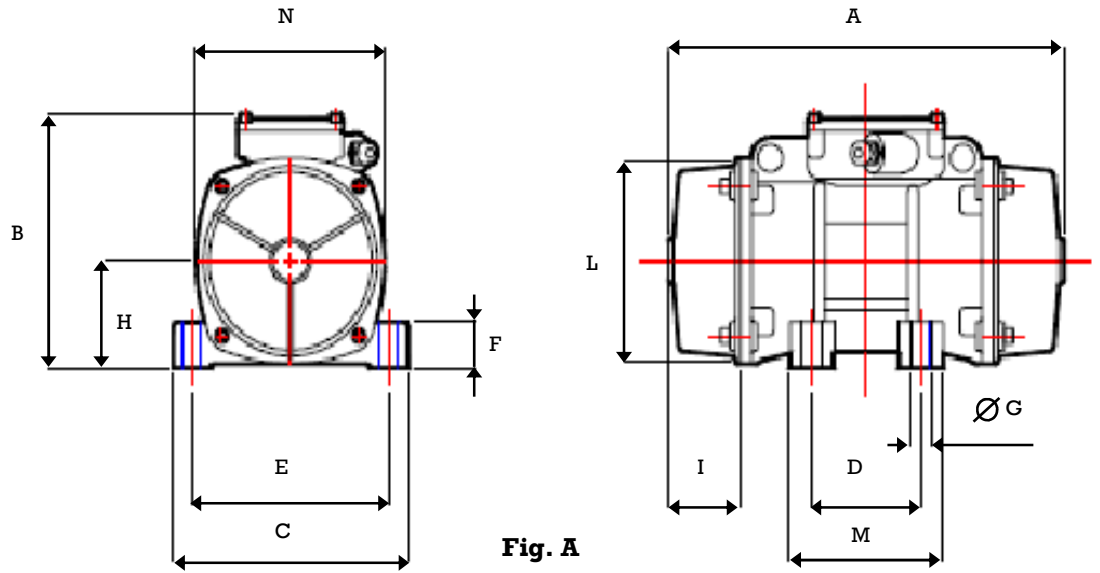


Fig. A

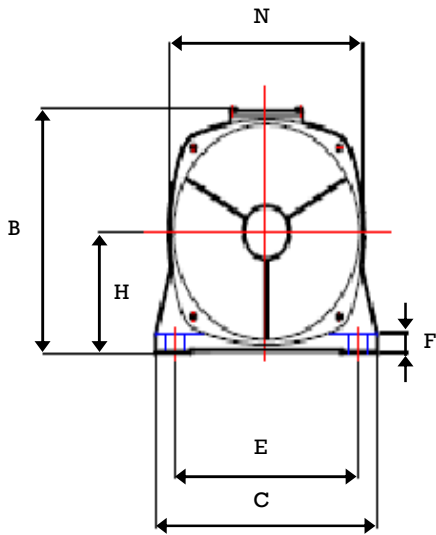
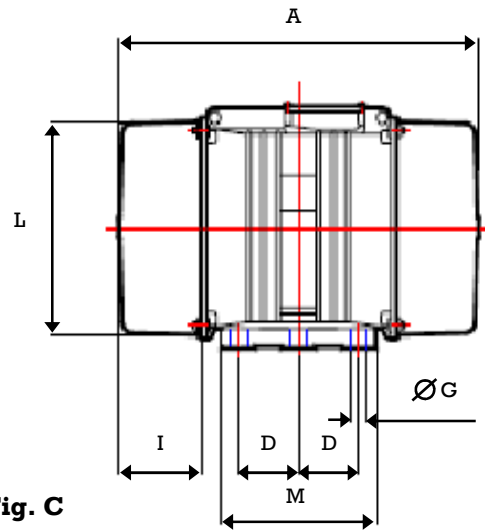


Fig. C



**6 Hole Mounting
Fig C.**

**8 Hole Mounting
Fig F.**

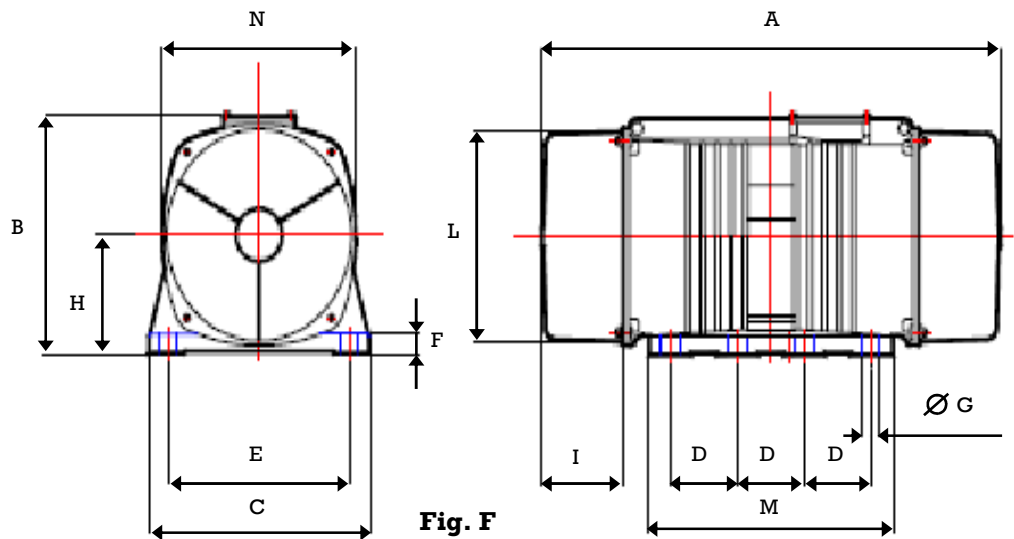


Fig. F



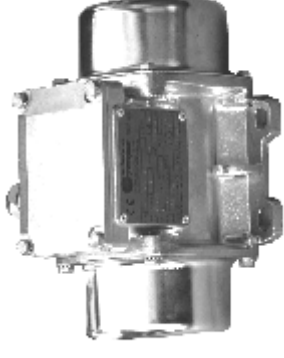
ELECTRIC EXTERNAL VIBRATORS - STAINLESS STEEL

MODEL MVSS

- Stainless Steel Body
- Class F Insulation
- Protection IP66
- 24v to 690v available
- Ambient Temperature from -30°C to $+40^{\circ}\text{C}$
- Atex rated as standard, zones 21, 22

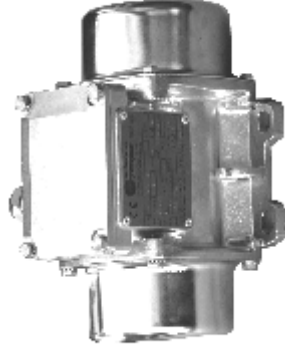
2 CHAPEL ROAD, PORTSLADE, BRIGHTON, BN41 1PF ENGLAND
Tel. +44(0) 1273 430977 Fax. +44 (0) 1273 430978
Web. www.vibtec.com E-mail. sales@vibtec.com

STAINLESS STEEL ELECTRIC EXTERNAL VIBRATORS 2 POLES 3000 RPM MVSS



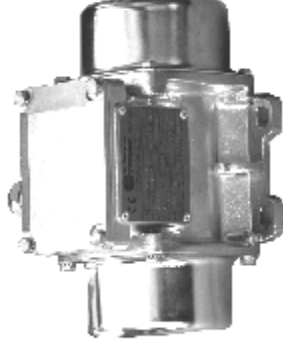
MODEL	Fr. Size	Cat.	C/F Kgs		Power (W)		Current (A)			Capacitor		A	B	C	D	E	F	G		H	I	L	M	N	Cable entry thread (X 1.5)	Wt Kgs
			50 Hz	60 Hz	50 Hz	60 Hz	400v	60 Hz	50 Hz	60 Hz	50 Hz							60 Hz	115v							
MVSS 3/100	00	3 Ph 400v	121	174	180	180	0.35	0.30	-	-	209	151	125	62-74	106	10	9	4	61	45	100	102	117	M20	7.8	
MVSS 3/200	01		211	218	180	180	0.35	0.30	-	-	225	151	125	62-74	106	10	9	4	61	53	100	102	117	M20	8.2	
MVSS 3/300	10		304	297	260	270	0.60	0.50	-	-	255	176	152	90	125	12	13	4	73	54	124	122	141	M20	12.5	
MVSS 3/500	20		503	471	450	500	0.80	0.75	-	-	284	200	167	105	140	15	13	4	82.5	63	143	137	160	M25	18.5	
MVSS 3/800	30		785	754	650	685	1.10	1.00	-	-	308	211	205	120	170	17	17	4	93.5	63	168	160	182	M25	25.0	
MVSS 3/1100	35	1105	1061	1000	1200	1.75	1.75	-	-	354	232	205	120	170	20	17	4	104.5	77	181	162	203	M25	30.0		
MVSS 3/1510	40	1545	1483	1400	1450	2.30	2.00	-	-	438	245	230	140	190	25	17	4	116	103	201	180	225	M25	39.6		
MVSS 3/2010	50	2059	1853	2200	2200	3.50	3.00	-	-	438	245	230	140	190	25	17	4	116	103	201	180	225	M25	48.7		
						220v	115v																			
MVSS 3/100	00	1 Ph 220v	121	174	165	165	0.75	1.52	10	28	209	151	125	62-74	106	10	9	4	61	45	100	102	117	M25	7.8	
MVSS 3/200	01		211	218	165	165	0.75	1.52	10	28	225	151	125	62-74	106	10	9	4	61	53	100	102	117	M25	8.2	
MVSS 3/300	10		304	297	280	280	1.25	2.40	16	25	255	176	152	90	125	12	13	4	73	54	124	122	141	M25	12.5	
MVSS 3/500	20		503	471	500	500	2.30	4.50	12.5	50	284	200	167	105	140	15	13	4	82.5	63	143	137	160	M25	18.5	
MVSS 3/800	30		785	754	700	750	3.25	7.00	25	90	308	211	205	120	170	17	17	4	93.5	63	168	160	182	M25	25.0	

STAINLESS STEEL ELECTRIC EXTERNAL VIBRATORS 4 POLES 1500 RPM MVSS



MODEL	Fr. Size	Cat.	C/F Kgs		Power (W)		Current (A)			Cap.		A 50 Hz	B	C	D	E	F	G		H	I 50 Hz	L	M	N	Cable entry thread (X 1.5)	Wt Kgs 50 Hz
			50 Hz	60 Hz	50 Hz 400v	60 Hz 460v	50 Hz 220v	60 Hz 115v	Dia.	No.																
MVSS 15/35	00	3 Ph 400v	30.2	43.5	85	95	0.21	0.20	-	-	209	151	125	62-74	106	10	9	4	61	45	100	102	117	M20	7.8	
MVSS 15/80	01		77.9	76.1	85	95	0.21	0.20	-	-	225	151	125	62-74	106	10	9	4	61	53	100	102	117	M20	9.0	
MVSS 15/100	01		97.9	112	85	95	0.21	0.20	-	-	241	151	125	62-74	106	10	9	4	61	61	100	102	117	M20	9.4	
MVSS 15/200	10		213	214	170	170	0.41	0.40	-	-	295	176	182	90	125	12	13	4	73	74	124	122	141	M20	15.8	
MVSS 15/400	20		412	411	300	350	0.60	0.60	-	-	340	200	167	105	140	15	13	4	82.5	91	143	137	160	M25	22.5	
MVSS 15/550	20		552	592	300	350	0.60	0.60	-	-	380	200	167	105	140	15	13	4	82.5	111	143	137	160	M25	23.9	
MVSS 15/700	30		720	760	525	665	0.92	0.98	-	-	378	211	205	120	170	17	17	4	93.5	98	168	160	182	M25	32.0	
MVSS 15/1100	35		1045	982	550	680	0.95	0.95	-	-	434	232	205	120	170	20	17	4	104.5	117	281	162	203	M25	42.0	
MVSS 15/1410	40		1413	1449	900	1050	1.45	1.50	-	-	442	245	230	140	190	25	17	4	116	105	201	180	225	M25	53.0	
MVSS 15/1710	50		1798	1787	1100	1200	2.00	1.90	-	-	490	245	230	140	190	25	17	4	116	129	201	180	225	M25	58.5	
MVSS 15/2000	50	2054	2033	1350	1450	2.50	2.30	-	-	560	245	230	140	190	25	17	4	116	164	201	180	225	M25	70.0		
MVSS 15/2410	60	2420	2444	1600	1700	3.20	3.00	-	-	525	285	275	155	225	30	22	4	135	131	231	205	253	M25	82.0		
MVSS 15/3000	60	3106	3107	1900	2000	3.80	3.50	-	-	601	285	275	155	225	30	22	4	135	169	231	205	253	M25	92.0		
MVSS 15/3810	70	3840	3744	2200	2500	3.90	3.90	-	-	589	323	310	155	255	35	23.5	4	155	139.5	289	215	295	M25	115.0		
MVSS 15/4300	70	4326	4250	2500	2800	4.80	4.65	-	-	589	323	310	155	255	35	23.5	4	155	178	289	215	295	M25	122.0		
						220v	115v																			
MVSS 15/35	00	1 Ph 220v	30.2	43.5	90	100	0.43	1.00	3.15	25	209	151	125	62-74	106	10	9	4	61	45	100	102	117	M20	7.8	
MVSS 15/80	01		77.9	76.1	90	100	0.43	1.00	3.15	25	225	151	125	62-74	106	10	9	4	61	53	100	102	117	M20	9.0	
MVSS 15/100	01		97.9	112	90	100	0.43	1.00	3.15	25	241	151	125	62-74	106	10	9	4	61	61	100	102	117	M20	9.4	
MVSS 15/200	10		213	214	210	230	1.00	2.00	5	25	295	176	182	90	125	12	13	4	73	74	124	122	141	M20	15.8	
MVSS 15/400	20		412	411	240	320	1.20	2.80	32/12	35	340	200	167	105	140	15	13	4	82.5	91	143	137	160	M25	22.5	
MVSS 15/550	20		552	592	240	320	1.20	2.80	32/12	40/35	380	200	167	105	140	15	13	4	82.5	111	143	137	160	M25	23.9	
MVSS 15/700	30		720	760	450	550	2.15	5.15	96/16	160/40	378	211	205	120	170	17	17	4	93.5	98	168	160	182	M25	25.0	

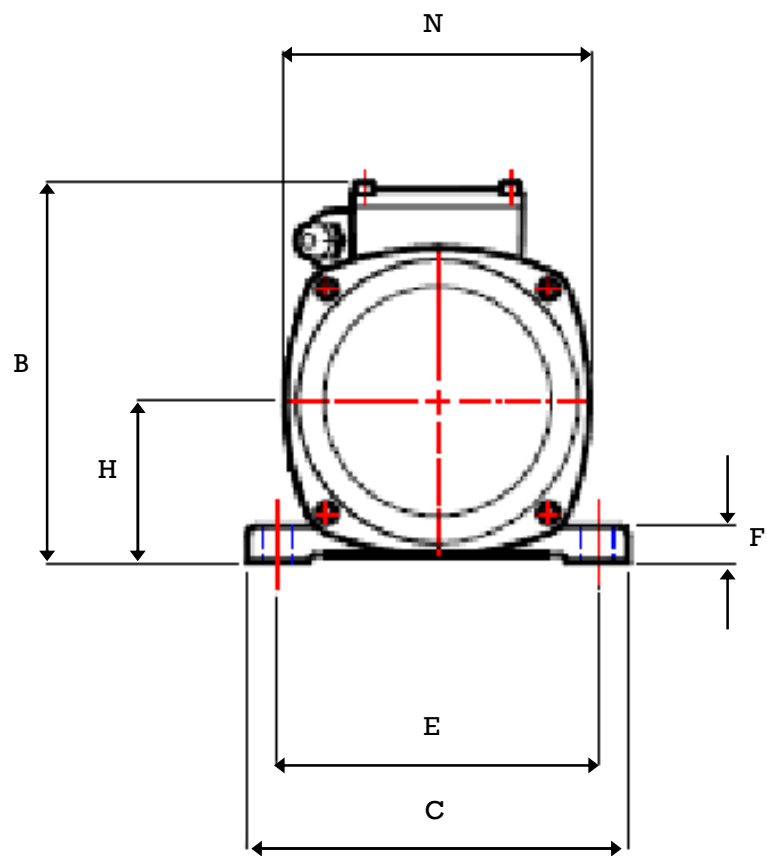
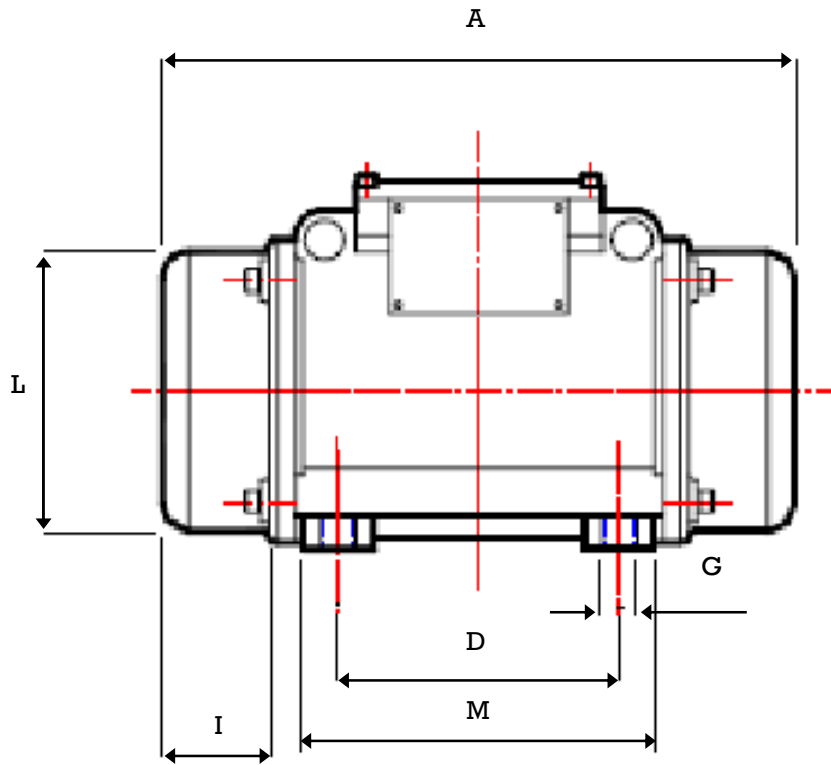
STAINLESS STEEL ELECTRIC EXTERNAL VIBRATORS 6 POLES 1000 RPM MVSS

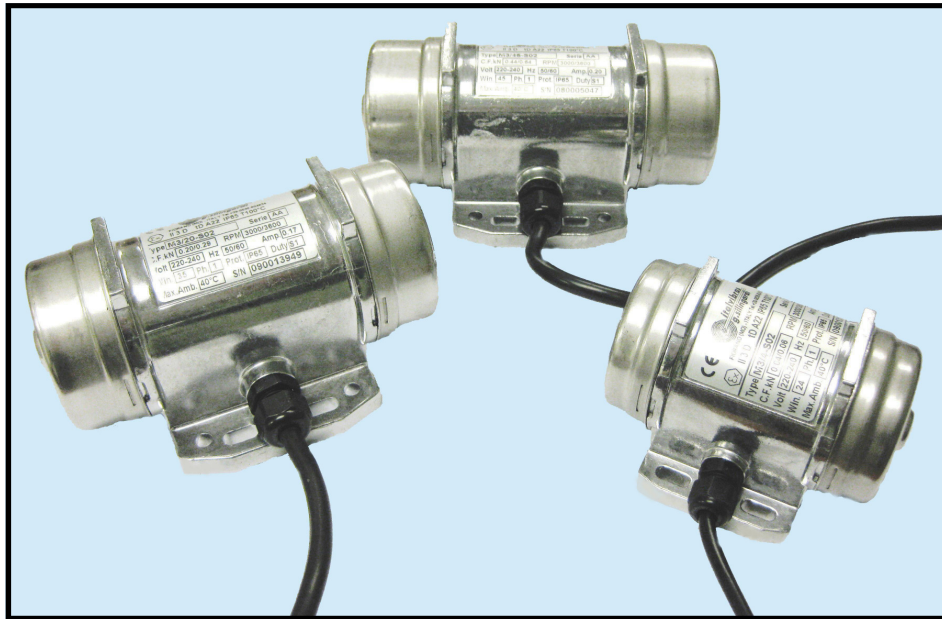


MODEL	Fr. Size	Cat.	C/F Kgs		Power (W)		Current (A)			Cap.		A 50 Hz	B	C	D	E	F	G		H	I 50 Hz	L	M	N	Cable entry thread (X 1.5)	Wt Kgs 50 Hz	
			50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	Dia.							No.									
MVSS 10/40	10	3 Ph 400v	35	49	120	135	0.30	0.30	0.30	0.30	-	-	176	152	90	125	12	13	4	73	54	124	122	141	M20	12.5	
MVSS 10/100	10		94.3	136	120	135	0.30	0.30	0.30	0.30	-	-	176	152	90	125	12	13	4	73	74	124	122	141	M20	15.8	
MVSS 10/200	20		183	264	185	205	0.50	0.50	0.50	0.50	-	-	200	167	105	140	15	13	4	82.5	91	143	137	160	M25	22.5	
MVSS 10/310	30		321	338	350	380	0.72	0.68	0.68	0.68	-	-	211	205	120	170	17	17	4	93.5	98	168	160	182	M25	32.0	
MVSS 10/550	35		512	737	350	380	0.75	0.68	0.68	0.68	-	-	232	205	120	170	20	20	17	4	104.5	117	181	181	203	M25	43.5
MVSS 10/810	40		809	905	680	760	1.40	1.35	1.35	1.35	-	-	245	230	140	190	25	25	17	4	116	129	201	201	225	M25	54.0
MVSS 10/1110	50		1132	1151	750	750	1.65	1.50	1.50	1.50	-	-	245	230	140	190	25	25	17	4	116	164	201	201	225	M25	67.0
MVSS 10/1400	50		1424	1455	950	1000	2.10	2.00	2.00	2.00	-	-	245	230	140	190	25	25	17	4	116	164	201	201	225	M25	78.0
MVSS 10/1610	60		1638	1549	1100	1300	2.20	2.20	2.20	2.20	-	-	285	275	155	225	30	30	22	4	135	169	231	231	253	M25	94.0
MVSS 10/2100	60		2154	2121	1500	1700	3.00	2.90	2.90	2.90	-	-	285	275	155	225	30	30	22	4	135	169	231	231	253	M25	105.0
MVSS 10/2610	70	2601	2747	1960	2100	4.10	3.75	3.75	3.75	-	-	323	310	155	255	35	35	23.5	4	155	173.5	269	269	295	M25	130.0	
MVSS 10/3000	70	3007	3124	2200	2400	4.50	4.30	4.30	4.30	-	-	323	310	155	255	35	35	23.5	4	155	197.5	269	269	295	M25	145.0	

8 POLES 750 RPM MVSS

MODEL	Fr. Size	Cat.	C/F Kgs		Power (W)		Current (A)			Cap.		A 50 Hz	B	C	D	E	F	G		H	I 50 Hz	L	M	N	Cable entry thread (X 1.5)	Wt Kgs 50 Hz	
			50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	Dia.							No.									
MVSS 075/150	20	400v 3Ph	104	149	230	250	0.85	0.76	0.76	-	-	340	200	167	90	140	15	13	4	82.5	91	143	137	160	M25	22.5	
MVSS 075/250	30		181	260	350	380	1.10	1.05	1.05	1.05	-	-	378	211	205	170	17	17	4	93.5	98	168	160	182	M25	32.0	
MVSS 075/400	35		288	415	280	300	0.60	0.58	0.58	0.58	-	-	434	232	205	170	20	20	17	4	104.5	117	181	162	203	M25	43.5
MVSS 075/660	40		456	656	400	450	1.20	1.20	1.20	1.20	-	-	490	245	230	190	25	25	17	4	116	129	201	180	25	M25	54.0
MVSS 075/910	50		637	917	400	500	1.40	1.30	1.30	1.30	-	-	560	245	230	190	25	25	17	4	116	164	201	180	225	M25	67.0
MVSS 075/1310	60		922	1327	950	1100	2.20	2.20	2.20	2.20	-	-	601	285	275	225	30	30	22	4	135	169	231	205	253	M25	94.0
MVSS 075/2110	70		1463	2107	1500	1790	4.10	4.20	4.20	4.20	-	-	657	323	310	225	35	35	23.5	4	155	173.5	231	215	295	M25	130.0





MICRO ELECTRIC EXTERNAL VIBRATORS

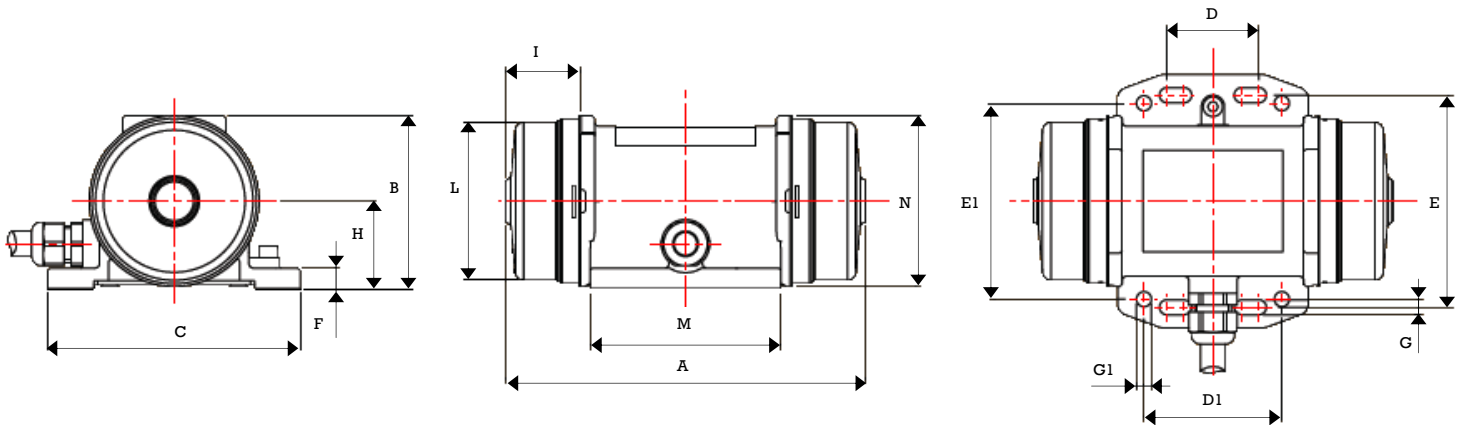
MODEL M3

- Rotary Vibrator
- Protection IP65
- Class F Insulation
- Ambient Temperature
- Atex rated as standard for zone 22

2 CHAPEL ROAD, PORTSLADE, BRIGHTON, BN41 1PF ENGLAND
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PERFORMANCE DATA

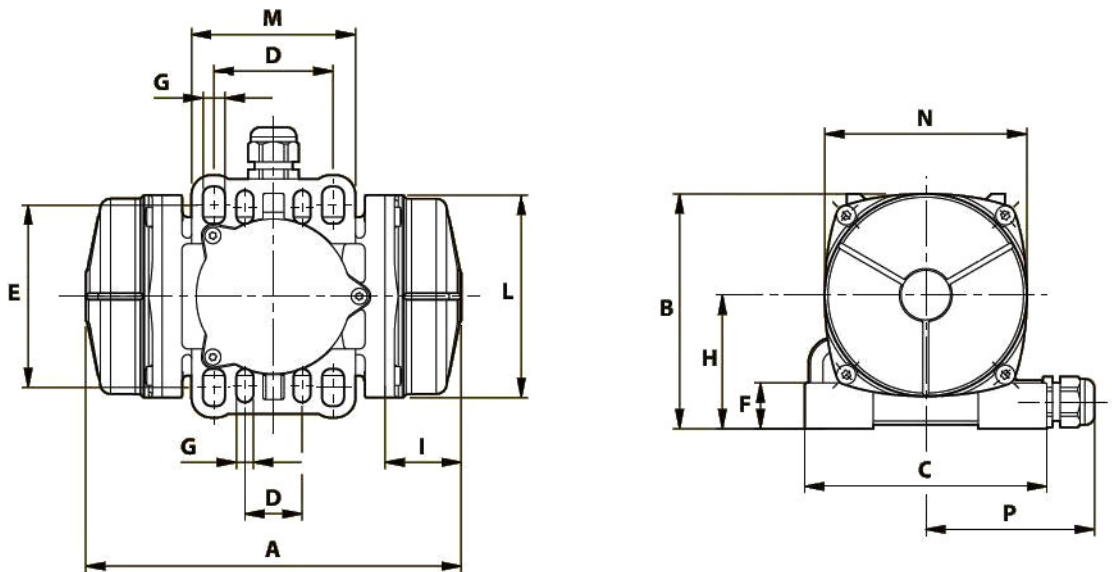
MODEL	Max C/F kg	Volts	Amps	Watts	RPM	Ph	Hz	Weight kg
M3/4	4.0	115	0.30	24	3000	1	50	0.92
M3/20	20.0	115	0.42	35	3000	1	50	1.97
M3/45	45.0	115	0.46	45	3000	1	50	2.20
M3/65	64.7	115	1.52	110	3000	1	50	4.30
M3/4	4.0	220/240	0.13	24	3000	1	50	0.92
M3/20	20.0	220/240	0.17	35	3000	1	50	1.97
M3/45	45.0	220/240	0.20	45	3000	1	50	2.20
M3/65	64.7	220/240	0.56	110	3000	1	50	4.30
M3/20	20.0	380/480	0.15	35	3000	3	50	1.97
M3/45	45.0	380/480	0.16	45	3000	3	50	2.20
M3/65	64.7	400/415	0.27	120	3000	3	50	4.30



DIMENSIONS

MODEL	A	B	C	D	D1	E	E1	F	G	G1 Dia.	No. Holes	H	I	L	M	N	Gland
M3/4	113	66.5	90	25-40	-	75	-	9	5.5	-	4	34	25	60	59	65	M12x1.5
M3/20	157	75	110	25-40	60	92	85	9	6.5	6.5	8	38	33	69	83	74	M16x1.5
M3/45	172	75	110	25-40	60	92	85	9	6.5	6.5	8	38	40.5	69	83	74	M16x1.5

M3/65



DIMENSIONS

MODEL	A	B	C	Multi-hole		F	ØG	No. Holes	H	I	ØL	M	N	P	Gland
				D	E										
M3/65	197	123	127	30-60 65-62	85-100 85-106	24	9	4	70	40	106	86	106	88.5	M20x1.5



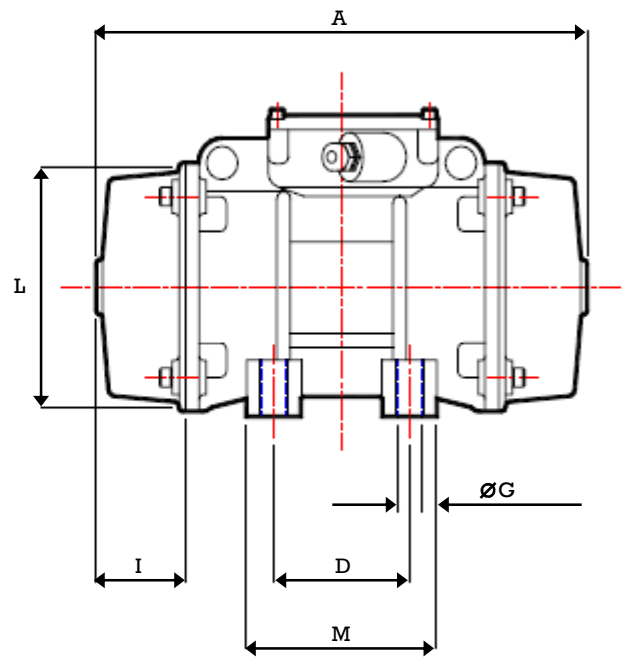
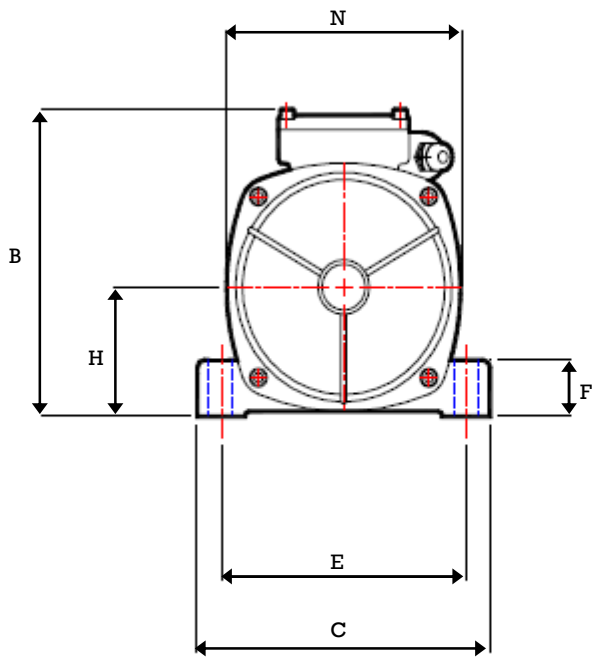
HIGH FREQUENCY ELECTRIC EXTERNAL VIBRATORS

MODEL ITV

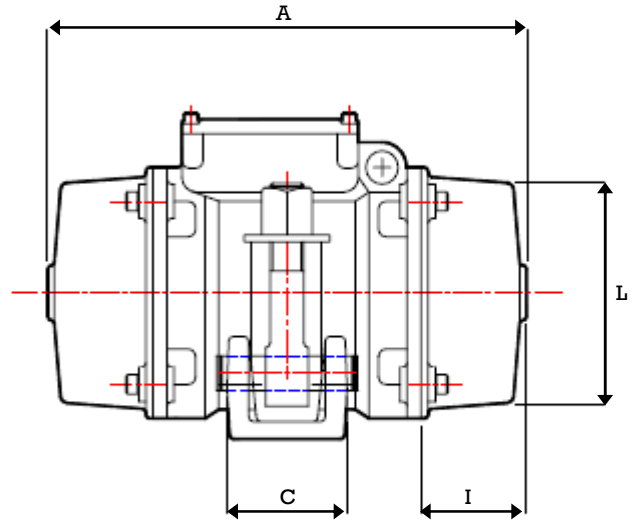
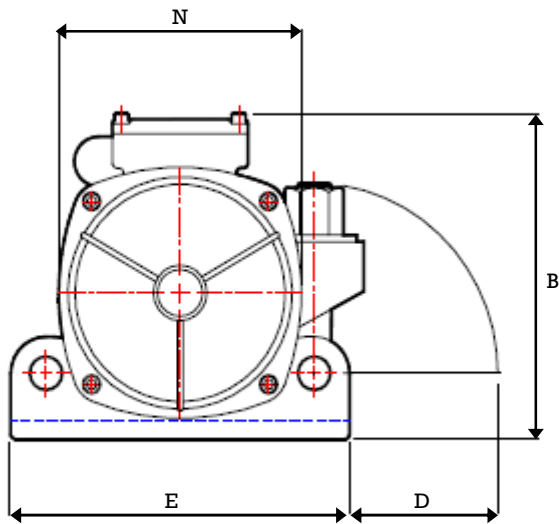
- Cast iron body for strength
- Low loss laminations for electrical efficiency at high frequencies
- IP66 enclosure and class F windings
- Suitable for arduous environments
- Fully adjustable eccentric weights, easily accessible

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Foot Mounted ITVAF & ITV-VR



Quick Release ITVAF RS & ITV-VR RS



Foot Mounted ITV-VR & ITVAF Performance Data

Model	Frame Size	Speed RPM	Frequency Hz	Max. Force C/F		Weight kg	Max. Power kW	Max. Current A		Is/Ir
				kg	kN			42V	380V	
ITV-VR/1210	AF33	0-6000	100	1475	14.5	28	1.2	21	2.3	4.48
ITV-VR/2010	AF33	0-6000	100	2000	19.6	31	1.7	27	2.9	5.00
ITV-VR/2510	AF50	0-6000	100	2500	24.5	41	2.2	35	3.9	6.15
ITV-VR/2510-V*	AF50	4500-6000	100	2500	24.5	41	2.2	35	3.9	6.15
ITV-VR/5000	AF70	0-4300	100	5300	52.0	106	5.0	-	8.0	5.30
ITVAF 6/1220	AF33	6000	200	1157	11.3	27	1.2	23	-	6.04
ITVAF 6/1510	AF33	6000	200	1484	14.6	29	1.7	29	4.9	7.10
ITVAF 9/1110	AF33	9000	150	1113	10.9	26	1.15	18	-	8.52
ITVAF 9/1510	AF33	9000	150	1484	14.6	28	1.6	24	4.0	10.4

Foot Mounted ITV-VR Dimensions

Model	A	B	C	D	E	Holes		F	H	I	L	M	N
						G	No.						
ITV-VR/1210	339	214	215	100	180	17	4	47	92.5	73.5	164	140	179
ITV-VR/2010	355	214	215	100	180	17	4	47	92.5	81.5	164	140	179
ITV-VR/2510	430	230	230	140	190	17	4	49	104	87.5	186	180	200
ITV-VR/2510-V*	465	230	230	140	190	17	4	49	140	105	240	180	248
ITV-VR/5000	558	305	310	155	255	25	4	90	130	108	233	210	248
ITVAF 6/1220	339	214	215	100	180	17	4	47	92.5	73.5	164	140	179
ITVAF 6/1510	355	214	215	100	180	17	4	47	92.5	81.5	164	140	179
ITVAF 9/1110	339	214	215	100	180	17	4	47	92.5	73.5	164	140	179
ITVAF 9/1510	355	214	215	100	180	17	4	47	92.5	81.5	164	140	179

*Special ventilated type for heavy service

Quick Release ITV-VR RS & ITVAF RS Performance Data

Model	Frame Size	Speed RPM	Frequency Hz	Max. Force C/F		Weight kg	Max. Power kW	Max. Current A		Is/Ir
				kg	kN			42V	380V	
ITV-VR/1210 RS	AF33	0-6000	100	1475	14.5	25	1.2	21	2.3	4.48
ITV-VR/2010 RS	AF33	0-6000	100	2000	19.6	28	1.7	27	2.9	5.00
ITVAF 6/1220 RS	AF33	6000	200	1157	11.3	25	1.2	23	-	6.04
ITVAF 6/1510 RS	AF33	6000	200	1484	14.6	27	1.7	29	4.9	7.10
ITVAF 9/1110 RS	AF33	9000	150	1113	10.9	24	1.15	18	-	8.52
ITVAF 9/1510 RS	AF33	9000	150	1484	14.6	26	1.6	24	4.0	10.4

Quick Release ITV-VR RS & ITVAF RS Dimensions

Model	A	B	C	D	E	Holes		F	H	I	L	M	N
						G	No.						
ITV-VR/1210	339	189	83	140	240	-	-	-	-	73.5	164	-	179
ITV-VR/2010	355	189	83	140	240	-	-	-	-	81.5	164	-	179
ITVAF 6/1220	339	189	83	140	240	-	-	-	-	73.5	164	-	179
ITVAF 6/1510	355	189	83	140	240	-	-	-	-	81.5	164	-	179
ITVAF 9/1110	339	189	83	140	240	-	-	-	-	73.5	164	-	179
ITVAF 9/1510	355	189	83	140	240	-	-	-	-	81.5	164	-	179



ELECTRIC EXTERNAL VIBRATORS INCREASED SAFETY

MODEL MVSI-E

- Certificate No. LCIE 99 Atex 6028 X - European Directive 94/9/EC
Class Eex e II T4 and T3 CENELEC EN 50014 - EN 50019 - EN 50281-1-1
- All Materials used conform to the specific standards
- Both the electrical and mechanical components are subjected to strict tests throughout the entire manufacturing process. After assembly each electric vibrator is subjected to a complete electric and dynamic test.
- The mechanical and dimensional specifications correspond to those of our standard MVSI ranges.

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Eex e ELECTRIC EXTERNAL VIBRATORS 2 POLES AND 4 POLES MVSI E



2 POLE—3000/3600 RPM

MODEL	SIZE	TEMP. CLASS	POWER RATING (W)		MAX CURRENT (A)		t _e (S)	I _a /I _n
			50 Hz	60 Hz	400 V 50 Hz	460 V 60 Hz		
MVSI 3/100 E	00	T3	120	120	0.33	0.30	30	2.68
		T4	80	80	0.26	0.23	20	3.48
MVSI 3/200 E	01	T3	120	120	0.33	0.30	30	2.68
		T4	172	172	0.48	0.41	12	4.20
MVSI 3/300 E	10	T3	210	210	0.57	0.50	18	3.50
		T4	210	210	0.57	0.50	8	5.60
MVSI 3/500 E	20	T3	300	300	0.76	0.67	12	4.20
		T4	290	290	0.72	0.64	8	5.52
MVSI 3/800 E	30	T3	405	405	0.95	0.83	12	4.20
		T4	290	290	0.76	0.67	11	4.37
MVSI 3/1100 E	35	T3	350	350	0.86	0.75	15	3.88
		T4	500	500	1.24	1.07	6	6.40
MVSI 3/1310 E	AF33	T3	720	720	1.62	1.40	6	9.29
		T4	660	660	1.43	1.25	6	7.30
MVSI 3/1810 E	AF50	T3	720	720	1.62	1.40	6	9.29
		T3	960	960	1.90	1.66	7	5.90
MVSI 3/2310 E	AF50	T3	960	960	1.90	1.66	7	5.90
		T3	2600	2600	4.75	4.20	5	8.00

4 POLE—1500/1800 RPM

MODEL	SIZE	TEMP. CLASS	POWER RATING (W)		MAX CURRENT (A)		t _e (S)	I _a /I _n
			50 Hz	60 Hz	400 V 50 Hz	460 V 60 Hz		
MVSI 15/200 E	10	T4	94	95	0.39	0.40	28	2.34
		T3	200	230	0.57	0.52	18	3.33
MVSI 15/400 E	20	T4	180	200	0.52	0.46	16	3.63
		T3	200	230	0.57	0.52	18	3.33
MVSI 15/550 E	20	T4	180	200	0.52	0.46	16	3.63
		T3	310	380	0.86	0.85	17	3.5
MVSI 15/700 E	30	T4	240	310	0.72	0.70	12	4.2
		T3	285	340	0.81	0.83	13	4
MVSI 15/1100 E	40	T3	660	730	1.38	1.32	13	4
		T4	460	505	1.05	1.00	8	5.36
MVSI 15/1710 E	50	T3	730	800	1.90	1.82	9	4.95
		T4	480	530	1.33	1.27	5.5	7
MVSI 15/2000 E	50	T3	730	800	1.90	1.82	9	4.95
		T4	480	530	1.33	1.27	5.5	7
MVSI 15/2410 E	60	T3	1340	1470	3.04	3.20	7	6
		T4	880	970	2.47	2.30	5.5	7.5
MVSI 15/3000 E	60	T3	1000	1200	3.14	3.10	5.5	7.42
		T4	900	1080	2.85	2.85	5.5	8.16
MVSI 15/3810 E	70	T3	1780	1960	3.71	3.50	6	7.17
		T4	1500	1650	3.14	3.00	6	8.42
MVSI 15/4300 E	70	T3	1780	1960	3.71	3.50	6	7.17
		T4	1500	1650	3.14	3.00	6	8.42
MVSI 15/5010 E	80	T3	2560	2800	5.70	5.45	6	7
		T3	5925	6500	11.6	11.0	5.5	7

Ex e ELECTRIC EXTERNAL VIBRATORS 6 POLES AND 8 POLES MVSI E



6 POLE—1000/1200 RPM

MODEL	SIZE	TEMP. CLASS	POWER RATING (W)		MAX CURRENT (A)		t _e (S)	I _a /I _n
			50 Hz	60 Hz	400 V 50 Hz	460 V 60 Hz		
MVSI 10/200E	20	T4	100	110	0.48	0.45	25	2.72
MVSI 10/310E	30	T4	201	221	0.67	0.65	25	2.81
MVSI 10/550E	35	T4	240	264	0.71	0.68	26	2.40
MVSI 10/810E	40	T3 T4	448 290	490 320	1.33 1.05	1.27 1.00	25 17	2.78 3.54
MVSI 10/1110E	50	T3 T4	550 300	550 300	1.57 1.24	1.36 1.00	19 13	3.33 4.23
MVSI 10/1400E	50	T3 T4	550 300	550 300	1.57 1.24	1.36 1.00	19 13	3.33 4.23
MVSI 10/1610E	60	T3 T4	825 615	900 675	2.09 1.81	2.00 1.70	15 10	3.63 4.73
MVSI 10/2100E	60	T3 T4	940 750	1020 820	2.85 2.19	2.75 2.10	9 8	4.50 4.89
MVSI 10/2610E	70	T3	1580	1700	3.90	3.70	8	5.31
MVSI 10/3000E	70	T3 T4	1630 1350	1770 1470	4.28 3.71	4.30 3.60	8 5	4.82 5.56
MVSI 10/3810E	80	T3 T4	1575 1500	1730 1650	4.85 4.28	4.60 4.00	7 6	5.88 6.66
MVSI 10/4700E	80	T3 T4	2500 2100	2770 2290	6.18 5.42	6.00 5.20	10 6	5.23 5.96
MVSI 10/5200E	90	T3	2590	2700	6.65	6.10	10	4.64
MVSI 10/6600E	97	T3	3360	3550	7.60	7.00	5.3	6.67
MVSI 10/10000E	97	T3	4500	4800	9.98	9.10	7	6.00

8 POLE—750/900 RPM

MODEL	SIZE	TEMP. CLASS	POWER RATING (W)		MAX CURRENT (A)		t _e (S)	I _a /I _n
			50 Hz	60 Hz	400 V 50 Hz	460 V 60 Hz		
MVSI 075/150E	20	T3	100	110	0.67	0.64	25	2.00
MVSI 075/250E	30	T3	190	205	0.86	0.80	25	2.47
MVSI 075/400E	35	T4	135	150	0.57	0.56	30	1.66
MVSI 075/660E	40	T3	275	302	1.14	1.10	30	2.15
MVSI 075/910E	50	T3 T4	336 225	380 255	1.33 1.14	1.30 1.10	30 25	2.14 2.50
MVSI 075/1310E	60	T3	646	740	2.09	2.10	30	2.63
MVSI 075/2110E	70	T3	1065	1225	3.61	3.60	15	4.18
MVSI 075/3110E	80	T3	1460	1600	5.13	5.00	13	3.96
MVSI 075/3800E	80	T3	1800	2100	5.70	6.00	14	4.00
MVSI 075/4200E	90	T3	1900	2180	6.18	6.20	14	3.84
MVSI 075/5300E	90	T3	2570	2775	7.79	7.40	14	3.80
MVSI 075/10000E	97	T3	4100	4500	11.4	11.0	17	3.50



EXPLOSION-PROOF ELECTRIC EXTERNAL VIBRATORS

MODEL CDX

- Mechanical Protection IP66
- Shock Protection IK08 according to IEC 68, EN 50102
- Ambient temperature -10°C to $+40^{\circ}\text{C}$
- Class F Insulation
- Eexd II B II 2 G and D

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EXPLOSION PROOF ELECTRIC EXTERNAL VIBRATORS 2 POLES AND 4 POLES CDX



2 POLE - 3000/3600 RPM

MODEL	Fra. Size	C/ Force Kgs		Power Rating W		Max. Current A		A	B	C	D	E	F	G		H	I	L	M	N	Gland Thread		Weight Kgs	
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz							Ø	No.						50 Hz	60 Hz		
CDX 3/1100	35	1105	1061	480	550	0.90	0.93	360	248.5	210	120	170	52	17	4	112	75	192	160	218	NPT	34.0	33.0	
CDX 3/1500	40	1625	1602	850	925	1.62	1.72	468	278.5	235	140	190	65	17	4	116	108	210	185	225	3/4"	56.1	53.6	
CDX 3/2100	50	2114	2080	900	1095	1.71	1.85	520	278.5	235	140	190	65	22	4	116	134	210	185	225	3/4"	62.0	60.7	
CDX 3/2300	60	2236	2300	1500	1606	3.23	3.20	572	312	270	155	225	52	22	4	135	146	238.5	200	253	3/4"	82.5	79.5	
CDX 3/3200	70	3457	3112	2570	2570	5.23	5.00	594	342.5	310	155	255	65	23.5	4	155	137	279	210	295	3/4"	108	104	
CDX 3/4700	80	4710	4760	3680	3680	7.13	6.60	756	380	335	180	280	70	26	4	175	173	304	235	335	3/4"	144	139	

4 POLE - 1500/1800 RPM

MODEL	Fra. Size	C/ Force Kgs		Power W		Max. Cur. A		A	B	C	D	E	F	G		H	I	L	M	N	Gland Thread		Weight Kgs	
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz							Ø	No.						50 Hz	60 Hz		
CDX 15/1100	35	1045	982	369	442	0.81	0.88	444	248.5	210	120	170	52	17	4	112	117	192	160	218	NPT	46.0	41.5	
CDX 15/1410	40	1413	1449	548	740	1.35	1.50	468	278.5	235	140	190	65	17	4	116	108	210	185	225	3/4"	65.6	61.0	
CDX 15/1710	50	1798	1757	882	1105	1.81	1.90	520	278.5	235	140	190	65	22	4	116	134	210	185	225	3/4"	70.0	67.5	
CDX 15/2000	50	2054	2033	882	1105	1.81	1.90	594	278.5	235	140	190	65	22	4	116	594	210	185	225	3/4"	75.0	69.0	
CDX 15/2410	60	2420	2444	1305	1485	2.95	2.90	572	312	270	155	225	52	22	4	135	146	238.5	200	253	3/4"	98.0	92.0	
CDX 15/3810	70	3840	3744	1839	1845	3.80	3.50	594	342.5	310	155	255	65	23.5	4	155	137	279	210	295	3/4"	133.0	128	
CDX 15/5010	80	5007	4941	2100	2100	4.75	4.40	756	380	335	180	280	70	26	4	175	173	304	235	335	3/4"	167.0	160	

EXPLOSION PROOF ELECTRIC EXTERNAL VIBRATORS 6 POLES AND 8 POLES CDX

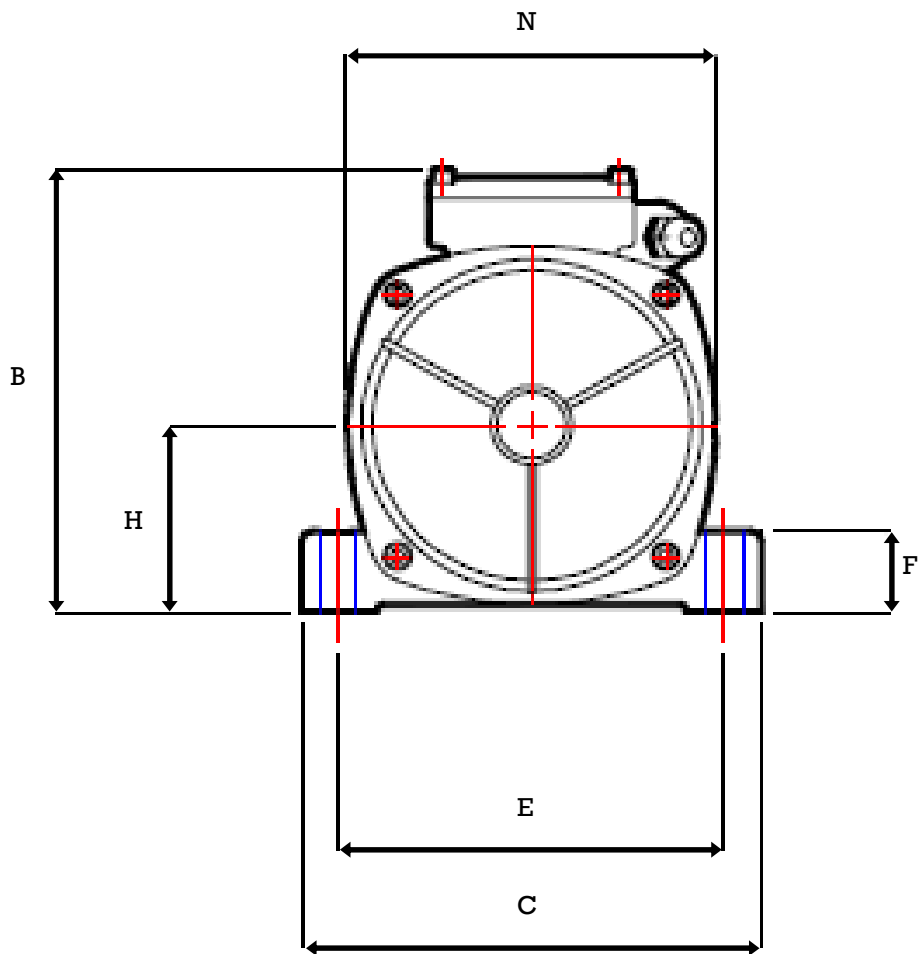
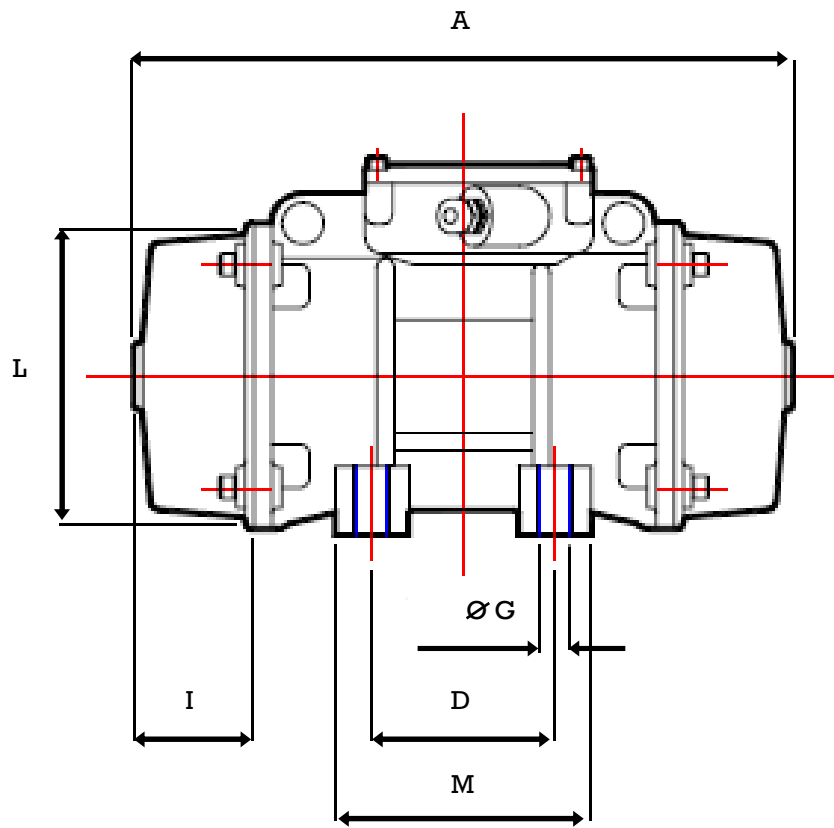


6 POLE - 1000/1200 RPM

MODEL	Fra. Size	C/ Force Kgs		Power W		Max. Cur. A		A	B	C	D	E	F	G		H	I	L	M	N	Gland Thread		Weight Kgs
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz							∅	No.						50 Hz	60 Hz	
CDX 10/550	35	512	737	220	220	0.57	0.61	444	248.5	210	120	170	52	17	4	112	117	192	160	218	NPT	47.5	47.5
CDX 10/810	40	809	905	370	442	1.24	1.30	520	278.5	235	140	190	65	17	4	116	134	210	185	225	NPT	70.7	65.4
CDX 10/1110	50	1132	1151	483	548	1.52	1.65	594	278.5	235	140	190	65	22	4	116	171	210	185	225	NPT	79.0	72.0
CDX 10/1610	60	1638	1549	738	913	2.09	2.10	634	312	270	155	225	52	22	4	135	177	238.5	200	253	NPT	109	89.0
CDX 10/2610	70	2601	2747	1470	1470	3.80	3.70	676	342.5	310	155	255	65	23.5	4	155	178	279	210	295	NPT	144	130
CDX 10/3810	80	3826	3831	1700	1850	4.75	4.75	756	380	335	180	280	70	25	4	175	173	304	235	335	NPT	200	182

8 POLE - 750/900 RPM

MODEL	Fra. Size	C/ Force Kgs		Power Rating W		Max. Current A		A	B	C	D	E	F	G		H	I	L	M	N	Gland Thread		Weight Kgs
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz							∅	No.						50 Hz	60 Hz	
CDX 075/400	35	288	415	150	150	0.57	0.58	444	248.5	210	120	170	52	17	4	112	117	192	160	218	NPT	47.5	47.5
CDX 075/660	40	456	656	184	184	0.87	0.90	520	278.5	235	140	190	65	17	4	116	134	210	185	225	NPT	70.7	70.7
CDX 075/910	50	637	917	231	260	1.00	1.10	594	278.5	235	140	190	65	22	4	116	171	210	185	225	NPT	77.0	77.0
CDX 075/1310	60	922	1327	480	560	1.52	1.90	634	312	270	155	225	52	22	4	135	177	238.5	200	253	NPT	109	109
CDX 075/2110	70	1463	2107	1036	1100	3.52	3.45	676	342.5	310	155	255	65	23.5	4	155	178	279	210	295	NPT	144	144
CDX 075/3110	80	2152	3099	1320	1400	4.85	5.00	756	380	335	180	280	70	25	4	175	173	304	235	335	NPT	196	196



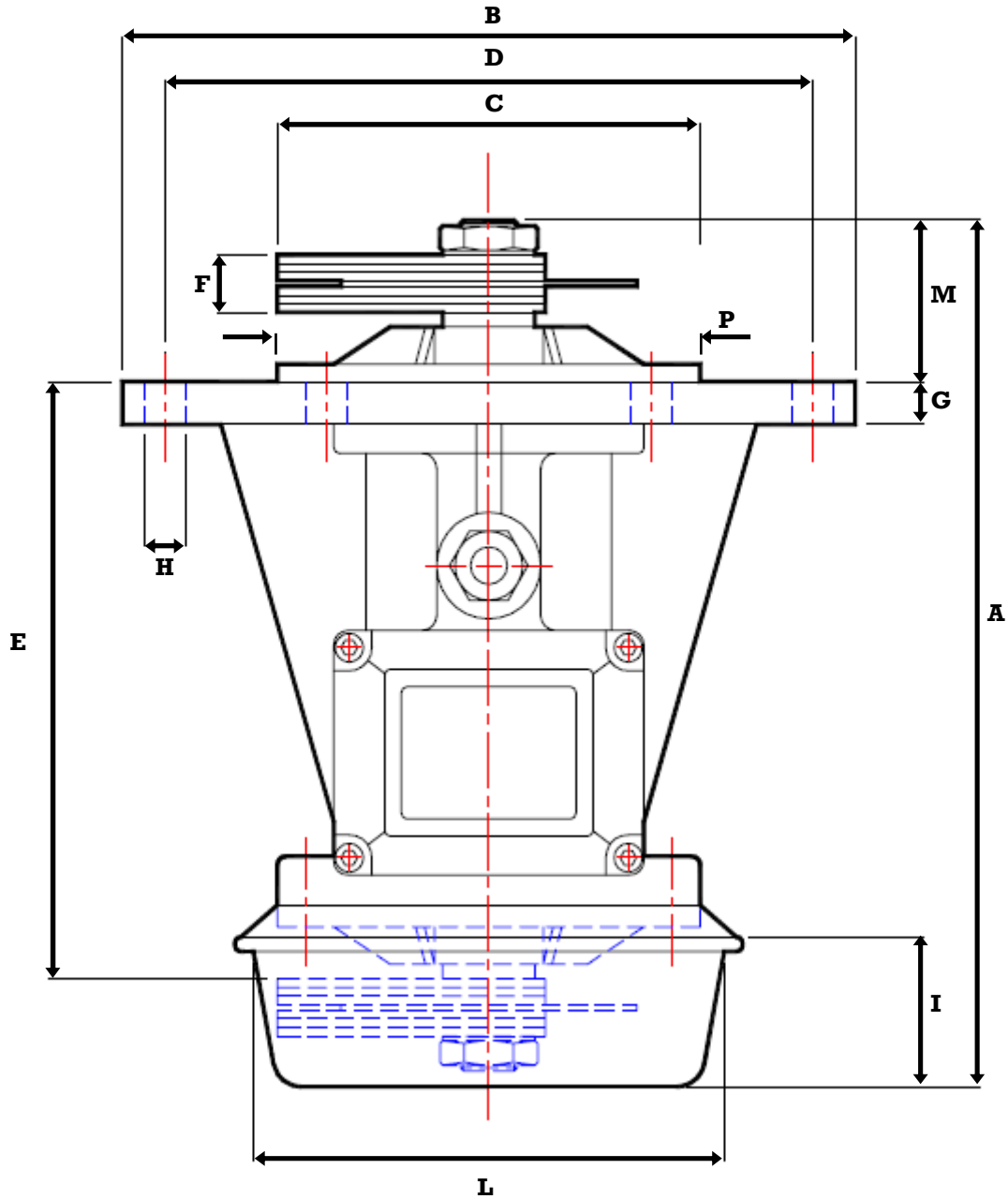


FLANGED ELECTRIC EXTERNAL VIBRATORS

MODEL MTF

- Protection IP66
- Class F Insulation
- Ambient Temperature -30°C to $+40^{\circ}\text{C}$
- Atex Certified, area of use zone 21 and 22

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PERFORMANCE DATA

MODEL	SIZE	C/F Kgs	Pow. W	Freq. rpm	Curr. A	A	B Ø	C Ø	Holes			E	F	G	I	L	M	P Ø	Cable Entry Thread X 1.5	Wght Kgs
									D Ø	H Ø	No.									
MTF 3/65*	00	62	120	3000	0.27	189	130	86	109	8.5	4	132	7.5	10	36	96	22	-	M20	5.4
MTF 3/200*	01	212	180	3000	0.35	224.5	211.5	100	188	12	4	150	21	10	58	103	22.5	-	M20	7.5
MTF 3/300*	10	303	260	3000	0.60	247	215	110	187	12	4	177	18	13	54	127	22	-	M20	11.2
MTF 3/500*	20	643	450	3000	0.80	279.5	245	150	205	12	6	160	18	12	65	145	90.5	162	M25	15.0
MTF 3/800*	30	785	650	3000	1.10	301	260	150	230	15	6	182	18	15	63	170	56	150	M25	17.0
MTF 3/1100**	40	1180	940	3000	1.70	383	279	145	254	14	4	-	31	17.5	57.5	-	63	229	M25	26.0
MTF 15/200*	10	212	170	1500	0.41	292.5	215	114	187	12	4	177	48	13	77	127	44.5	-	M20	14.0
MTF 15/400*	20	412	300	1500	0.60	335.5	245	130	205	12	6	130	59	12	93	145	118.5	162	M25	20.6
MTF 15/550*	20	552	300	1500	0.60	376.5	245	130	205	12	6	130	79	12	114	145	138.5	162	M25	22.0
MTF 15/700*	30	720	525	1500	0.92	380.5	260	154	230	15	6	182	59	15	106	170	92.5	150	M25	24.2
MTF 15/1100**	40	1045	900	1500	1.45	426	279	190	254	14	4	-	49	17.5	57.5	-	84.5	229	M25	36.0

** Shaft Extension * Single Phase available upon request

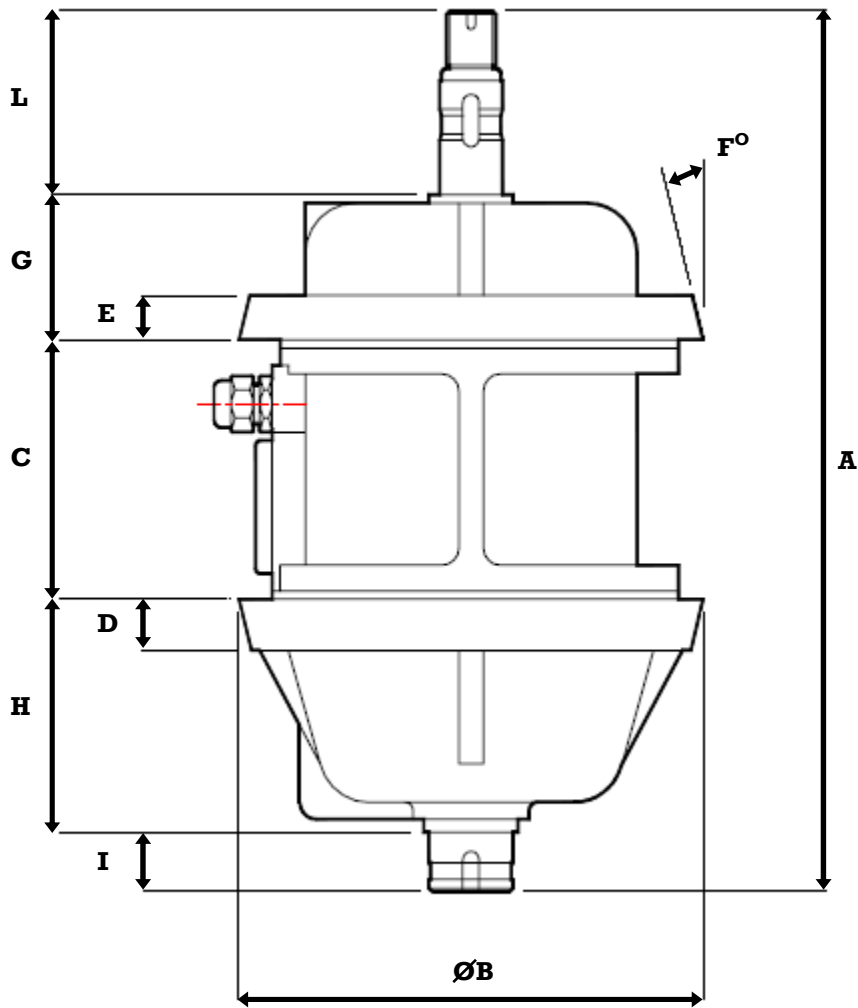


FLANGED VERTICAL ELECTRIC VIBRATORS

MODEL VB

- Protection IP66
- Class F Insulation
- Ambient Temperature -30°C to $+40^{\circ}\text{C}$
- Atex Certified, area of use zone 21 and 22

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PERFORMANCE DATA

MODEL	POLES	RPM		C/F FORCE (kgs)		POWER (W)		CURRENT (A)	
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
VB 15/2510-D	4	1500	1800	2500	2500	2016	2600	3.60	4.10
VB 10/2510-D	6	-	1200	-	2500	-	2100	-	3.22

DIMENSIONS

MODEL	A	ØB	C	D	E	F°	G	H	I	L	Cable Entry Thread X 1.5	Weight (Kgs)
VB 15/2510-D	517.5	281	152.5	30	26	14	85.3	136.6	35	108	M32	68
VB 10/2510-D	517.5	281	152.5	30	26	14	85.3	136.6	35	108	M32	68

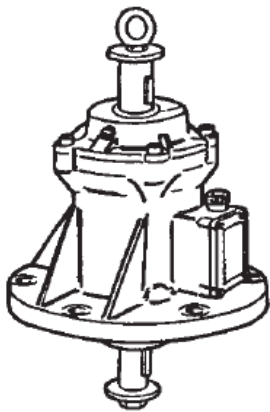


FLANGED VERTICAL ELECTRIC VIBRATORS

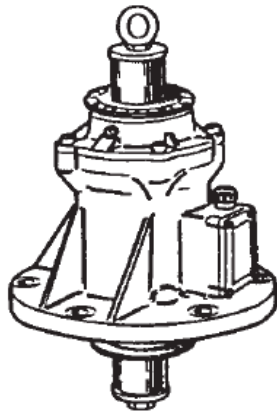
MODEL MVB

- Protection IP66
- Class F Insulation
- Ambient Temperature -30°C to $+40^{\circ}\text{C}$
- Atex Certified, area of use zone 21 and 22

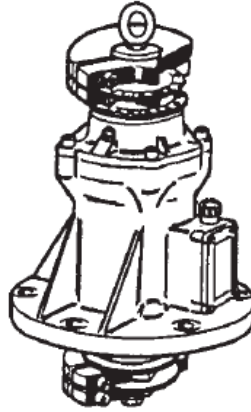
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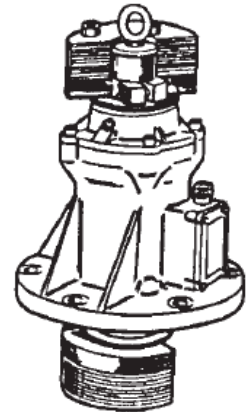
VERSION A



VERSION B



VERSION C



VERSION D

MODEL	FREQUENCY (RPM)		C/F KGS		POWER (W)		MAX. CURRENT (A)	
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
MVB 1510/15	1500	1800	1500	1500	1100	1200	2.10	2.00
MVB 2500/15	1500	1800	2500	2500	2150	2700	3.90	4.10
MVB 4500/15	1500	1800	4500	4500	4000	4200	6.70	5.80
MVB 7000/15	1500	1800	7000	7000	7000	7000	11.8	10.2
MVB 1510/15-FLC	1500	1800	1500	1500	1100	1200	2.10	2.00
MVB 2500/15-FLC	1500	1800	2500	2500	2150	2700	3.90	4.10
MVB 4500/15-FLC	1500	1800	4500	4500	4000	4200	6.70	5.80
MVB 7000/15-FLC	1500	1800	7000	7000	7000	7000	11.8	10.2

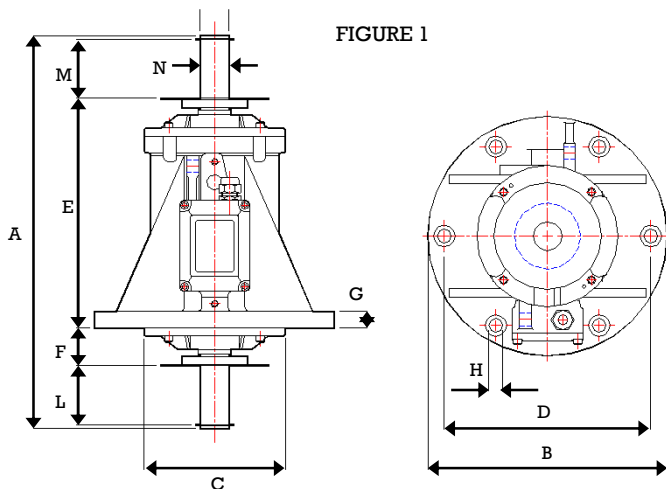


FIGURE 1

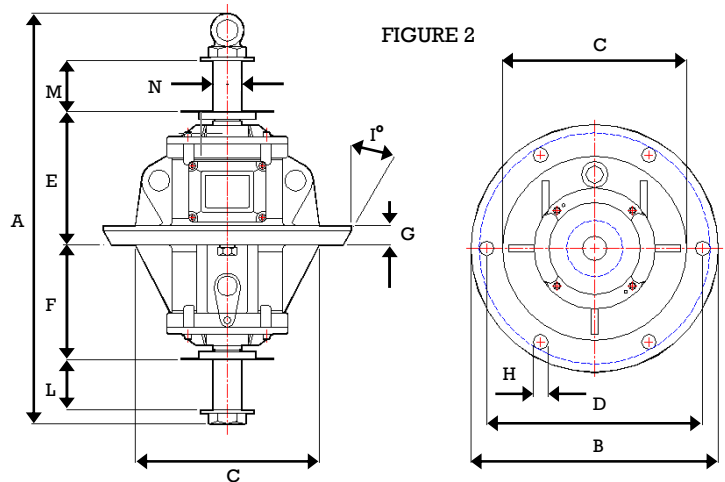


FIGURE 2

MODEL	Size	Fig.	A	B Ø	C Ø	D Ø	E	F	G	H Ø	I°	L	M	N Ø	Cable Entry Thread X 1.5	Weight Kgs
MVB 1510/15	50	1	476	290	171	250	278	46	20	17	-	71	71	-	M25	41.5
MVB 2500/15	60	1	587	350	224	305	294	54	27	21	-	71	71	-	M25	67.0
MVB 4500/15	80	1	664	400	240	355	340	70	30	23.5	-	75	75	-	M25	106
MVB 7000/15	90	1	740	508	314	438	388	88	34	25	-	79	79	-	M32	160
MVB 1510/15-FLC	50	2	476	350	260	305	174	150	27	21	30	71	71	35	M25	54.5
MVB 2500/15-FLC	60	2	587	350	260	305	189	162	27	21	30	71	71	40	M25	67.0
MVB 4500/15-FLC	80	2	664	400	310	355	220	190	30	23.5	15	75	75	52	M25	106
MVB 7000/15-FLC	90	2	740	508	348	348	255.5	224.5	32.5	25	30	79	79	52	M32	160

Weight Adjustment The weights at the two ends of the shaft can be staggered as required, with reference to the graduated discs on the shaft itself.

There are two types of weight available, type "C" and type "D".

Each C type weight group (in twos) is adjustable by phase in shifting one in respect to the other.

Each D type weight group (lamellars) is adjustable by removing one or more lamellar elements

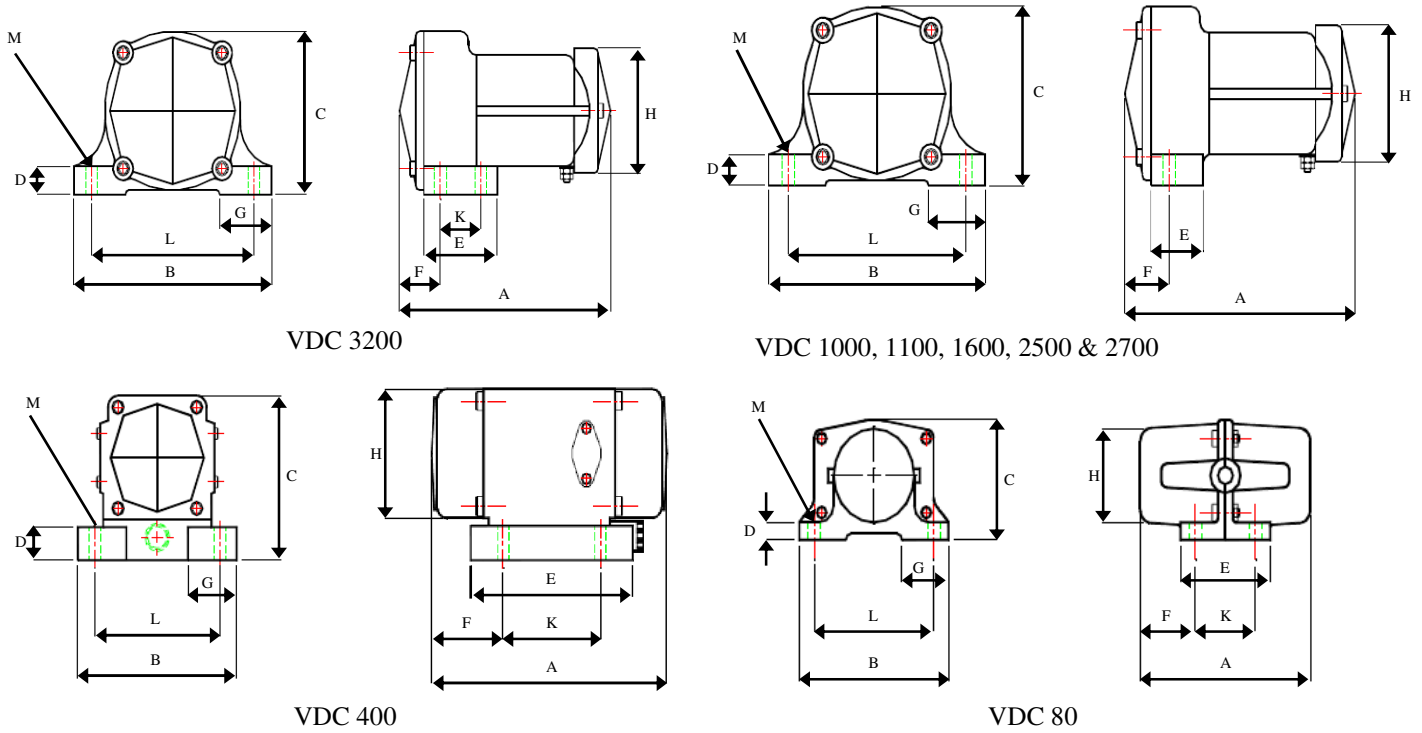


ELECTRIC EXTERNAL VIBRATORS

MODEL VDC

- Rotary Vibration
- Robust Unit
- Available in 12v and 24v
- Sealed against water and dust ingress
- Oversized bearings

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PERFORMANCE DATA

MODEL	MAX. CURRENT (Amps)		MAX RPM	C/F FORCE (Kgs)
	12 V *	24 V *		
VDC 3200	85	62	4000	1455
VDC 2700	75	55	4500	1228
VDC 2500	72	55	5000	1136
VDC 1600	70	55	5000	727
VDC 1100	70	55	5000	500
VDC 1000	22	11	5000	455
VDC 400	15	7.5	3800	186
VDC 80	5	n/a	4000	36

* Please specify while ordering

DIMENSIONS

MODEL	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	K mm	L mm	M bolts	Wght kgs
VDC 3200	263.5	247.7	174.6	30.2	92.1	50.8	65.1	133.4	50.8	203.2	14 (4)	16.4
VDC 2700	254.0	247.7	174.6	30.2	57.2	44.5	65.1	133.4	n/a	203.2	14 (2)	14.6
VDC 2500	254.0	247.7	174.6	30.2	57.2	44.5	65.1	133.4	n/a	203.2	14 (2)	14.1
VDC 1600	254.0	247.7	174.6	30.2	57.2	44.5	65.1	133.4	n/a	203.2	14 (2)	13.6
VDC 1100	254.0	247.7	174.6	30.2	57.2	44.5	65.1	133.4	n/a	203.2	14 (2)	13.6
VDC 1000	228.6	247.7	165.1	25.4	57.2	57.2	63.5	98.4	n/a	203.2	12 (2)	10.5
VDC 400	230.2	161.1	142.9	28.6	158.8	69.9	49.2	108.0	95.3	127.0	10 (4)	8.2
VDC 80	144.5	127.0	87.30	12.7	76.2	46.1	39.7	68.3	50.8	101.6	10 (4)	2.3



ELECTRIC EXTERNAL VIBRATORS

MODEL MVCC

- Rotary Vibration
- Available in 12v and 24v DC
- Protection IP65
- Class F Insulation
- Large Terminal Connection
- Ambient Temperature

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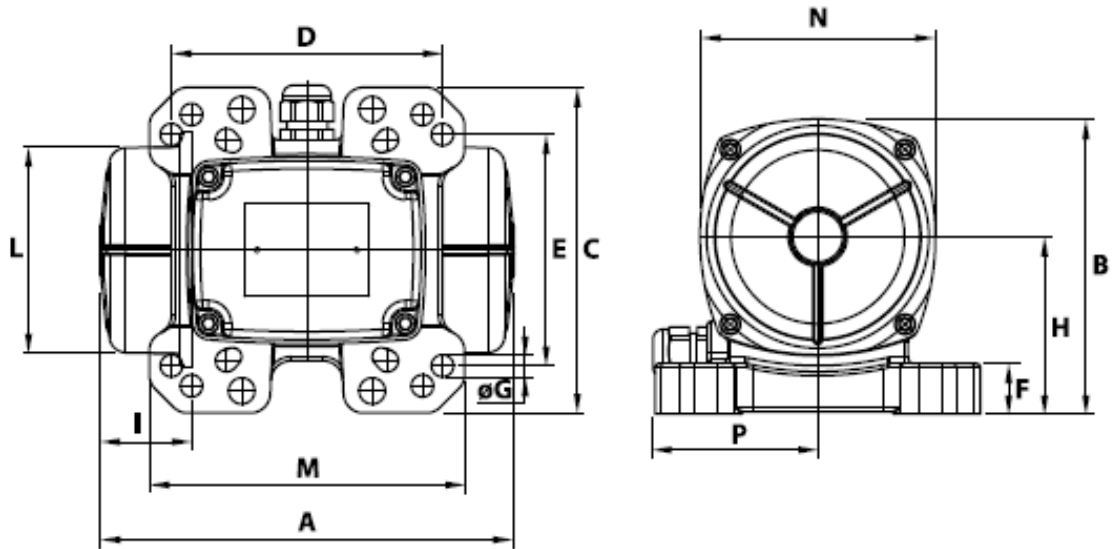
PERFORMANCE DATA

MODEL	RPM	C/F FORCE (kgs)	POWER	WEIGHT	MAX CURRENT	
					12v	24v
MVCC 3/100-MF	3000	120	100	5.0	8.0	4.0
MVCC 3/200-MF	3000	211	190	6.0	16.0	8.0
MVCC 3/500	3000	503	270	13.1	-	11.3
MVCC 3/1200	3600	1130	530	20.8	-	22.0
MVCC 3/1500	3600	1520	530	21.5	-	22.0

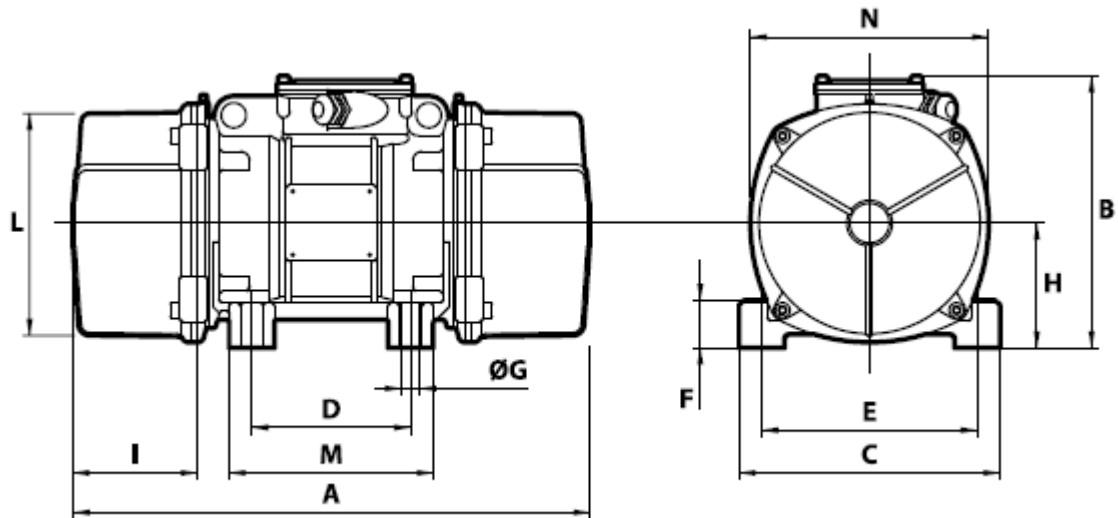
DIMENSIONS

MODEL	A	B	C	D	E	F	ØG	H	I	L	M	N	P	Cable Gland
MVCC 3/100-MF	206	146.5	162	65 74 80 115 135	140 106 110 135 115	25	13 9 11 11 11	88	46	103	157	117	82	M20x1.5
MVCC 3/200-MF	263	146.5	162	65 74 80 115	140 106 110 135	25	13 9 11 13	88	46	103	140	117	82	M20x1.5
MVCC 3/500	288	203	167	105	140	30	13	82.5	65	145	140	160	-	M25x1.5
MVCC 3/1200	308	214.5	205	120	170	45	17	93.5	63	168	160	182	-	M25x1.5
MVCC 3/1500	308	214.5	205	120	170	45	17	93.5	63	168	160	182	-	M25x1.5

MVCC 3/100-200-MF



MVCC 3/500-1200-1500





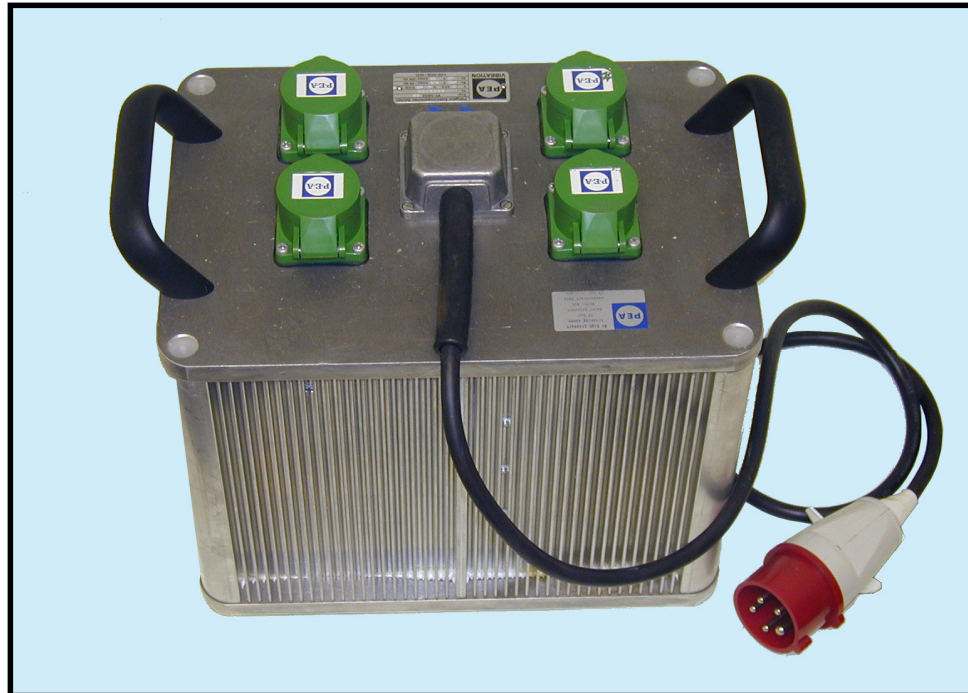
VARIABLE SPEED CONTROLS

MODEL VSC

- Enables the speed of rotary electric vibrators to be regulated
- Enables centrifugal force to be regulated
- Manufactured in the UK
- Utilising a robust inverter using pulse width modulation
- Variable frequency and voltage
- Power ratings from 0.37kw to 4kw (1ph) and 45kw (3ph)
- In all cases output is 3ph
- The inverter is housed in a powder coated enclosure

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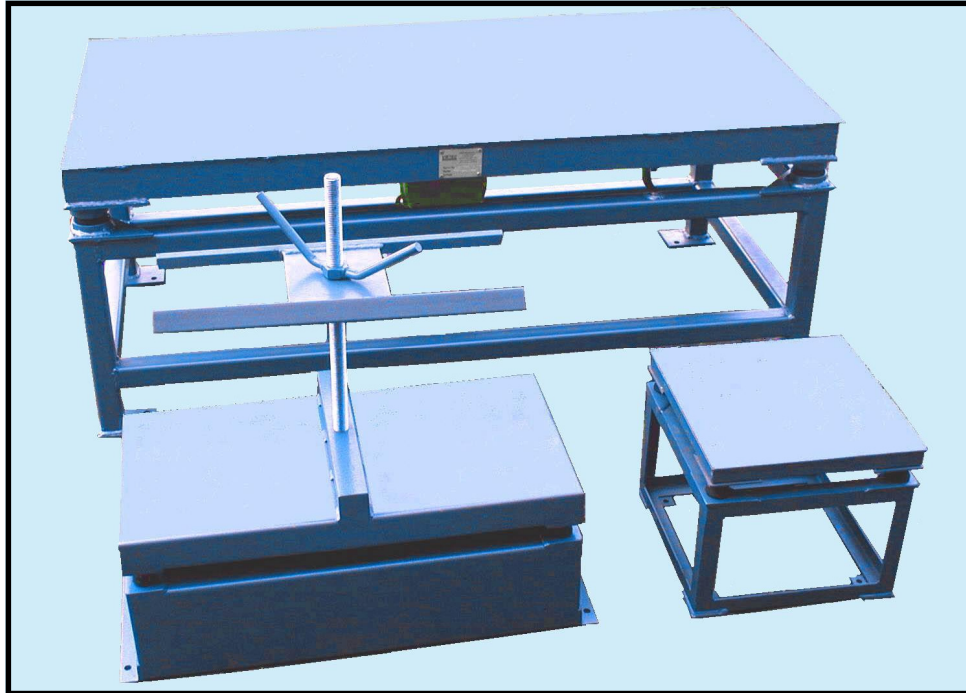


HIGH FREQUENCY CONVERTOR

MODEL VPM

- Compact
- Lightweight
- Maintenance Free
- Extremely Robust
- Portable

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VIBRATING TABLES

MODELS FTT and TCT

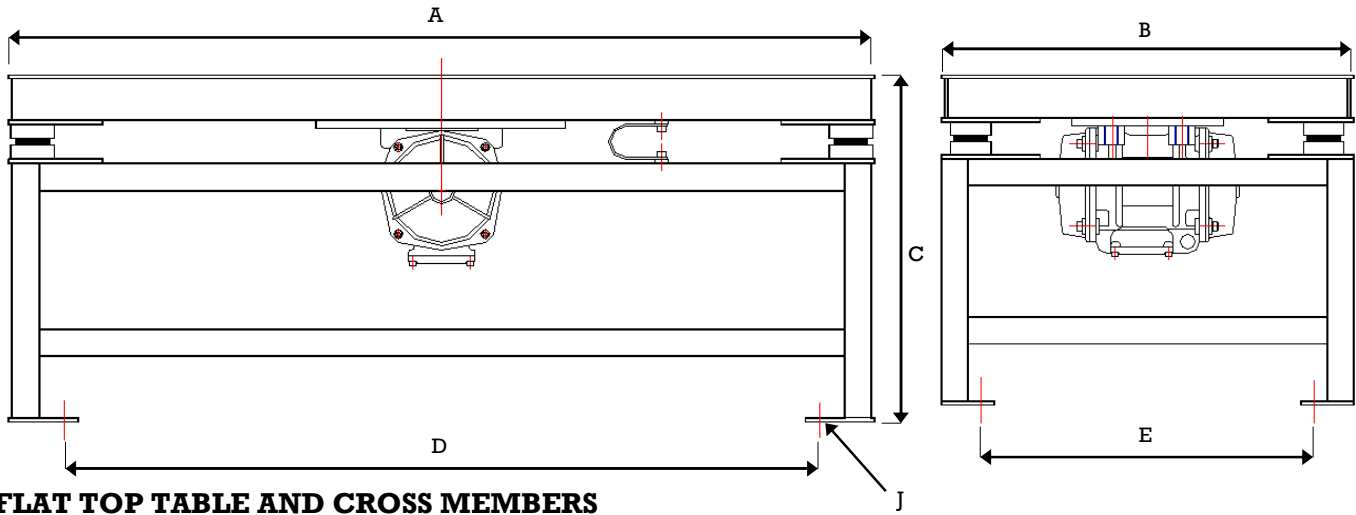
- Flat top tables and Test cube tables available
- Variety of sizes to choose from
- Vibration is provided by electric or pneumatic external vibrators
- Anti Vibration mountings are incorporated in all models
- Performance characteristics can be selected to meet most applications

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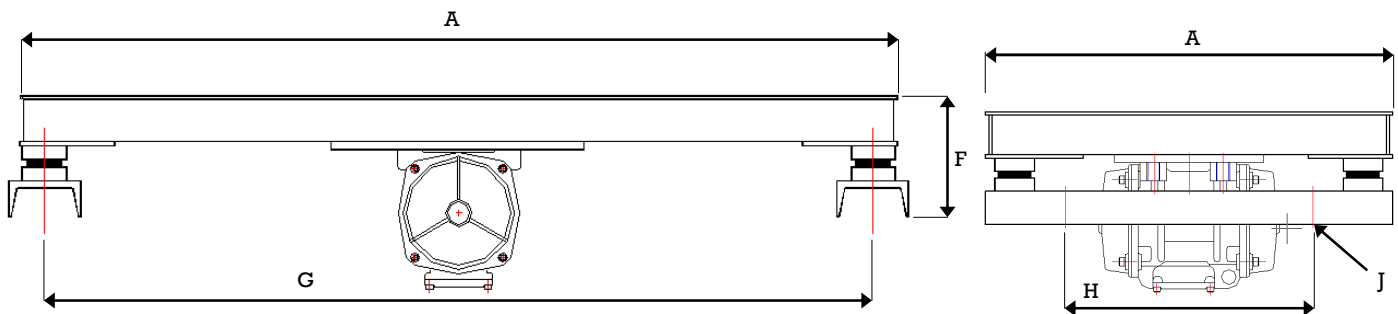
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FLAT TOP TABLE AND STAND

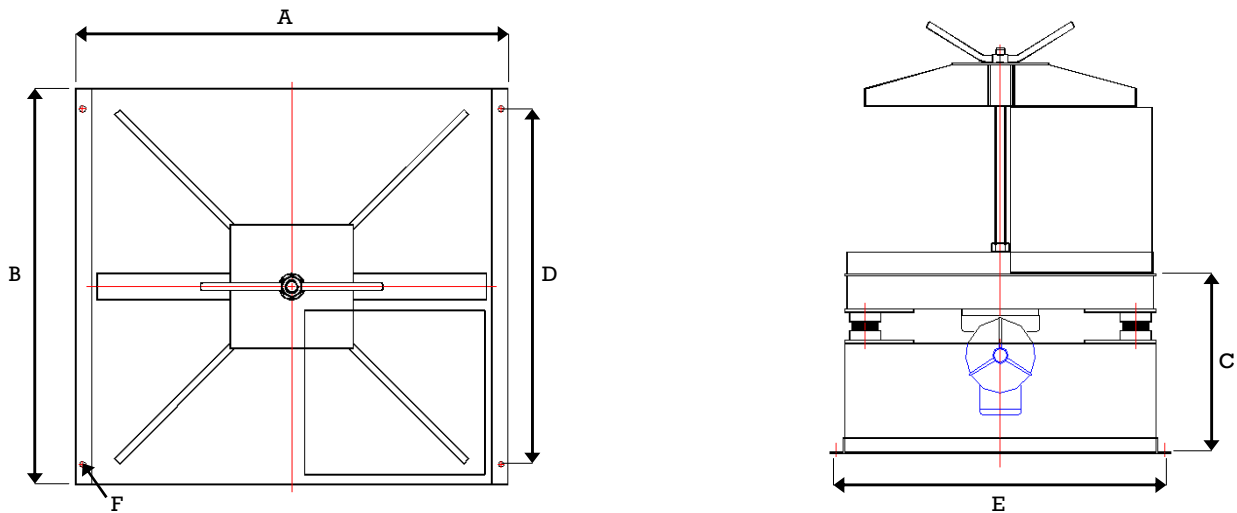


FLAT TOP TABLE AND CROSS MEMBERS



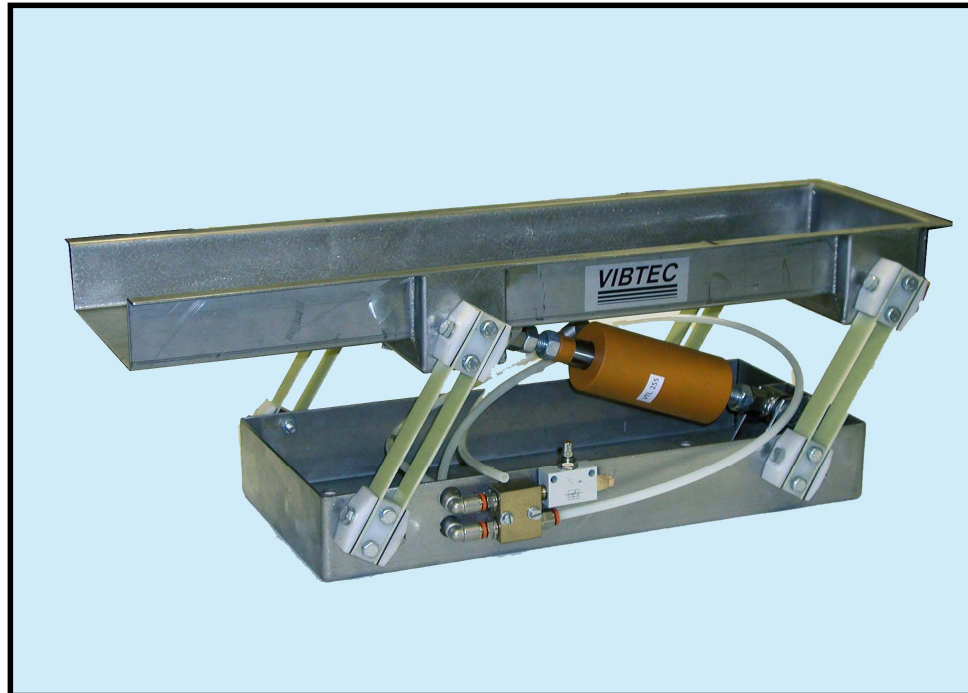
MODEL	WGHT OF TABLE TOP (kgs)	A	B	STAND			CROSS MEMBERS			J
				C	D	E	F	G	H	
FTT 300 x 300	6	300	300	260	240	330	N/a	N/a	N/a	13
FTT 600 x 600	30	600	600	500	440	480	172	530	330	13
FTT 1250 x 625	71	1250	625	500	1090	505	172	1180	380	13
FTT 1500 x 900	145	1500	900	500	1340	780	214	1430	1230	13
FTT 2000 x 1000	190	2000	1000	500	1840	880	214	1930	1730	13

TEST CUBE TABLES



MODEL	NO. OF MOULDS	A	B	C	D	E	F
TCT 610 x 305	2	610	305	326	250	645	10
TCT 610 x 610	4	610	610	326	548	645	10

NOTE: The FTT 1250 x 625 table is available with clamping arrangements incorporating a diagonal beam or two parallel beams for use with cube mounts



PNEUMATIC NATURAL FREQUENCY FEEDERS

MODEL NFF

- Designed to transport a wide range of materials over distances
- The troughs can be lighter and less rigid than conventional designs
- Available with open or totally enclosed troughs
- The operating frequency is developed by pneumatic linear vibrators
- Troughs are supported by fibre glass springs

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ELECTRO-MAGNETIC DRIVES

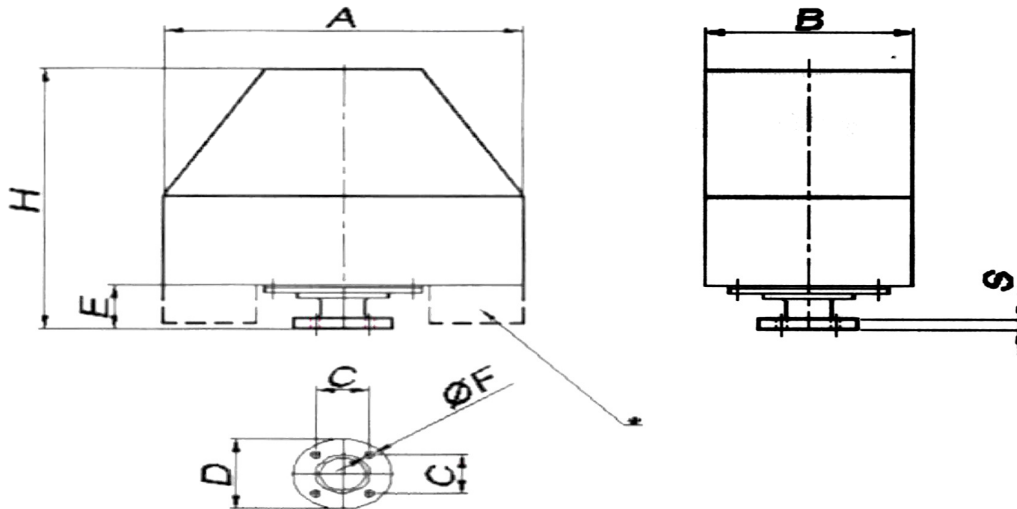
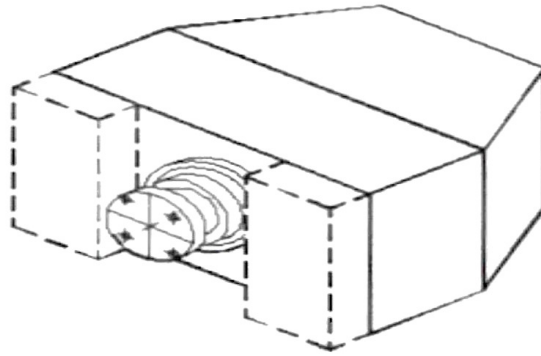
MODEL K

- 3 sizes in the range covering trough weights from 20 to 130kg
- High quality, extremely robust and reliable with 1-1.5mm stroke
- Available for either 230 or 400V supply
- All parts either galvanized or painted with tropicalized coil
- Protected to IP 54 (higher on request) and insulated to class F
- Temperature range -10 to +40°C

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PERFORMANCE DATA

TYPE	VOLTAGE	Hz	VA	Kg	RANGE	STROKE
K40	230-400	50-60	400	35	20-40Kg	1-1.5 mm
K80	230-400	50-60	1000	65	40-80Kg	1-1.5 mm
K130	230-400	50-60	2000	110	80-130Kg	1-1.5 mm

DIMENSIONS

TYPE	A	B	C	D	E	ØF	H	S
K40	330	200	50	90	56	11	331	12
K80	400	230	60	110	65	13	405	16
K130	400	230	60	110	65	13	405	16

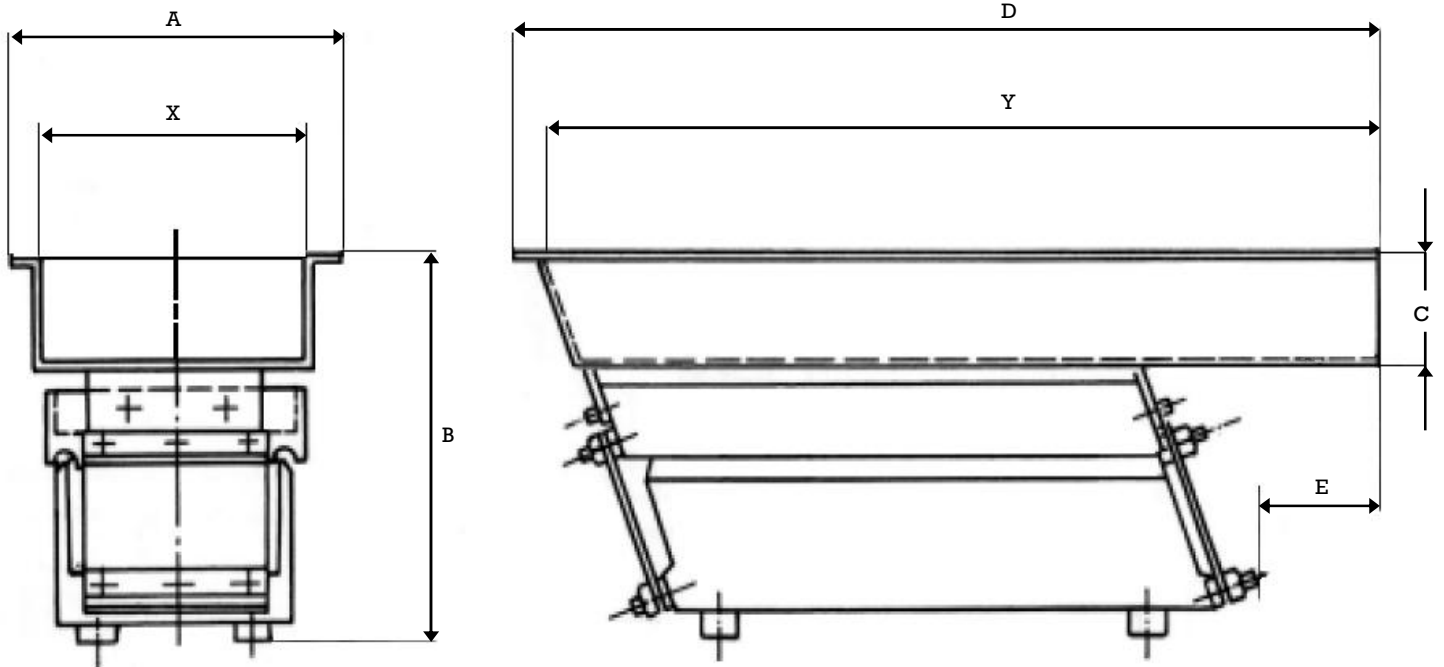


AVITEQ ELECTRO-MAGNETIC CONVEYORS

MODEL KF

- Reliable operation over long periods
- Specially designed two-mass vibration system
- Vibration characteristics unaffected by weight of conveyed materials
- Maintenance free drive unit
- Conforms to all EU guidelines applying to these devices

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DIMENSIONS

MODEL X / Y mm	MATERIAL	Del. Flow * m ³ / h	A	B	C	D	E	Trough Thickness	Trough Weight kgs
KF-1-400/50	STAINLESS STEEL	0.8	80	155	40	415	75	1	0.60
KF-1-450/50	STAINLESS STEEL	0.8	80	155	40	465	125	1.5	0.95
KF-1-500/50	STAINLESS STEEL	0.7	80	155	40	515	175	1	0.75
KF-1-600/50	STAINLESS STEEL	0.7	80	155	40	615	275	1.5	1.25
KF-1-400/100	STAINLESS STEEL	2.2	130	165	60	415	70	1.5	1.70
KF-1-500/100	STAINLESS STEEL	2.1	130	165	60	515	170	1.5	1.90
KF-1-500/200	ALUMINIUM	3	240	166	40	520	175	2.5	1.25
KF-6-500/100	STAINLESS STEEL	3	130	210	60	515	65	1.5	1.90
KF-6-550/100	STAINLESS STEEL	3	130	210	60	565	115	1.5	2.10
KF-6-630/100	STAINLESS STEEL	2.8	130	210	60	645	195	1.5	2.30
KF-6-800/100	STAINLESS STEEL	2.6	130	210	60	815	365	1.5	2.70
KF-6-1000/100	STAINLESS STEEL	2.5	130	210	60	1015	460	1.5	3.20
KF-6-700/150	STAINLESS STEEL	4.4	190	210	60	715	265	1.5	2.90
KF-6-850/150	STAINLESS STEEL	4.2	190	210	60	865	415	1.5	3.40
KF-6-1000/150	STAINLESS STEEL	4	190	210	60	1020	550	1.5	4.00
KF-6-500/200	STAINLESS STEEL	5.8	240	210	60	5220	65	1.5	2.80
KF-6-500/200	ALUMINIUM	5.8	240	210	60	520	50	2.5	1.40
KF-6-630/200	STAINLESS STEEL	5.6	240	210	60	650	180	1.5	3.40
KF-6-630/200	ALUMINIUM	9.5	240	250	100	650	180	2.5	2.10
KF-6-630/300	ALUMINIUM	8.4	340	210	60	650	190	3	2.80
KF-12-630/200	STAINLESS STEEL	9.7	240	270	100	650	80	2	4.70
KF-12-800/200	STAINLESS STEEL	9.5	240	270	100	820	252	2	5.70
KF-12-630/300	STAINLESS STEEL	14.5	355	270	100	650	80	2	6.65
KF-12-630/300	ALUMINIUM	18	355	295	125	650	80	3	3.60
KF-12-630/450	ALUMINIUM	25	490	295	125	650	80	3	5.00

*information based on quartz sand with a bulk density of 1.5t / m³, grain size 0.3—0.5mm, dry: material height 80% of trough (dimension C)

Explosion proof models are available in both the feeders and control units



PNEUMATIC INTERNAL VIBRATORS

MODEL V600

- High Efficiency
- Range of 10 sizes
- Standard in-line Lubricator
- Maintenance free rotor
- Simple Value Operation
- Highly Competitive Cost
- UK Manufacture

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PERFORMANCE DATA

MODEL	V628	V635	V645	V655	V665	V675	V685	V6105	V6140	V6160
Head Diam. (mm)	28	35	45	55	65	75	85	105	140	160
Head Length (mm)	234	278	285	316	327	366	395	395	508	508
Frequency (VPM)	18000	18000	17000	17000	18000	18000	17000	13500	10000	10000
C/F Force (N)	1440	1924	3500	6050	9301	14851	22184	22304	32460	49347
Air Consumption (l/min)	500	608	736	820	1018	1218	1600	2100	2880	3750
Weight (kgs)	4.4	6	8	9	10	15	19	23	35	41.5
Radius of Effectiv. (cm)	16	20	25	38	44	50	55	65	95	105
S P Level (dB)	104.5	107.2	113	109	113	112.1	109	112.2	115	115
Vibration (M.sec ²)	3.2	3	2.74	4.5	4.4	2.24	3.1	4.4	4.8	4.8
Air Pressure (psi)	87									

Sound and Vibration readings taken 1 metre from the poker head
Air Consumption established with supplied pressure of 6 bar



HIGH FREQUENCY ELECTRIC IMMERSION VIBRATORS

MODEL VPI

- High Frequency Immersion Vibrator
- Electric motor close coupled to an eccentric mass
- 42 volts 200 Hz
- Supplied with 5m of handling hose
- Switch box is impact resistant cast aluminium
- 10m of heavy duty flexible cable and plug also included

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PERFORMANCE DATA

MODEL	VPI 30	VPI 37	VPI 47	VPI 57	VPI 65	VPI 80
Head Diam. (mm)	31	38	50	58	65	80
Head Length (mm)	320	360	355	360	335	445
Total Weight (kgs)	7.7	8.8	10.5	12	17	20
Frequency (vpm)	12000	12000	12000	12000	12000	12000
CF Force (N)	1400	1600	3600	5400	7200	15200
Compactn. Rate (m ³ /hr)	12	15	21	36	38	60
Current @42v (A)	3	4	7	12	18	24
Rad. Of Eff. (mm)	150	225	300	350	480	670
Bearing Lubrication	Grease	Oil Bath	Oil Bath	Oil Bath	Grease	Oil Bath



HIGH FREQUENCY ELECTRIC IMMERSION VIBRATORS

MODEL VPK

- High Cycle Immersion Vibrators
- Conventional frequency converters not required
- Standard site supply of 110v, 1 Ph, 50 Hz
- Supplied with 5 metres of handling hose
- Comes complete with switch box
- 10m of heavy duty flexible cable and plug included

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PERFORMANCE DATA

MODEL	VPK 30	VPK 37	VPK 47
Head Diameter (mm)	31	38	50
Head Length (mm)	320	360	355
Total Weight (kgs)	7.7	8.8	10.5
Frequency (vpm)	12000	12000	12000
Centrifugal Force (N)	990	1600	3400
Compaction Rate (m ³ /hr)	12	15	21
Current @ 110v (A)	1.8	2.5	3.6
Radius of effectiveness (mm)	150	225	300
Bearing Lubrication	Grease	Oil Bath	Oil Bath



FLEXIBLE DRIVE VIBRATORS

MODEL VWU AND POWER UNITS

- Manufactured for hand compaction of concrete
- Comprehensive range of pendulum concrete vibrators
- Designed to give the correct balance between amplitude and frequency
- All pokers offered with hand wound flexible shafts, 6m as standard

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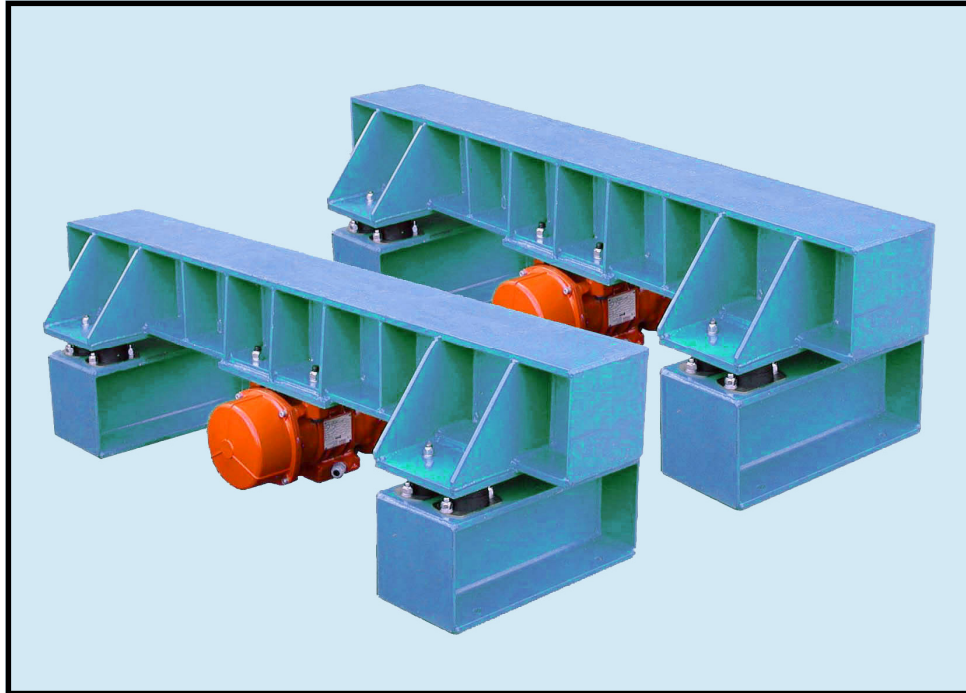
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PERFORMANCE DATA

MODEL	DIAMETER (mm)	HEAD LENGTH (mm)	FREQUENCY (VPM)	DRIVE SIZE	TOTAL WEIGHT (Kgs)
VWU 26	26	335	14000	9 x 26	12.72
VWU 32	32	335	14000	9 x 26	13.07
VWU 40	40	423	12500	13 x 32	18.84
VWU 45	45	483	10120	13 x 32	20.50
VWU 50	50	483	11500	13 x 32	20.63
VWU 60	60	600	11000	13 x 35	23.77
VWU 75	75	604	13000	13 x 35	27.22

POWER UNITS

MODEL	PETROL	DIESEL	ELECTRIC
PRIME MOVER	HONDA (GX160) ROBIN (EX17) LONCIN (G160) KOHLER (CS6) BRIGGS AND STRATTON (Vanguard)	HATZ (1B20) CHANGFA (CF170F) YANMAR (L48AED) LOMBARDINI (15LD225) ROBIN (DY23)	415V 3Ph 50Hz 240V 1Ph 50Hz 110V 3Ph 50Hz 110V 1Ph 50Hz
APPROXIMATE WEIGHT	30 kgs	43 kgs	20 kgs
SPEED	3000 rpm	3000 rpm	2800 rpm
APPROXIMATE SIZE L x W x H	540 x 400 x 465	600 x 400 x 525	600 x 260 x 340



HEAVY DUTY TRESTLES

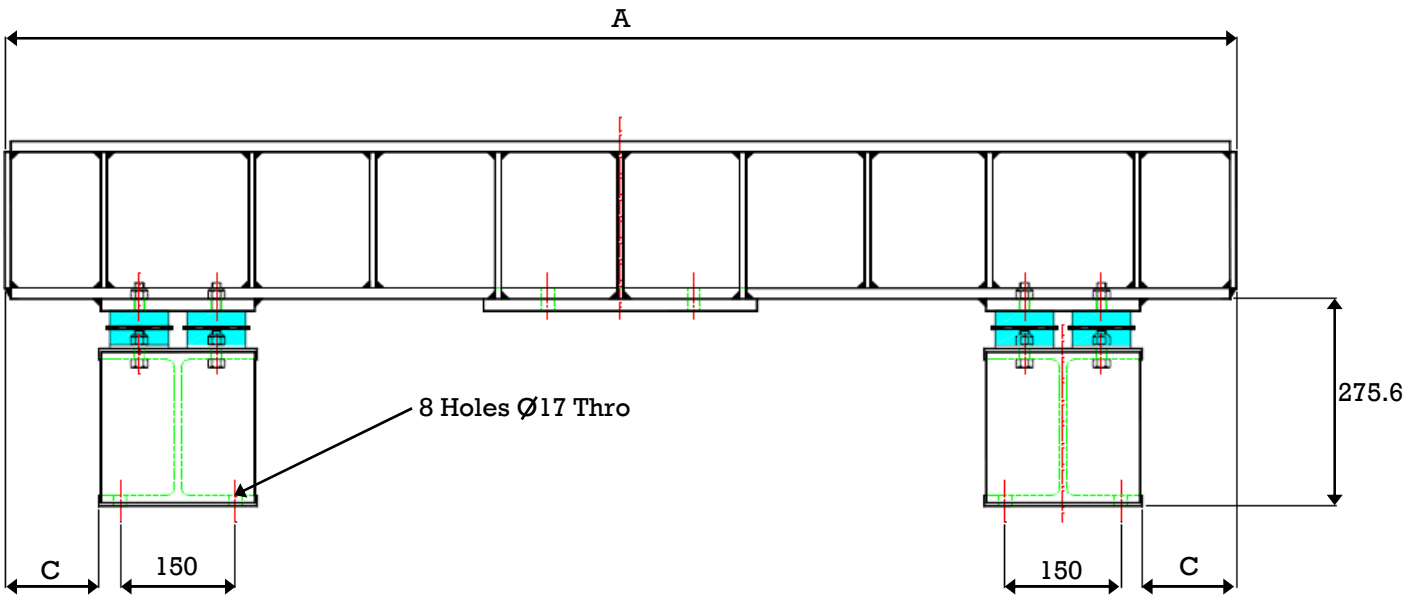
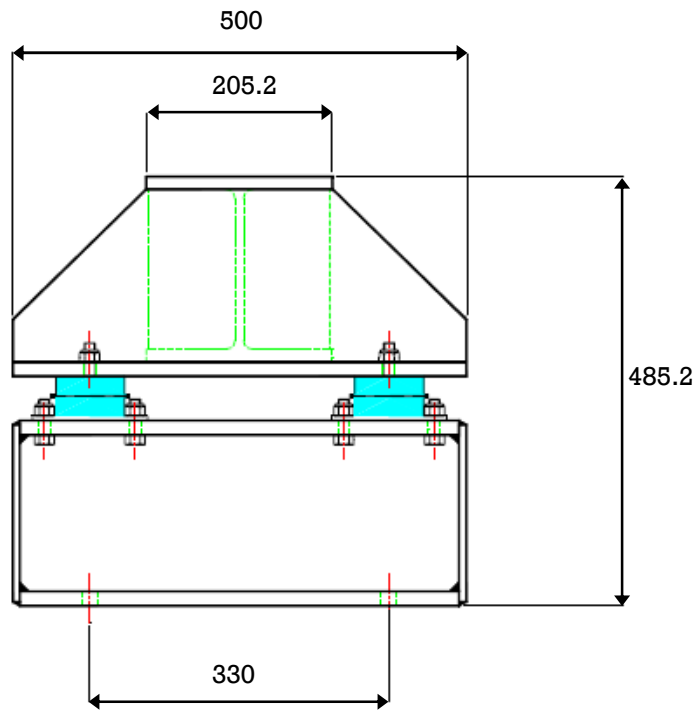
MODEL TR

- Uniform distribution of vibration along the beam of the trestle
- Able to withstand up to 8' g's of acceleration up to 9000 rpm
- Standard designs from 0.7m to 1.65m length
- Quiet alternative to vibrating tables
- Capable of withstanding heavy loads and can be arranged in multiples
- Made to order

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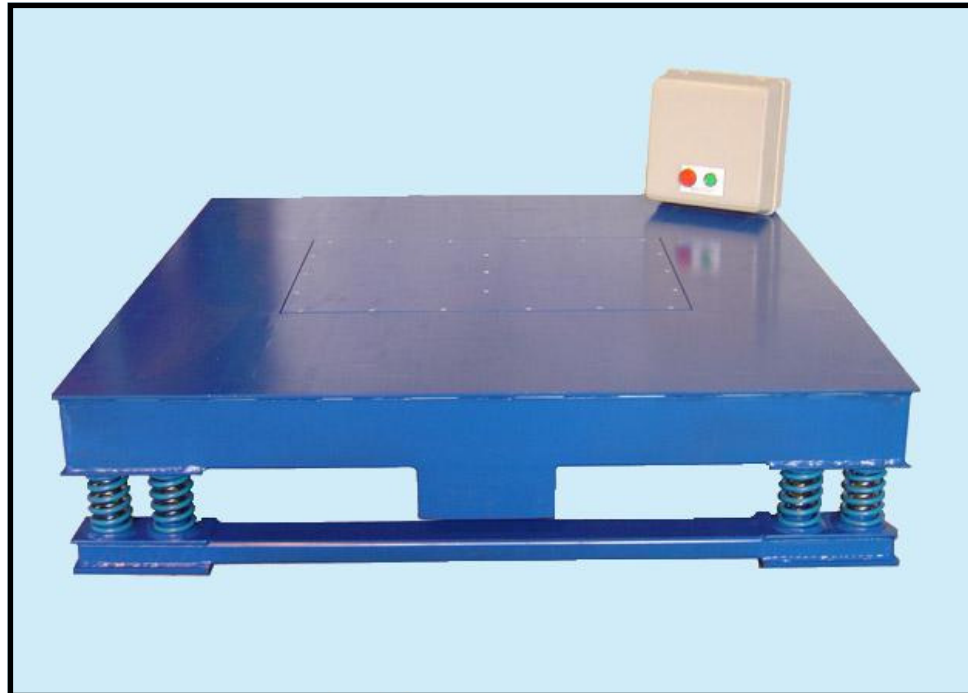
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DIMENSIONS

MODEL	A mm	B mm	C mm	Max load Per trestle kgs	Beam Weight Less vibrator kgs	Total weight Less vibrator kgs
TR 12	1200	850	NIL	1500	140	220
TR 14	1400	850	100	1500	158	238
TR 16	1600	1000	125	1500	183	263
TR 18	1800	1100	175	1500	195	275



BAG FILLING VIBRATORY PLATFORM

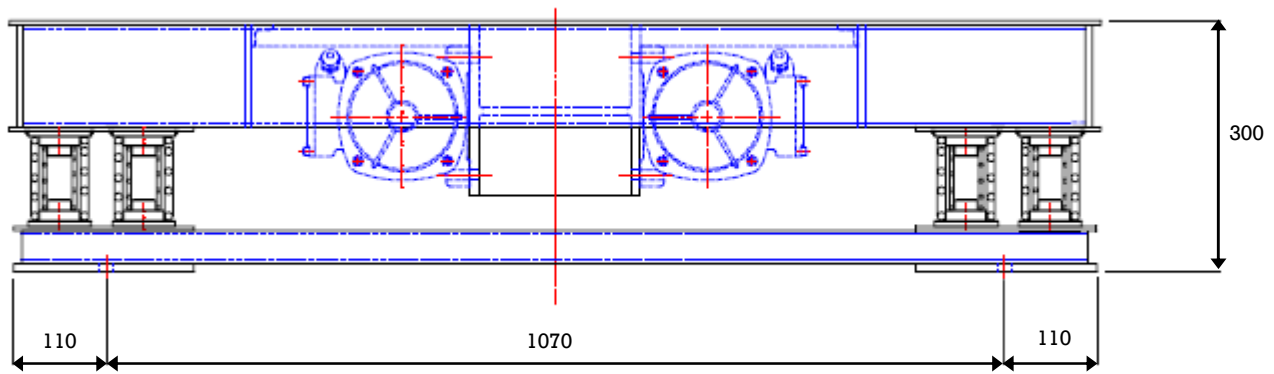
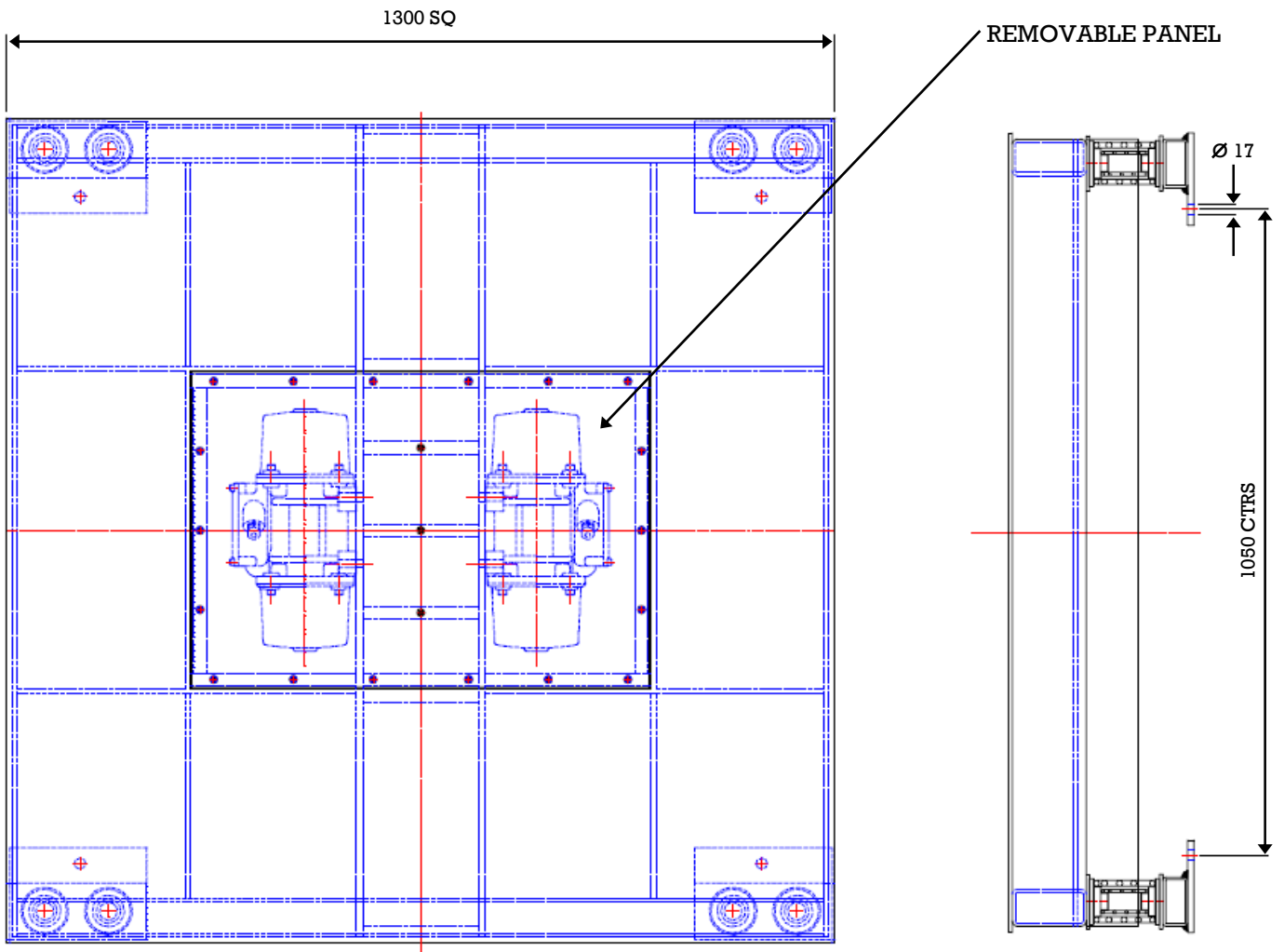
MODEL BVP 15/700

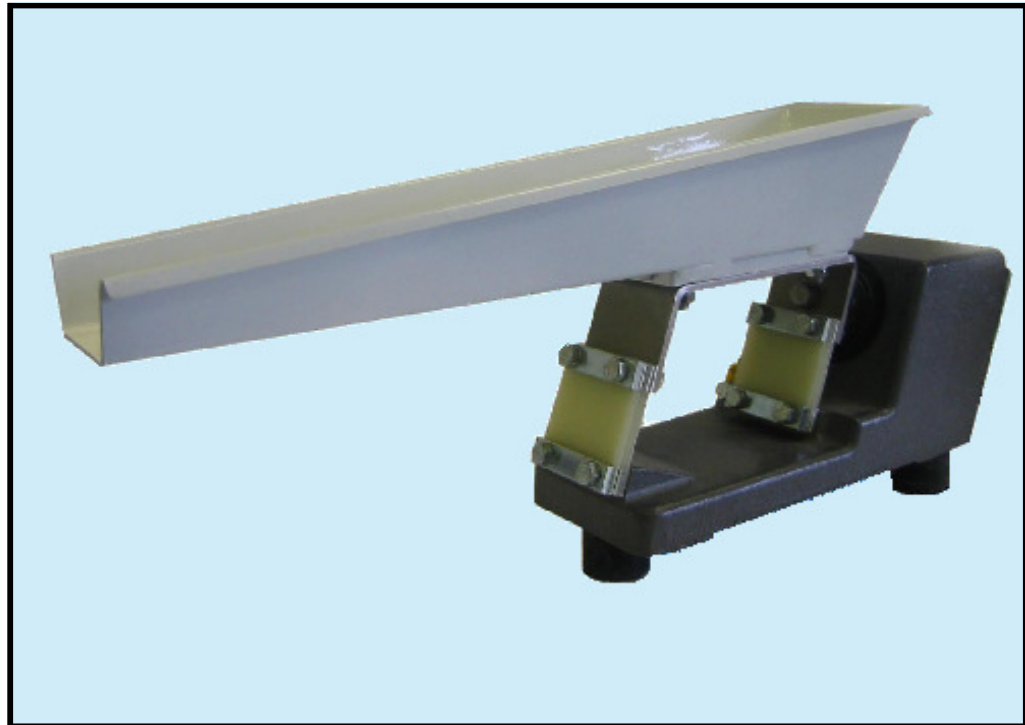
- Tailored to meet the requirements of IBC filling applications
- Robustly manufactured to suit loads up to 1000kgs
- Low construction enables use in existing filling applications
- Powered by 2 off rotary electric vibrators
- Controlled via 2 kW variable speed controller

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ELECTROMAGNETIC LINEAR FEEDERS

MODEL LEV / LEX

On request can be supplied with ATEX certification

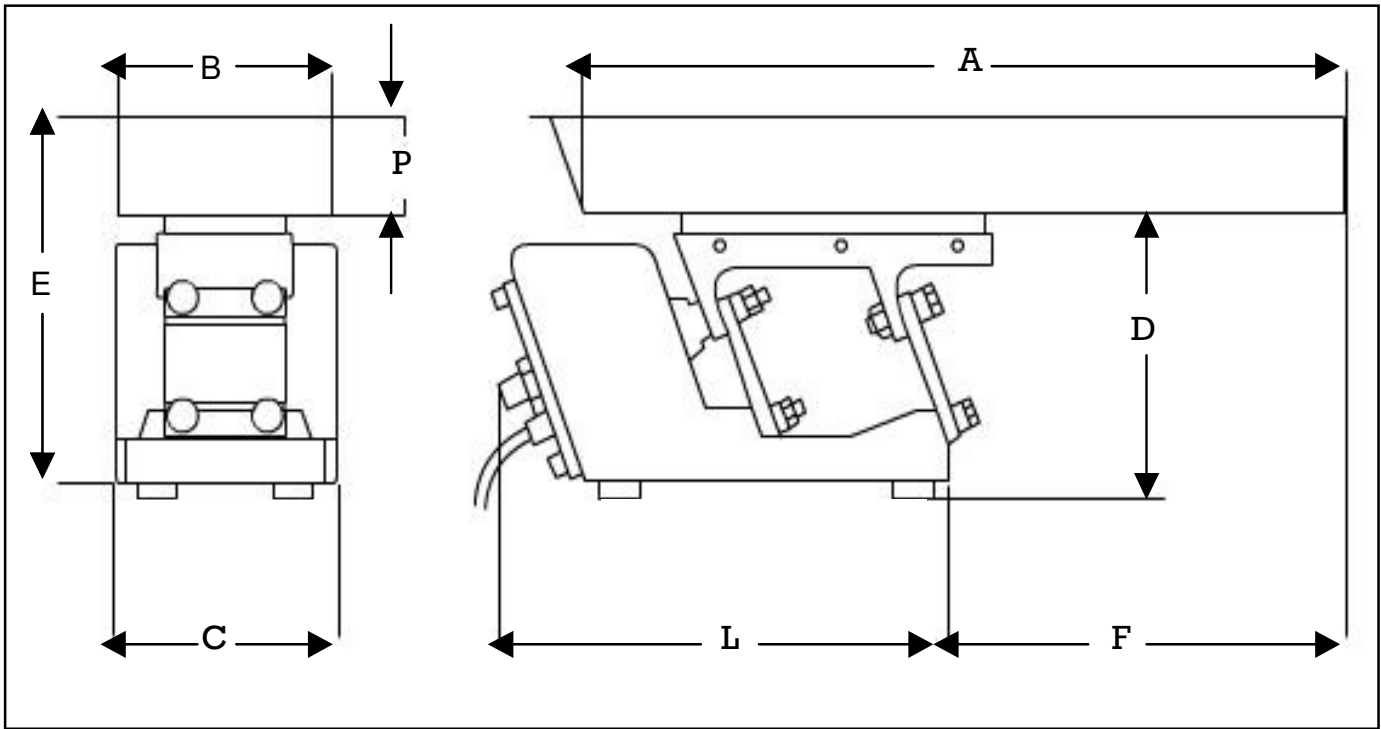
 II 2 G D / Ex e II T4 & Ex tD A21 IP67 T109° C

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STANDARD TRAY DIMENSIONS

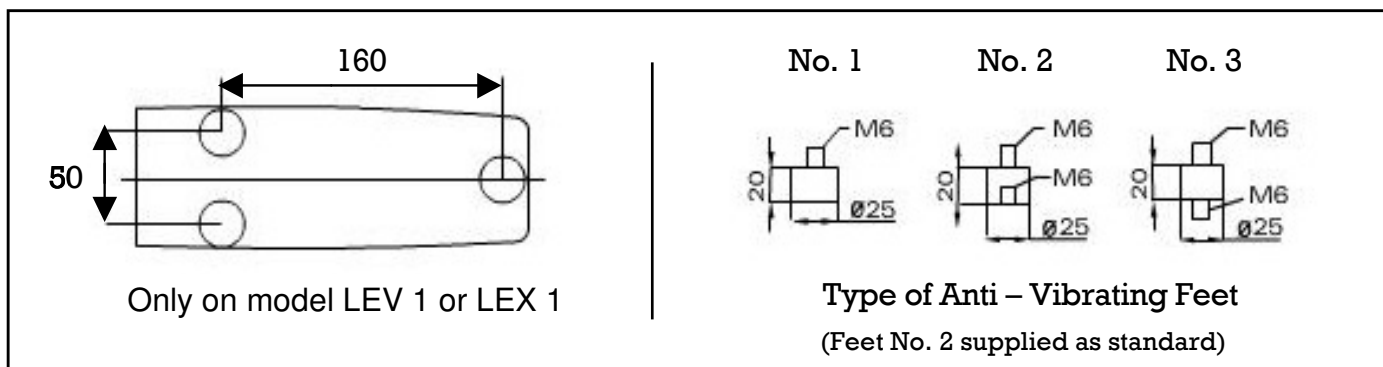
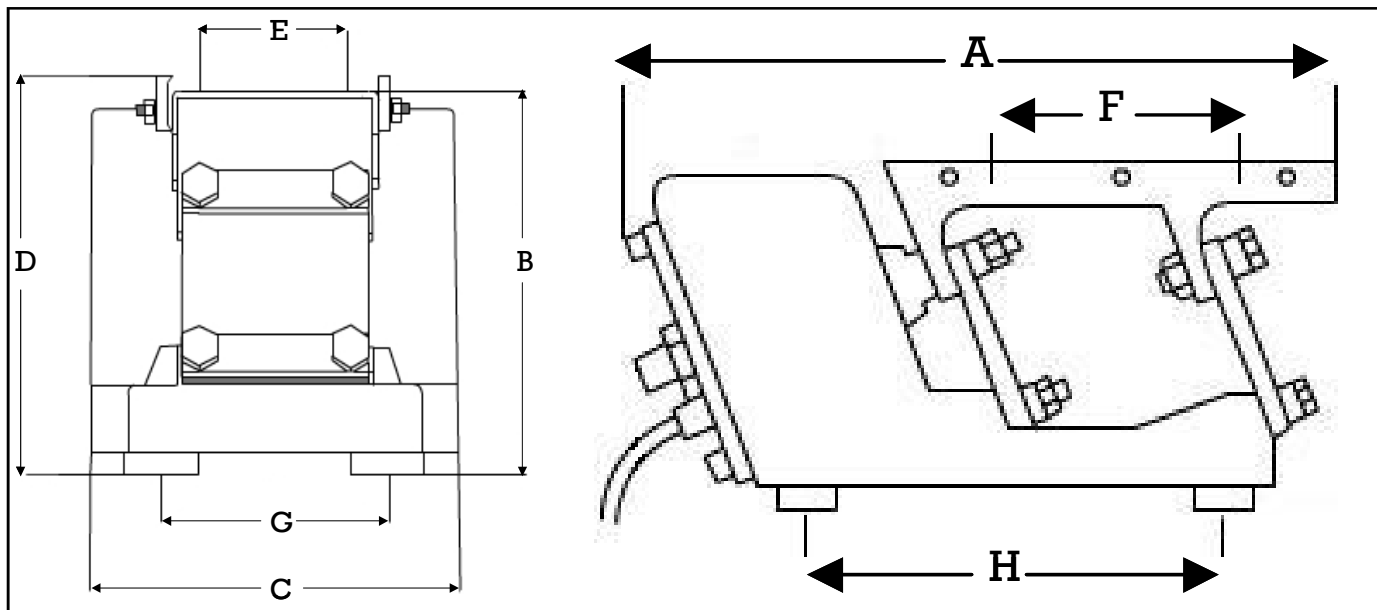


MODEL	A	B	C	D	E	F	L	P
LEV 1 LEX 1	300	80	78	116	136	117	230	40
LEV 2 LEX 2	500	130	128	150	201	310	230	60
LEV 3 LEX 3	700	150	148	174	245	460	293	80
LEV 4 LEX 4	800	200	178	185	255	550	305	80

MODEL	GREATEST LOAD OF THE TRAY (INDICATED)	CAPACITY (T/h)*
LEV 1 / LEX 1	1.5 KG	0.6
LEV 2 / LEX 2	3 KG	2
LEV 3 / LEX 3	7.5 KG	5
LEV 4 / LEX 4	10 KG	7

*Calculated on dry sand density 1.6 t/m³

TECHNICAL CHARACTERISTICS AND DIMENSIONS OF THE UNITS



MODEL	WEIGHT	A	B	C	D	E	F	G	H
LEV 1	4.6 KG	245	111	78	115	25	76	50	160
LEX 1									
LEV 2	13.1 KG	260	145	128	152	45	95	75	142
LEX 2								80	
LEV 3	19.1 KG	326	164	148	171	45	120	90	193
LEX 3									
LEV 4	26.2 KG	335	175	178	182	60	120	100	195
LEX 4								120	



HEAVY DUTY PNEUMATIC ROTARY VIBRATORS

MODEL AC

- Powered by a air motor
- Frequency range from 2700 to 5650rpm
- Centrifugal Force range from 3.6 kN to 120 kN
- Frequency adjustable by air pressure

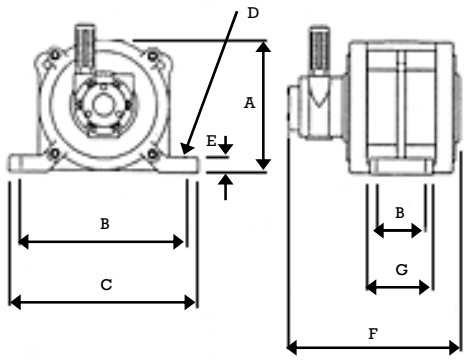
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PERFORMANCE DATA

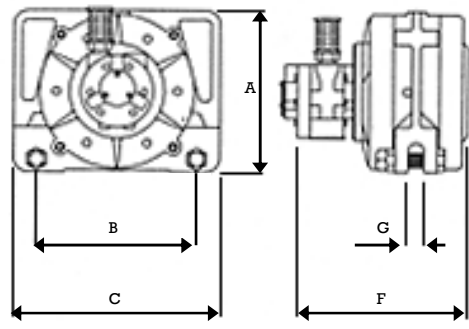
MODEL	START PSI	START BAR	40 PSI (2.8 BAR)			60 PSI (4.1 BAR)			80 PSI (5.5 BAR)			MAXIMUM WEIGHT OF MATERIAL IN SLOPED PORTION (Kgs)
			SPEED	FLOW	FORCE	SPEED	FLOW	FORCE	SPEED	FLOW	FORCE	
			RPM	LPS	KN	RPM	LPS	KN	RPM	LPS	KN	
C3/6A-4AC	8	0.55	4400	19	3.6	5150	26	5.0	5650	35	6.0	6170
	8	0.55	4310	19	4.7	4980	25	6.3	5500	34	7.6	7800
	8	0.55	4220	18	5.6	4820	25	7.3	5350	34	9.0	9810
	8	0.55	4130	18	6.5	4650	25	8.2	5200	34	10.3	10400
	10	0.69	4050	17	8.3	4540	24	10.4	5170	33	13.5	13800
	13	0.90	3980	17	10.0	4440	24	12.5	5130	33	16.6	17000
	18	1.24	3900	16	11.5	4330	24	14.2	5100	33	19.7	20100
D4.5-6-4AC	18	1.24	3950	16	11.8	4250	24	13.7	4500	31	15.3	15600
CC4.5-6-4AC	18	1.24	3950	16	11.8	4250	24	13.7	4500	31	15.3	15600
D4.5-8-4AC	18	1.24	3600	14	13.1	3900	22	15.4	4300	30	18.7	19100
CC4.5-8-4AC	18	1.24	3600	14	13.1	3900	22	15.4	4300	30	18.7	19100
D4.5-10-4AC	18	1.24	3350	15	14.2	3700	22	17.3	3900	29	19.2	19600
CC4.5-10-4AC	18	1.24	3350	15	14.2	3700	22	17.3	3900	29	19.2	19600
D7-12-6AC	15	1.04	4000	26	24.2	5250	40	41.8	OPERATION NOT RECOMMENDED AT PRESSURES ABOVE 60 PSI			42600
CC7-12-6AC	15	1.04	4000	26	24.2	5250	40	41.8				42600
D7-18-6AC	15	1.24	3550	25	28.6	4650	39	49.2	5400	54	66.3	67600
CC7-18-6AC	15	1.24	3550	25	28.6	4650	39	49.2	5400	54	66.3	67600
D7-25-6AC	20	1.38	3300	24	34.4	4400	38	61.2	5050	51	80.6	82100
CC7-25-8HC	20	1.38	3300	24	34.4	4400	38	61.2	5050	51	80.6	82100
D7-50-8HC	25	1.73	2700	22	46.0	3750	32	88.8	4350	44	120	121900
CC7-50-8HC	25	1.73	2700	22	46.0	3750	32	88.8	4350	44	120	121900

DIMENSIONS

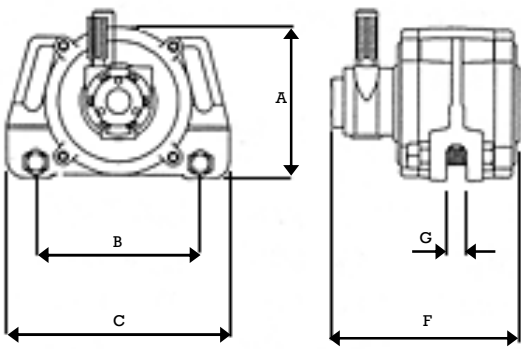
MODEL	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Air Motor Port sizes	Weight Kgs
C3	208	203	282	23	23	244	76	1/2-14	20
D4.5	213	254 x 64	307	17	25	343	104	1/2-14	24
CC4.5	218	234	320	-	-	270	28	1/2-14	28
D7	292	406 x 51	457	20	36	343	152	3/4-14	47
CC7	292	292	376	-	-	343	28	3/4-14	44



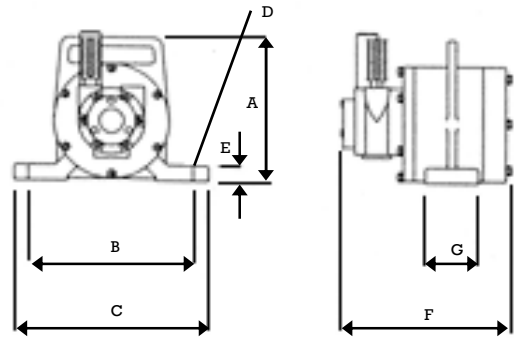
D4.5



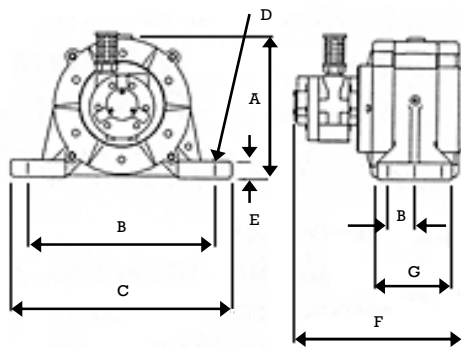
CC7



CC4.5



C3



D7



HYDRAULIC ROTARY VIBRATORS

MODEL HC

- Powered by a hydraulic motor
- Frequency range from 3000 to 5000rpm
- Centrifugal Force range from 1.7 kN to 158 kN
- Frequency adjustable by hydraulic pressure

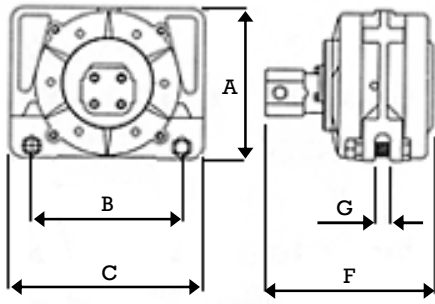
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PERFORMANCE DATA

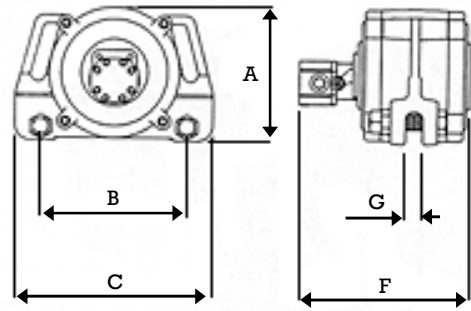
MODEL	START PSI	START BAR	SPEED RPM	FLOW LPM	FORCE KN	SPEED RPM	FLOW LPM	FORCE KN	SPEED RPM	FLOW LPM	FORCE KN	MAXIMUM WEIGHT OF MATERIAL IN SLOPED PORTION (Kgs)
C3-6A-2HC	80	5.5	3000	6.3	1.7	4000	8.5	3.0	5000	10.6	4.7	4850
	105	7.2	3000	6.3	2.3	4000	8.5	4.0	5000	10.6	6.3	6440
	130	9.0	3000	6.3	2.8	4000	8.5	5.1	5000	10.6	7.9	8070
	155	11	3000	6.3	3.4	4000	8.5	6.1	5000	10.6	9.5	9660
	200	14	3000	6.3	4.5	4000	8.5	8.1	5000	10.6	12.6	12900
	250	17	3000	6.3	5.7	4000	8.5	10.1	5000	10.6	15.8	16100
	300	21	3000	6.3	6.8	4000	8.5	12.1	5000	10.6	19.0	19300
D4.5-6-5HC	110	7.6	3000	19	6.8	4000	25	12.1	5000	32	19.0	19300
CC4.5-6-5HC	110	7.6	3000	19	6.8	4000	25	12.1	5000	32	19.0	19300
D4.5-8-5HC	140	9.7	3000	19	9.1	4000	25	16.2	5000	32	25.3	25800
CC4.5-8-5HC	140	9.7	3000	19	9.1	4000	25	16.2	5000	32	25.3	25800
D4.5-10-5HC	180	12.4	3000	19	11.4	4000	25	20.2	5000	32	31.6	32200
CC4.5-10-5HC	180	12.4	3000	19	11.4	4000	25	20.2	5000	32	31.6	32200
D7-12-8HC	120	8.3	3000	34	13.7	4000	46	24.3	5000	57	37.9	38600
CC7-12-8HC	120	8.3	3000	34	13.7	4000	46	24.3	5000	57	37.9	38600
D7-18-8HC	180	12.4	3000	34	20.5	4000	46	36.4	5000	57	56.9	58000
CC7-18-8HC	180	12.4	3000	34	20.5	4000	46	36.4	5000	57	56.9	58000
D7-25-8HC	250	17.2	3000	34	28.4	4000	46	50.6	5000	57	79.0	80500
CC7-25-8HC	250	17.2	3000	34	28.4	4000	46	50.6	5000	57	79.0	80500
D7-50-8HC	490	33.8	3000	34	56.9	4000	46	101.1	5000	57	158.0	161000
CC7-50-8HC	490	33.8	3000	34	56.9	4000	46	101.1	5000	57	158.0	161000

PERFORMANCE DATA WITH ROLLER BEARINGS

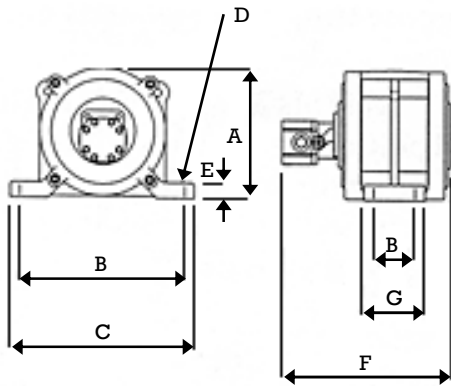
MODEL	START PSI	START BAR	SPEED RPM	FLOW LPM	FORCE KN	SPEED RPM	FLOW LPM	FORCE KN	SPEED RPM	FLOW LPM	FORCE KN	MAXIMUM WEIGHT OF MATERIAL IN SLOPED PORTION (Kgs)
D4.5-6-5HC-RB	110	7.6	6000	38	27.3	7000	45	37.2	7500	49	42.7	43500
CC4.5-6-5HC-RB	110	7.6	6000	38	27.3	7000	45	37.2	7500	49	42.7	43500
D4.5-8-5HC-RB	145	10.0	6000	38	36.4	7000	45	49.5	7500	49	56.9	58000
CC4.5-8-5HC-RB	145	10.0	6000	38	36.4	7000	45	49.5	7500	49	56.9	58000
D4.5-10-5HC-RB	175	12.1	6000	38	45.5	7000	45	61.9	7500	49	71.1	72500
CC4.5-10-5HC-RB	175	12.1	6000	38	45.5	7000	45	61.9	7500	49	71.1	72500



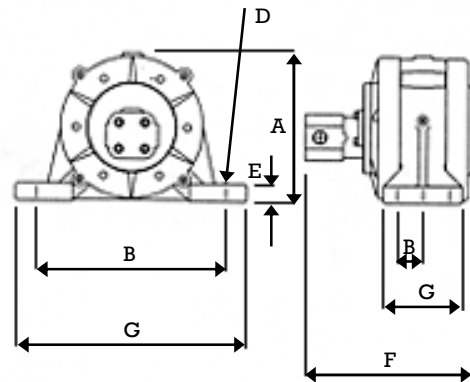
CC7



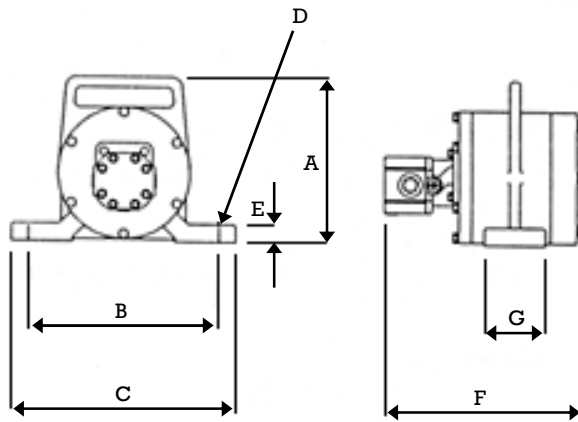
CC4.5



D4.5



D7



C3

DIMENSIONS

MODEL	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Hydraulic Motor Port Size (2 ports)	Weight Kgs
C3	208	203	282	23	23	234	76	3/4 - 16	18
D4.5	213	254 x 46	307	17	25	274	104	3/4 - 16	22
CC4.5	218	234	320	-	-	274	28	3/4 - 16	25
D7	292	406 x 51	457	20	36	330	152	3/4 - 14 NPTF	45
CC7	292	292	376	-	-	343	28	3/4 - 14 NPTF	41