



VISAM



Dal 1994 abbiamo sempre cercato di migliorare la nostra competenza in termini di prodotto, servizio e soluzioni tecniche, per assicurarci una clientela fidelizzata e soddisfatta. Continueremo su questa strada ...

Since 1994 we have been growing our product, service and technical competence, in order to gain customers' fidelity and satisfaction. This will continue...

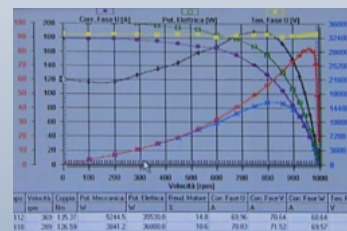
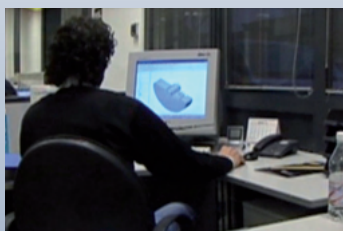


Dal 1994 VISAM si dedica alla progettazione, fabbricazione e commercializzazione di vibratori elettrici per applicazioni industriali. Fin dall'inizio il nostro obiettivo è stato proporre al mercato un prodotto adatto alle applicazioni più impegnative, che richiedono prestazioni elevate ed affidabilità. Per questo l'attenzione si è concentrata sulla qualità dei materiali e componenti utilizzati, su accuratezza e precisione dei processi di lavorazione e di finitura, nonché sui molteplici controlli, dalle materie prime fino al collaudo del prodotto finito. Grazie a tutto ciò VISAM è oggi riconosciuta tra i costruttori leader nel mercato dei vibratori elettrici, potendo vantare una presenza su tutti i maggiori mercati mondiali, grazie all'esportazione di oltre l'80% della sua produzione.

Since 1994, VISAM is dedicated to the design, manufacture and marketing of electric vibrators for industrial applications. Since the beginning our goal has been offering to the market a product suitable for the most demanding applications, that require high performance and reliability. Therefore, our attention focused on the quality of materials and components, on the accuracy and precision of processing and finishing, and on multiple controls, from raw materials to final testing of the product. Thanks to this, VISAM is today recognized among leader manufacturers of electric vibrators, with broad presence on all major world markets, thanks to exports exceeding 80% of its production.

UFFICIO TECNICO E
LABORATORIO R&S

TECHNICAL DEPT AND R&D
LABORATORY



LAVORAZIONI CON CENTRI DI
LAVORO A CN E COLLAUDO
TRIDIMENSIONALE

CNC MACHINING AND
3-DIMENSIONAL CONTROL



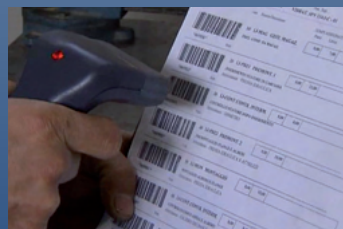
ASSEMBLAGGIO CON
PERSONALE SPECIALIZZATO E
COLLAUDO DINAMICO FINALE

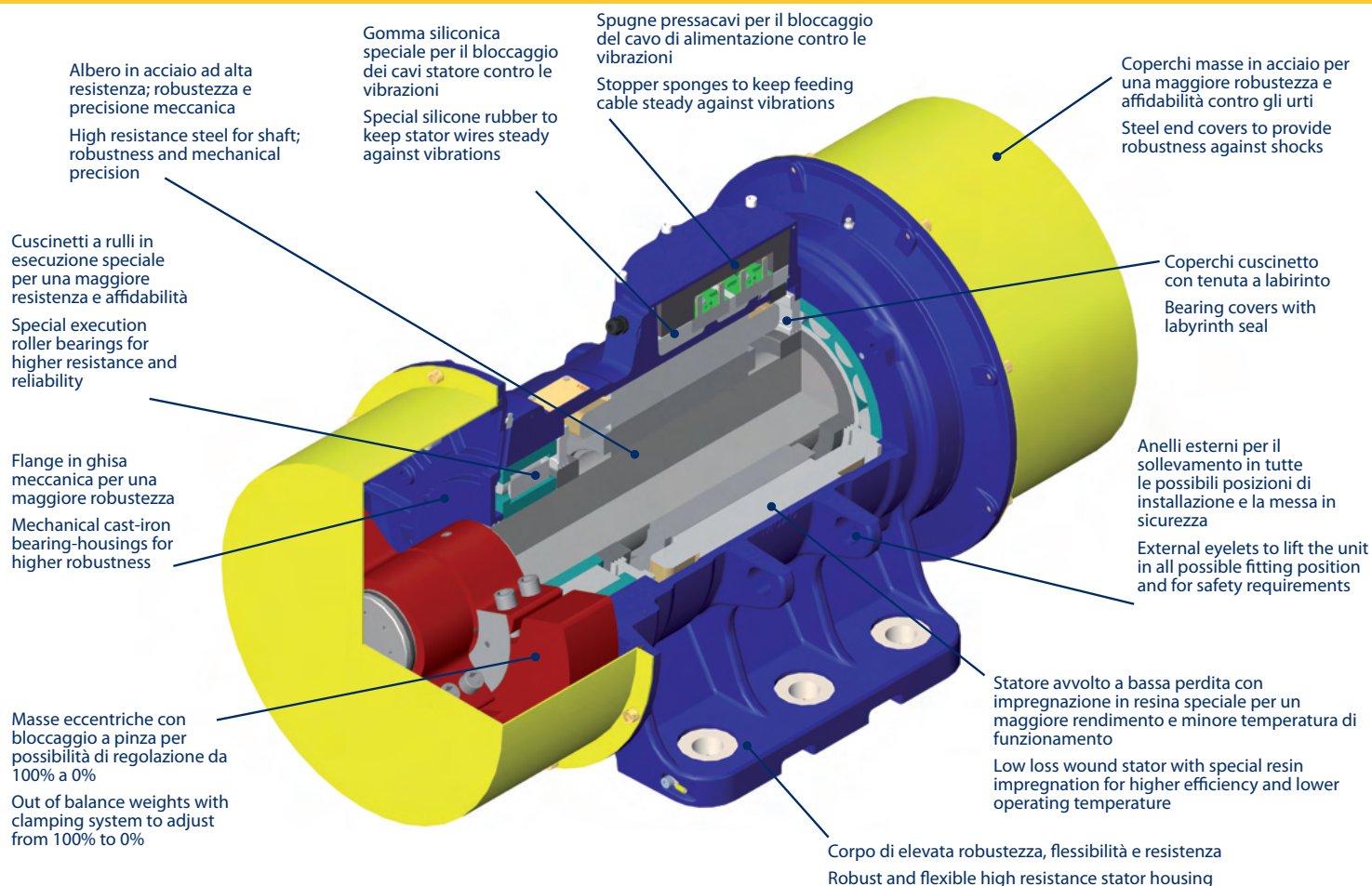
ASSEMBLY BY SKILLED
PERSONNEL AND FINAL
DYNAMIC TEST



PRODUZIONE, MAGAZZINO E
SPEDIZIONI CON GESTIONE A
CODICE A BARRE

PRODUCTION, STOCKING AND
SHIPPING HANDLED BY
BAR-CODE SYSTEM





CARATTERISTICHE GENERALI

Conformità:	Direttive Europee 2006/42/CE (Macchine) 2006/95/CE (Bassa Tensione) 94/9/CE (Atex)
Atex:	Gamma conforme a,  II 3D (zona 22) - Ex tD A22 IP66 T135°C Possibilità, su richiesta,  II 2D (zona 21) - Ex tD A21 IP66 T135°C
Alimentazione:	Trifase da 42 a 700 V a 50 e 60 Hz Monofase da 110 a 240 V a 50 e 60 Hz Idonei per un funzionamento mediante "inverter"
Esecuzioni:	2, 4, 6, 8, 10, 12 poli e speciali
Forza Centrifuga:	Da 50 a 25.000 Kg Regolazione da 100% a 0% in modo continuo (fornitura standard: regolazione all'80%)
Servizio:	Continuativo alla massima Forza Centrifuga (S1)
Protezione Meccanica:	IP 66.7 (EN60529)
Classe Isolamento:	F standard • H a richiesta
Tropicalizzazione:	Standard
Lubrificazione:	A Vita fino alla grandezza 4 Long Life dalla grandezza 4.1 a crescere
Temperatura Ambiente di Lavoro:	Da -20° a +40° C
Protezione Termica:	Standard (termistore 130° C) dalla grandezza 10 A richiesta sino alla grandezza 9
Posizione di Installazione:	Tutte le posizioni
Finitura:	Verniciatura a polvere blu RAL 5010 / giallo RAL 1003
Collaudo:	Tutte le unità sono sottoposte ad un test dinamico di funzionamento (complete di masse)

GENERAL FEATURES

Conformity:	European Directives 2006/42/CE (Machine) 2006/95/CE (Low Voltage) 94/9/CE (Atex)
Atex:	Range suitable for,  II 3D (zone 22) - Ex tD A22 IP66 T135°C Availability, on request,  II 2D (zone 21) - Ex tD A21 IP66 T135°C
Feeding:	Three-phase from 42 up to 700 V at 50 and 60 Hz Single-phase from 110 up to 240 V at 50 and 60 Hz Perfect performance under inverter control (VFD)
Executions:	2, 4, 6, 8, 10, 12 poles & specials
Centrifugal Force:	From 50 up to 25.000 Kg Continuous adjusting from 100% a 0% (standard supply: setting at 80%)
Duty:	Heavy and continuous at maximum Centrifugal Force (S1)
Mechanical Protection:	IP 66.7 (EN60529)
Insulation Class:	F standard • H on request
Tropicalization:	Standard
Lubrication:	For Life up to size 4 Long Life from size 4.1 upwards
Ambient Temperature Range:	From -20° up to +40° C
Thermal Protection:	Standard (thermistor 130° C) from size 10 Up to size 9 on request
Mounting Configuration:	Any position
Finish:	Powder coated blue RAL 5010 / yellow RAL 1003
Testing:	All units undergo a dynamic test-run (with unbalanced weights) before leaving the factory

SPV / SPX

serie
series2 poli
poles3000_{rpm} 50_{Hz}

MONOFASE • SINGLE-PHASE

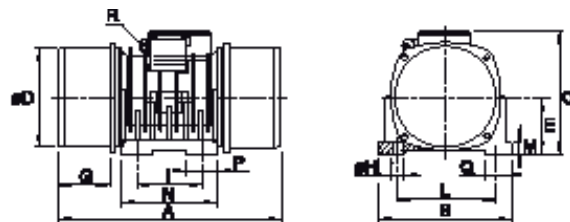
Alimentazione Standard • Standard Supply

220-240 V (...AM)*

110-120 V (...AN)*

Altre a richiesta • Other on request

Fig. 1 • Fig. 1



DATI GENERALI GENERAL DATA			DATI MECCANICI MECHANICAL DATA			DATI ELETTRICI ELECTRICAL DATA				DATI DIMENSIONALI OVERALL DIMENSIONS						DATI FISSAGGIO FIXING DATA														
Modello Model	Codice Code	Gr. Sz.	SM _v	CF _v	W _v	Pot. Assorbita Input Power	Corrente Nom. Nom. Current		Rapporto Ratio	Fig./Fig.	A	B	C	D	E	G	Nr.	H	I	L	M	N	P	Q	R pressacavo cable gland					
			(kg*mm)	(kg)	(kg)						(kW)	(A)	Is/In	(mm)						(mm)										
SPV 0.7 AM	SPV010M00B01AM	01.0	7,5	75	4,2	0,11	-	0,5	2,0	1	195	128	121	79	45	44	4	9	62	95-106	9	100	40	32	M16x1,5					
SPV 1.2 AM	SPV020M01B02AM	02.0	13	130	4,8	0,17	-	0,8	2,0	1	215	152	143	106	62	50	4	9	62-74	106	12	100	35	40	M16x1,5					
SPV 1.8 AM	SPV021M01B02AM	02.1	22	220	5,2	0,18	-	0,8	2,0	1	215	152	143	106	62	50	4	9	62-74	106	12	100	35	40	M16x1,5					
SPV 2.7 AM	SPV030M03B03AM	03.0	33	330	9,0	0,30	-	1,4	3,0	1	262	160	175	126	72	56	4	13	90	125	15	145	55	50	M16x1,5					
SPV 4.5 AM	SPV040M01B04AM	04.0	50	500	15,5	0,50	-	2,5	3,0	1	292	194	204	148	86	44	4	13	100	155	18	180	50	45	M20x1,5					
SPV 7.0 AM	SPV050M01B05AM	05.0	80	800	20,5	0,65	-	3,5	4,0	1	336	220	213	168	96	54	4	17	115	170	20	200	65	50	M20x1,5					
SPV 9.0 AM	SPV060M05B06AM	06.0	100	1.000	27,0	0,85	-	4,0	4,0	1	366	225	233	187	105	62	4	17	120	180	20	210	70	50	M20x1,5					
SPV 12.0 AM	SPV061M04B06AM	06.1	130	1.350	28,0	0,95	-	4,6	4,0	1	366	225	233	187	105	62	4	17	120	180	20	210	70	50	M20x1,5					

SPV / SPX

serie
series2 poli
poles3600_{rpm} 60_{Hz}

MONOFASE • SINGLE-PHASE

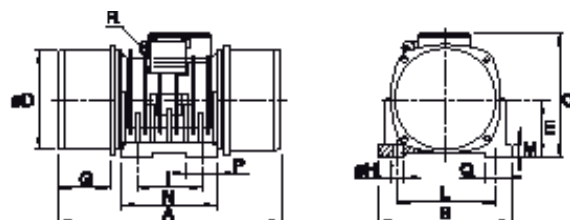
Alimentazione Standard • Standard Supply

110-120 V (...BN)*

220-240 V (...BM)*

Altre a richiesta • Other on request

Fig. 1 • Fig. 1



DATI GENERALI GENERAL DATA			DATI MECCANICI MECHANICAL DATA			DATI ELETTRICI ELECTRICAL DATA				DATI DIMENSIONALI OVERALL DIMENSIONS						DATI FISSAGGIO FIXING DATA									
Modello Model	Codice Code	Gr. Sz.	SM _v Mom. Statico Static Mom.	CF _v Forza Centr. Centrif. Force	W _v Peso Weight	Pot. Assorbita Input Power	Corrente Nom. Nom. Current		Rapporto Ratio	Fig./Fig.	A	B	C	D	E	G	Nr.	H	I	L	M	N	P	Q	R pressacavo cable gland
			(kg*mm)	(kg)	(kg)		(kW)	(A)			Is/In	(mm)						(mm)							
SPV 0.7 AM	SPV010M00B01BN	01.0	5,5	80	4,0	0,12	-	1,0	2,5	1	195	128	121	79	45	44	4	9	62	95-106	9	100	40	32	M16x1,5
SPV 1.2 AM	SPV020M01B02BN	02.0	10	145	4,6	0,18	-	1,6	2,5	1	215	152	143	106	62	50	4	9	62-74	106	12	100	35	40	M16x1,5
SPV 1.8 AM	SPV021M01B02BN	02.1	16	230	5,0	0,19	-	1,7	2,5	1	215	152	143	106	62	50	4	9	62-74	106	12	100	35	40	M16x1,5
SPV 2.7 AM	SPV030M03B03BN	03.0	22	320	8,5	0,33	-	3,0	3,5	1	262	160	175	126	72	56	4	13	90	125	15	145	55	50	M16x1,5
SPV 4.5 AM	SPV040M01B04BN	04.0	40	580	15,0	0,70	-	7,0	3,5	1	292	194	204	148	86	44	4	13	100	155	18	180	50	45	M20x1,5
SPV 7.0 AM	SPV050M01B05BN	05.0	60	870	20,0	0,80	-	7,7	4,0	1	336	220	213	168	96	54	4	17	115	170	20	200	65	50	M20x1,5
SPV 9.0 AM	SPV060M05B06BN	06.0	65	965	25,0	0,95	-	8,5	4,0	1	366	225	233	187	105	62	4	17	120	180	20	210	70	50	M20x1,5
SPV 12.0 AM	SPV061M04B06BN	06.1	80	1.200	27,5	1,10	-	9,8	4,0	1	366	225	233	187	105	62	4	17	120	180	20	210	70	50	M20x1,5

* vedi codice in tabella • see code on table

TRIFASE • THREE-PHASE

Alimentazione Standard • Standard Supply

Δ 220-240 / Y 380-415 V (...AA)*

Δ 290-305 / Y 500-525 V (...AG)*

Altre a richiesta • Other on request

Fig. 1 • Fig. 1

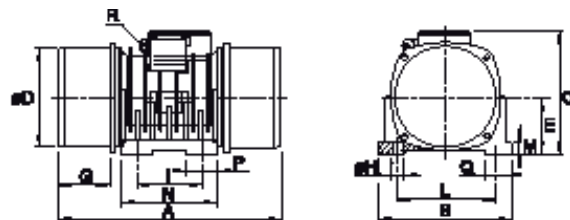
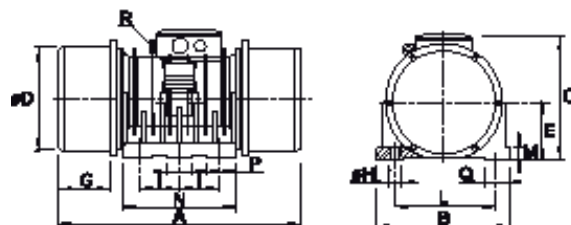


Fig. 2 • Fig. 2



DATI GENERALI GENERAL DATA			DATI MECCANICI MECHANICAL DATA			DATI ELETTRICI ELECTRICAL DATA				DATI DIMENSIONALI OVERALL DIMENSIONS						DATI FISSAGGIO FIXING DATA									
Modello Model	Codice Code	Gr. Sz.	SM _v	CF _v	W _v	Pot. Assorbita Input Power	Corrente Nom. Nom. Current	Rapporto Ratio	Fig./Fig.	A	B	C	D	E	G	Nr.	H	I	L	M	N	P	Q	R pressacavo cable gland **	
			Mom. Statico Static Mom. (kg*mm)	Forza Centr. Centrif. Force (kg)	Peso Weight (kg)	(kW)	Δ (A)	Y (A)		Is/In	(mm)						(mm)								
SPV 0.7 A	SPV010A00B01AA	01.0	7,5	75	4,2	0,14	0,5	0,3	3,0	1	195	128	121	79	45	44	4	9	62	95-106	9	100	40	32	M16x1,5
SPV 1.2 A	SPV020A00B02AA	02.0	13	130	4,8	0,18	0,6	0,4	4,5	1	215	152	143	106	62	50	4	9	62-74	106	12	100	35	40	M16x1,5
SPV 1.8 A	SPV021A00B02AA	02.1	22	220	5,2	0,19	0,7	0,4	4,5	1	215	152	143	106	62	50	4	9	62-74	106	12	100	35	40	M16x1,5
SPV 2.7 A	SPV030A01B03AA	03.0	33	330	9,0	0,28	1,0	0,6	3,5	1	262	160	175	126	72	56	4	13	90	125	15	145	55	50	M16x1,5
SPV 4.5 A	SPV040A00B04AA	04.0	50	500	15,5	0,51	1,7	1,0	4,0	1	292	194	204	148	86	44	4	13	100	155	18	180	50	45	M20x1,5
SPV 7.0 A	SPV050A00B05AA	05.0	80	800	20,5	0,75	2,3	1,3	5,0	1	336	220	213	168	96	54	4	17	115	170	20	200	65	50	M20x1,5
SPV 9.0 A	SPV060A02B06AA	06.0	100	1.000	27,0	1,10	3,2	1,8	5,0	1	366	225	233	187	105	62	4	17	120	180	20	210	70	50	M20x1,5
SPV 12.0 A	SPV061A03B06AA	06.1	130	1.350	28,0	1,30	3,7	2,1	5,0	1	366	225	233	187	105	62	4	17	120	180	20	210	70	50	M20x1,5
SPV 15.0 A	SPV070A02B07AA	07.0	165	1.660	33,5	1,50	4,5	2,6	6,0	1	403	250	246	200	112	75	4	17	150	190	22	220	60	60	M20x1,5
SPX-50 19.0 A	SPX080A00B08AA	08.0	200	2.000	46,0	1,90	5,0	2,8	6,0	1	410	280	258	212	117	74	4	17	160	200	30	260	95	80	M20x1,5
SPX-50 25.0 A	SPX090A00B09AA	09.0	270	2.700	61,0	2,20	6,2	3,6	6,0	1	512	300	280	237	131	105	4	22	165	230	35	300	115	80	M20x1,5
SPV 32.0 A	SPV100A01B10AA	10.0	415	4.200	104,5	3,50	10,0	5,8	5,5	1	568	326	336	270	150	104	4	25	165	270	40	300	100	70	M25x1,5 + M16x1,5 (TH)**
SPV 50.0 A	SPV110A01B11AA	11.0	560	5.630	143,0	5,00	14,0	8,0	6,0	1	609	355	362	308	166	110	4	29	210	295	40	330	100	70	M25x1,5 + M16x1,5 (TH)**
SPV 60.0 A	SPV120A00B12AA	12.0	660	6.640	182,5	7,00	20,0	11,5	6,0	2	656	390	392	345	193	121	6	29	110	310	41	350	110	90	M25x1,5 + M16x1,5 (TH)**
SPV 70.0 A	SPV130A01B13AA	13.0	750	7.600	210,0	8,00	22,5	13,0	6,0	2	686	390	414	345	192	121	6	29	115	320	45	370	115	75	M25x1,5 + M16x1,5 (TH)**
SPV 85.0 A	SPV132A01B13AA	13.2	950	9.550	216,0	9,00	25,0	14,5	6,0	2	672	390	414	345	192	121	6	29	115	320	45	370	115	75	M25x1,5 + M16x1,5 (TH)**

* vedi codice in tabella • see code on table

** TH = pressa cavo per collegamento termistore • TH = cable gland for thermistor connection

TRIFASE • THREE-PHASE

Alimentazione Standard • Standard Supply

Δ 220-240 / Y 380-415 V (...AA)*

Δ 290-305 / Y 500-525 V (...AG)*

Altre a richiesta • Other on request

Fig. 1 • Fig. 1

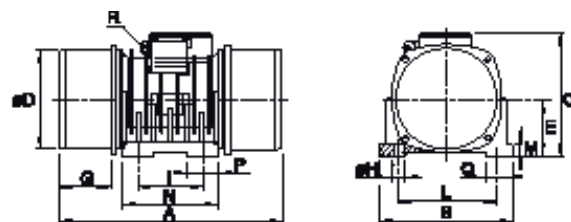
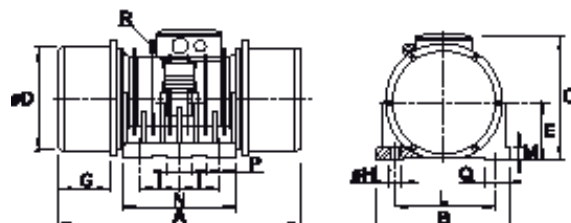


Fig. 2 • Fig. 2



DATI GENERALI GENERAL DATA			DATI MECCANICI MECHANICAL DATA			DATI ELETTRICI ELECTRICAL DATA				DATI DIMENSIONALI OVERALL DIMENSIONS						DATI FISSAGGIO FIXING DATA									
Modello Model	Codice Code	Gr. Sz.	SMv	CFv	Wv	Pot. Assorbita	Corrente Nom.		Rapporto	Fig./Fig.	A	B	C	D	E	G	Nr.	H	I	L	M	N	P	Q	R pressacavo cable gland **
			Mom. Statico Static Mom. (kg*mm)	Forza Centr. Centrif. Force (kg)	Peso Weight (kg)	(kW)	Δ (A)	Y (A)	Is/In																
SPV 0.5 B	SPV020B00B02AA	02.0	22	55	5,5	0,09	0,5	0,3	4,5	1	215	152	143	106	62	50	4	9	62-74	106	12	100	35	40	M16x1,5
SPV 0.8 B	SPV021B00B02AA	02.1	35	90	5,8	0,10	0,5	0,3	4,5	1	235	152	143	106	62	60	4	9	62-74	106	12	100	35	40	M16x1,5
SPV 2.2 B	SPV030B01B03AA	03.0	105	265	12,5	0,20	0,8	0,5	3,0	1	332	160	175	126	72	91	4	13	90	125	15	145	55	50	M16x1,5
SPV 3.8 B	SPV040B02B04AA	04.0	180	450	20,5	0,40	1,3	0,7	3,0	1	370	194	204	148	86	83	4	13	100	155	18	180	50	45	M20x1,5
SPV 5.1 B	SPV041B02B04AA	04.1	240	600	23,5	0,45	1,5	0,9	3,0	1	406	194	204	148	86	101	4	13	100	155	18	180	50	45	M20x1,5
SPV 6.7 B	SPV050B02B05AA	05.0	300	750	27,0	0,55	1,7	1,0	4,0	1	390	220	213	168	96	81	4	17	115	170	20	200	65	50	M20x1,5
SPV 10.0 B	SPV060B03B06AA	06.0	455	1.140	36,0	0,95	3,0	1,8	5,0	1	428	225	233	187	105	93	4	17	120	180	20	210	70	50	M20x1,5
SPV 15.0 B	SPV070B03B07AA	07.0	680	1.700	46,0	1,10	3,5	2,0	4,0	1	461	250	246	200	112	104	4	17	150	190	22	220	60	60	M20x1,5
SPX-50 20.0 B	SPX080B00B08AA	08.0	825	2.100	56,0	1,30	4,0	2,3	3,5	1	486	280	258	212	117	112	4	17	160	200	30	260	95	80	M20x1,5
SPX-50 25.5 B	SPX090B00B09AA	09.0	1.100	2.770	70,0	1,75	5,0	3,0	5,0	1	512	300	280	237	131	105	4	22	165	230	35	300	115	80	M20x1,5
SPX-50 30.0 B	SPX091B00B09AA	09.1	1.250	3.150	80,0	2,00	6,0	3,8	5,0	1	584	300	280	237	131	141	4	22	165	230	35	300	115	80	M20x1,5
SPV 35.0 B	SPV100B01B10AA	10.0	1.580	4.000	122,0	2,40	8,7	5,0	5,5	1	568	326	336	270	150	104	4	25	165	270	40	300	100	70	M25x1,5 + M16X1,5(TH)
SPV 47.5 B	SPV110B01B11AA	11.0	2.100	5.300	165,5	3,50	10,5	6,0	4,0	1	609	355	362	308	166	110	4	29	210	295	40	330	100	70	M25x1,5 + M16X1,5(TH)
SPV 55.0 B	SPV120B01B12AA	12.0	2.300	5.800	201,5	4,50	13,0	7,5	4,0	2	656	390	392	345	193	121	6	29	110	310	41	350	110	90	M25x1,5 + M16X1,5(TH)
SPV 63.0 B	SPV130B01B13AA	13.0	2.800	7.050	233,0	6,00	19,0	11,0	5,0	2	686	390	414	345	192	121	6	29	115	320	45	370	115	75	M25x1,5 + M16X1,5(TH)
SPV 77.0 B	SPV132B03B13AA	13.2	3.380	8.500	248,0	7,10	20,5	12,0	4,5	2	672	390	414	345	192	121	6	29	115	320	45	370	115	75	M25x1,5 + M16X1,5(TH)
SPV 83.0 B	SPV140B01B14AA	14.0	3.800	9.500	314,0	7,80	21,5	12,5	4,5	2	731	456	456	410	225	118	6	32	130	380	50	400	130	100	M25x1,5 + M16X1,5(TH)
SPV 105.0 B	SPV141B02B14AA	14.1	4.850	12.200	345,0	10,50	30,5	17,5	5,0	2	737	456	456	410	225	118	6	32	130	380	50	400	130	100	M25x1,5 + M16X1,5(TH)

* vedi codice in tabella • see code on table

** TH = pressa cavo per collegamento termistore • TH = cable gland for thermistor connection

TRIFASE • THREE-PHASE

Alimentazione Standard • Standard Supply

Δ 220-240 / Y 380-415 V (...AA)*

Δ 380-405 / Y 660-700 V (...AZ)*

Δ 290-305 / Y 500-525 V (...AG)*

Altre a richiesta • Other on request

Fig. 1 • Fig. 1

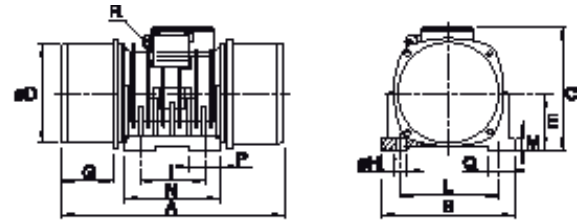


Fig. 2 • Fig. 2

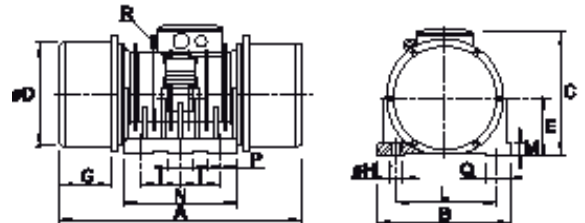
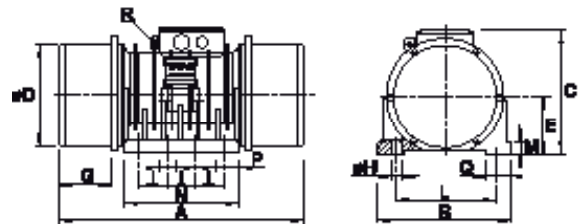


Fig. 3 • Fig. 3



DATI GENERALI GENERAL DATA			DATI MECCANICI MECHANICAL DATA			DATI ELETTRICI ELECTRICAL DATA				DATI DIMENSIONALI OVERALL DIMENSIONS						DATI FISSAGGIO FIXING DATA									
Modello Model	Codice Code	Gr. Sz.	SMv	CFv	Wv	Pot. Assorbita	Corrente Nom.		Rapporto	Fig./Fig.	A	B	C	D	E	G	Nr.	H	I	L	M	N	P	Q	R pressacavo cable gland **
			Mom. Statico Static Mom. (kg*mm)	Forza Centr. Centrif. Force (kg)	Peso Weight (kg)	(kW)	Δ (A)	Y (A)	Is/In																
SPV 1.1 C	SPV030C02B03AA	03.0	105	120	12,5	0,24	1,2	0,7	3,5	1	332	160	175	126	72	91	4	13	90	125	15	145	55	50	M16x1,5
SPV 1.7 C	SPV040C02B04AA	04.0	180	200	20,5	0,30	1,3	0,7	3,0	1	370	194	204	148	86	83	4	13	100	155	18	180	50	45	M20x1,5
SPV 2.2 C	SPV041C02B04AA	04.1	240	270	23,0	0,35	1,5	0,9	3,0	1	406	194	204	148	86	101	4	13	100	155	18	180	50	45	M20x1,5
SPV 3.8 C	SPV050C02B05AA	05.0	400	450	30,0	0,45	2,3	1,3	3,5	1	428	220	213	168	96	100	4	17	115	170	20	200	65	50	M20x1,5
SPV 5.0 C	SPV060C04B06AA	06.0	520	580	37,0	0,80	3,0	1,7	4,0	1	452	225	233	187	105	105	4	17	120	180	20	210	70	50	M20x1,5
SPV 8.0 C	SPV070C03B07AA	07.0	860	960	50,0	0,90	3,2	1,9	3,5	1	495	250	246	200	112	121	4	17	150	190	22	220	60	60	M20x1,5
SPX-50 12.0 C	SPX080C00B08AA	08.0	1.110	1.250	62,5	1,00	3,6	2,1	3,5	1	548	280	258	212	117	143	4	17	160	200	30	260	95	80	M20x1,5
SPX-50 17.0 C	SPX090C01B09AA	09.0	1.650	1.850	82,0	1,40	4,6	2,7	4,0	1	584	300	280	237	131	141	4	22	165	230	35	300	115	80	M20x1,5
SPX-50 22.0 C	SPX091C00B09AA	09.1	2.100	2.350	100,0	1,60	5,3	3,0	4,0	1	624	300	280	237	131	181	4	22	165	230	35	300	115	80	M20x1,5
SPV 27.0 C	SPV100C01B10AA	10.0	2.560	2.860	144,0	2,40	9,0	5,2	5,0	1	662	326	336	270	150	151	4	25	165	270	40	300	100	70	M25x1,5 + M16X1,5(TH)
SPV 35.5 C	SPV110C02B11AA	11.0	3.560	4.000	186,5	2,70	10,5	6,0	5,0	1	693	355	362	308	166	152	4	29	210	295	40	330	100	70	M25x1,5 + M16X1,5(TH)
SPV 41.5 C	SPV111C01B11AA	11.1	4.300	4.800	200,0	3,30	12,0	7,0	5,0	1	693	355	362	308	166	152	4	29	210	295	40	330	100	70	M25x1,5 + M16X1,5(TH)
SPV 50.0 C	SPV120C01B12AA	12.0	5.100	5.700	241,5	4,20	13,0	7,5	5,0	2	740	390	392	345	193	163	6	29	110	310	41	350	110	90	M25x1,5 + M16X1,5(TH)
SPV 61.0 C	SPV130C01B13AA	13.0	6.050	6.800	280,0	5,30	16,5	9,5	5,0	2	770	390	414	345	192	163	6	29	115	320	45	370	115	75	M25x1,5 + M16X1,5(TH)
SPV 80.0 C	SPV132C04B13AA	13.2	7.900	8.800	308,0	7,00	21,0	12,0	5,5	2	838	390	414	345	192	203	6	29	115	320	45	370	115	75	M25x1,5 + M16X1,5(TH)
SPV 90.5 C	SPV140C01B14AA	14.0	9.100	10.200	380,0	8,00	26,0	15,0	5,0	2	901	456	456	410	225	203	6	32	130	380	50	400	130	100	M25x1,5 + M16X1,5(TH)
SPV 114.0 C	SPV141C02B14AA	14.1	11.350	12.700	420,0	9,80	28,0	16,0	5,5	2	907	456	456	410	225	203	6	32	130	380	50	400	130	100	M25x1,5 + M16X1,5(TH)
SPV 122.0 C	SPV142C02B14AA	14.2	12.150	13.600	435,0	10,20	30,0	17,0	5,5	2	907	456	456	410	225	203	6	32	130	380	50	400	130	100	M25x1,5 + M16X1,5(TH)
SPV 140.0 C	SPV150C04B15AZ	15.0	14.000	15.650	543,0	11,50	21,0	12,0	5,5	2	964	520	504	451	255	218	6	38	155	400	40	470	150	145	M32x1,5 + M16X1,5(TH)
SPV 160.0 C	SPV151C07B15AZ	15.1	15.700	17.550	610,0	13,80	24,0	13,8	6,0	2	1.018	520	504	451	255	218	6	38	155	400	40	470	150	145	M32x1,5 + M16X1,5(TH)
SPV 220.0 C	SPV171C00B17AZ	17.1	20.400	22.800	890,0	19,00	31,0	18,0	6,0	3	1.130	620	595	550	310	235	8	45	140	520	50	530	100	120	M40x1,5 + M20X1,5(TH)

* vedi codice in tabella • see code on table

** TH = pressa cavo per collegamento termistore • TH = cable gland for thermistor connection

TRIFASE • THREE-PHASE

Alimentazione Standard • Standard Supply

Δ 220-240 / Y 380-415 V (...AA)*

Δ 380-405 / Y 660-700 V (...AZ)*

Δ 290-305 / Y 500-525 V (...AG)*

Altre a richiesta • Other on request

Fig. 1 • Fig. 1

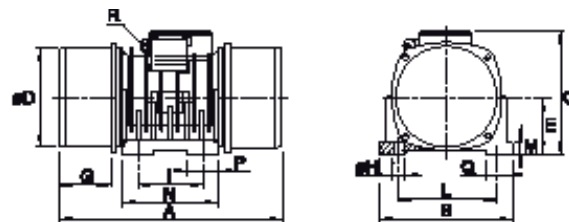


Fig. 2 • Fig. 2

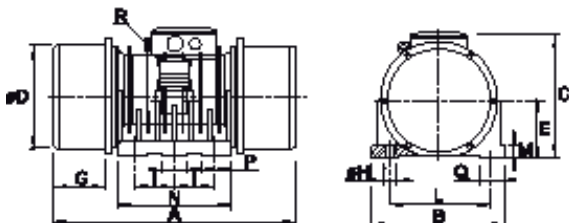
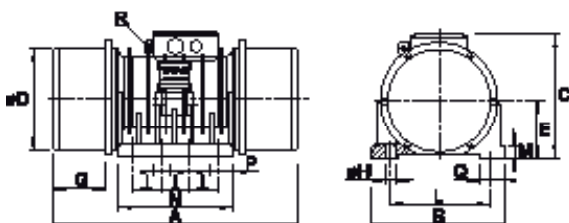


Fig. 3 • Fig. 3



DATI GENERALI GENERAL DATA			DATI MECCANICI MECHANICAL DATA			DATI ELETTRICI ELECTRICAL DATA				DATI DIMENSIONALI OVERALL DIMENSIONS						DATI FISSAGGIO FIXING DATA									
Modello Model	Codice Code	Gr. Sz.	SMv	CFv	Wv	Pot. Assorbita Input Power	Corrente Nom. Nom. Current		Rapporto Ratio	Fig./Fig.	A	B	C	D	E	G	Nr.	H	I	L	M	N	P	Q	R pressacavo cable gland **
			(kg*mm)	(kg)	(kg)	(kW)	Δ (A)	Y (A)	Is/In		(mm)						(mm)								
SPV 1.3 D	SPV041D02B04AA	04.1	240	150	23,0	0,28	1,2	0,7	3,0	1	406	194	204	148	86	101	4	13	100	155	18	180	50	45	M20x1,5
SPV 2.1 D	SPV050D01B05AA	05.0	400	250	30,0	0,45	2,1	1,2	3,5	1	428	220	213	168	96	100	4	17	115	170	20	200	65	50	M20x1,5
SPV 2.8 D	SPV060D02B06AA	06.0	520	330	37,0	0,55	2,5	1,5	3,5	1	452	225	233	187	105	105	4	17	120	180	20	210	70	50	M20x1,5
SPV 4.5 D	SPV070D02B07AA	07.0	860	540	50,0	0,70	2,9	1,7	3,5	1	495	250	246	200	112	121	4	17	150	190	22	220	60	60	M20x1,5
SPX-50 7.0 D	SPX080D01B08AA	08.0	1.110	700	62,5	0,90	3,5	2,0	3,0	1	548	280	258	212	117	143	4	17	160	200	30	260	95	80	M20x1,5
SPX-50 10.0 D	SPX090D00B09AA	09.0	1.650	1.050	82,0	1,10	4,3	2,5	4,0	1	584	300	280	237	131	141	4	22	165	230	35	300	115	80	M20x1,5
SPX-50 13.0 D	SPX091D00B09AA	09.1	2.100	1.320	100,0	1,30	4,8	2,8	4,0	1	624	300	280	237	131	181	4	22	165	230	35	300	115	80	M20x1,5
SPV 15.5 D	SPV100D01B10AA	10.0	2.560	1.610	144,0	2,00	8,6	5,0	4,5	1	662	326	336	270	150	151	4	25	165	270	40	300	100	70	M25x1,5 + M16x1,5 (TH)
SPV 20.0 D	SPV110D02B11AA	11.0	3.560	2.250	186,5	2,50	10,0	6,0	4,5	1	693	355	362	308	166	152	4	29	210	295	40	330	100	70	M25x1,5 + M16x1,5 (TH)
SPV 23.5 D	SPV111D02B11AA	11.1	4.300	2.700	200,0	3,00	11,7	6,8	4,5	1	693	355	362	308	166	152	4	29	210	295	40	330	100	70	M25x1,5 + M16x1,5 (TH)
SPV 28.0 D	SPV120D01B12AA	12.0	6.050	3.800	254,0	3,70	14,7	8,5	4,5	2	740	390	392	345	193	163	6	29	110	310	41	350	110	90	M25x1,5 + M16x1,5 (TH)
SPV 42.5 D	SPV130D01B13AA	13.0	7.550	4.750	300,0	5,20	17,5	10,0	5,5	2	851	390	414	345	192	203	6	29	115	320	45	370	115	75	M25x1,5 + M16x1,5 (TH)
SPV 56.0 D	SPV132D03B13AA	13.2	9.800	6.160	331,0	6,50	21,0	12,0	5,0	2	917	390	414	345	192	243	6	29	115	320	45	370	115	75	M25x1,5 + M16x1,5 (TH)
SPV 66.5 D	SPV140D01B14AA	14.0	11.970	7.550	415,0	7,00	22,5	13,0	4,0	2	1.001	456	456	410	225	253	6	32	130	380	50	400	130	100	M25x1,5 + M16x1,5 (TH)
SPV 78.5 D	SPV141D02B14AA	14.1	13.670	8.600	446,0	8,00	24,5	14,0	5,0	2	1.007	456	456	410	225	253	6	32	130	380	50	400	130	100	M25x1,5 + M16x1,5 (TH)
SPV 100.0 D	SPV150D04B15AZ	15.0	18.000	11.300	584,0	10,00	18,0	10,5	5,0	2	1.084	520	504	451	255	278	6	38	155	400	40	470	150	145	M32x1,5 + M16x1,5 (TH)
SPV 124.0 D	SPV151D04B15AZ	15.1	21.700	13.650	672,0	11,00	20,0	11,5	5,0	2	1.138	520	504	451	255	278	6	38	155	400	40	470	150	145	M32x1,5 + M16x1,5 (TH)
SPV 200.0 D	SPV171D00B17AZ	17.1	29.600	18.600	970,0	13,50	26,0	15,0	5,5	3	1.130	620	595	550	310	235	8	45	140	520	50	530	100	120	M40x1,5 + M20x1,5 (TH)

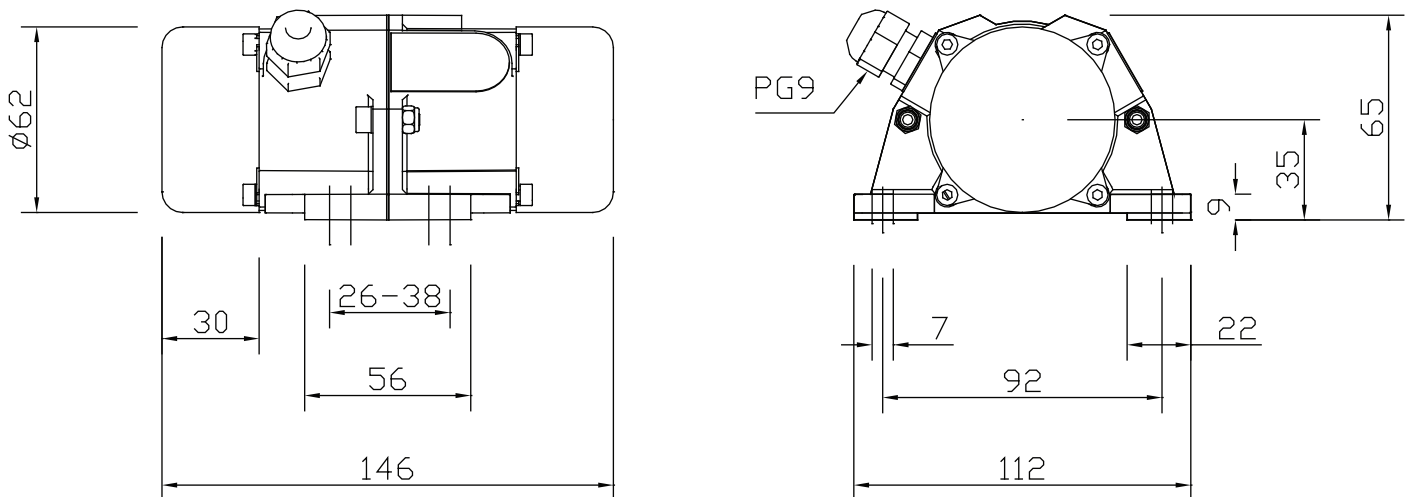
* vedi codice in tabella • see code on table

** TH = pressa cavo per collegamento termistore • TH = cable gland for thermistor connection

Mini - Vibrators (AMV Series)

Mini-vibrators which are just only 1.7 kg in weight are able to obtain centrifugal force up to 21 kg. They are suitable for any general industries, particularly for food industry or pharmaceutical industry, and available both three-phases (380-415V) and single phase (220-240V).

มอเตอร์เขย่าขนาดเล็กที่มีน้ำหนักเพียงแค่ 1.7 กิโลกรัม แต่ให้ค่าแรงเขย่า (Centrifugal force) ถึง 21 กิโลกรัม เหมาะสำหรับเครื่องสั่นที่ใช้ในอุตสาหกรรมทั่วไป โดยเฉพาะอย่างยิ่ง อุตสาหกรรมผลิตอาหารและยา มีให้เลือกทั้งแบบใช้ไฟ 3 สาย (380 - 415 V) และไฟ 2 สาย (220 - 240 V)



weight : 1.7 Kg

IDENTIFICATION DATA				MECHANICAL FEATURES					ELECTR. FEATURES				
Code	Type	Ex.	Sz.	Stat. Mom.		Centrif. Force		K*	Max. Pow.		Max. Current		
				[Kgmm]		[Kg]			[W]		[A]		Is/In
				50 Hz	60 Hz	50 Hz	60 Hz		50 Hz	60 Hz	400V.	460V.	
											50Hz	60Hz	
3 PHASE " AMV" SERIES				2 POLES [3000 RPM 50 Hz - 3600 RPM 60 Hz]									
AMV000A00B00	AMV 000-0.3 AT	00	0.0	2.1	2.1	21.0	30.0	0.85	30.00	42.00	0.20	0.15	2.8
											220V.	115V.	
											50Hz	60Hz	
1 PHASE " AMV" SERIES				2 POLES [3000 RPM 50 Hz - 3600 RPM 60 Hz]									
AMV000A00B00	AMV 000-0.3 AM	00	0.0	2.1	2.1	21.0	30.0	0.83	25.00	30.00	0.15	0.30	2.7

TYPES OF VIBRATION

You can obtain three types of vibration:

- CIRCULAR (fig. A): obtained with 1 electric vibrator positioned near the mass center of the equipment
- ELLIPTICAL (fig. B): obtained with 1 electric vibrator positioned distant from the mass center of the equipment
- LINEAR (fig. C): obtained with 2 electric vibrators (counter-rotating) positioned so that the line of force goes through the mass center of the equipment

fig. A

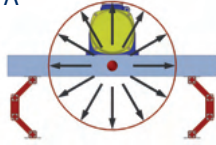


fig. B

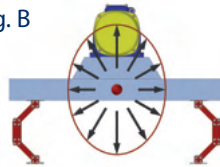
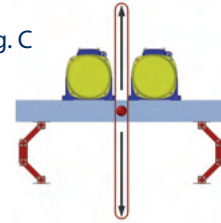


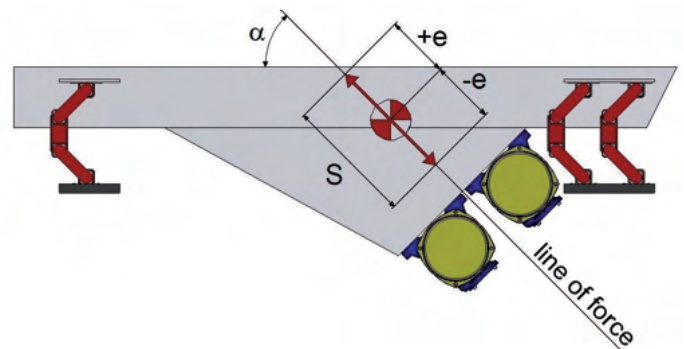
fig. C



The functioning of a vibratory equipment is the result of a specific know-how and experience, it is recommended that only manufacturers of equipments specialized in that field make all necessary evaluations and relevant calculations. Anyway, for a preliminary evaluation of the vibrator model suitable for an application, we report here below some formulas to be considered only as not-binding indications.

GENERAL FORMULA AND LEGENDA

S (stroke) =	$e \cdot 2$	[mm]
e (eccentricity) =	SMt / Wt	[mm]
a (acceleration) =	CFt / Wt	[G]
Wt (total weight of equipment) =	$We + Wvt$	[kg]
We (weight of isolated equipment) =		[kg]
Wvt (total weight of vibrators) =	$Wv \cdot nr. \text{ vibrators}$	[kg]
Wv (weight of vibrator) =		[kg]
SMt (total static moment) =	$SMv \cdot nr. \text{ vibrators}$	[kg*mm]
SMv (static moment of vibrator) =		[kg*mm]
CFt (total centrifugal force) =	$CFv \cdot nr. \text{ vibrators}$	[kg]
CFv (centrifugal force of vibrator) =		[kg]
α (line of force angle from horizontal)		[°]



EXAMPLE OF VIBRATOR SELECTION

Given data on equipment and process

Type of process / vibration:	 primary feeder / linear vibration
Weight of equipment (We):	 1.500 kg
Feeding Frequency:	 50 Hz
Speed / Poles:	.. 1000 rpm / 6 Poles
Requested stroke of vibration (S):	.. 8,0 mm

Calculations

Eccentricity (e)	$= S / 2 \rightarrow 8,0 / 2$	 = 4,0 mm
Weight of vibrators estimated (Wvt)	$= 20\text{-}25\% \text{ of equipment weight } \rightarrow 25\% \text{ of } 1.500 \text{ kg}$	 = 375 kg
Total equipment weight (Wt)	$= We + Wvt \text{ (estimated)} \rightarrow 1.500 + 375$	 = 1.875 kg
Total Static Moment (SMt)	$= Wt \cdot e \rightarrow 1.875 \cdot 4,0$	 = 7.500 kg*mm
Static Moment of vibrator (SMv)	$= SMt / 2 \rightarrow 7.500 / 2$	 = 3.750 kg*mm

Selection and checking

When selecting the vibrator model, it is advisable to use, for all further calculations, the 80% of the value of Static Moment (SMv), therefore the 80% of the relevant Centrifugal Force (CFv), in order to have an operative safety margin of 20%.

In the Catalogue section "6 poles - 50 Hz - 1000 rpm", we must identify a model that, with 80% of setting, will grant a value of Static Moment (SMv) the closest possible to the value required:

SPV 41.5 C	Static Moment (SMv)	$= 4.300 \text{ kg*mm (100\%)} \rightarrow (80\%)$	 = 3.440 kg*mm
	Centrifugal Force (CFv)	$= 4.800 \text{ kg (100\%)} \rightarrow (80\%)$	 = 3.840 kg
	Weight (Wv)		... = 200 kg
	Eccentricity calculation (e)	$= SMt (80\%) / Wt \rightarrow (3.440 \cdot 2) / (1.500 + (200 \cdot 2))$	 = 3,6 mm
	Acceleration calculation (a)	$= CFt (80\%) / Wt \rightarrow (3.840 \cdot 2) / (1.500 + (200 \cdot 2))$	 = 4,0 G (it is advisable not to exceed 5,0 G value)

To obtain the requested eccentricity (e= 4,0 mm) we should set the vibrator at 90%. To keep the recommended safety operative margin of 20%, we have to consider the next model:

SPV 50.0 C	Static Moment (SMv)	$= 5.100 \text{ kg*mm (100\%)} \rightarrow (80\%)$	... = 4.080 kg*mm
	Centrifugal Force (CFv)	$= 5.700 \text{ kg (100\%)} \rightarrow (80\%)$	 = 4.560 kg
	Weight (Wv)		.. = 242 kg
	Eccentricity calculation (e)	$= SMt (80\%) / Wt \rightarrow (4.080 \cdot 2) / (1.500 + (242 \cdot 2))$	 = 4,1 mm
	Acceleration calculation (a)	$= CFt (80\%) / Wt \rightarrow (4.560 \cdot 2) / (1.500 + (242 \cdot 2))$	 = 4,6 G (it is advisable not to exceed 5,0 G value)

SPV



Vibratori a 10 e 12 poli
10 and 12 pole Vibrators

Vibratori a bassa velocità per applicazioni specifiche (es. industria molitoria e fonderia)

Low speed vibrators for specific applications (ex. milling and foundry industry)

SPEX



Vibratori ATEX
ATEX Vibrators

Tutta la gamma Visam è disponibile conforme per utilizzo in zona ATEX 22.

Su richiesta per zona ATEX 21.
All Visam range is suitable for use in zone ATEX 22. On request for zone ATEX 21.

DCV



Vibratori Corrente Continua (12 - 24V)
Direct Current Vibrators (12 - 24V)

Vibratori per utilizzo in applicazioni dove non è disponibile allacciamento diretto alla rete elettrica.

Vibrators for applications where it is not available direct connection to the electricity network.

AMV



Mini Vibratori
Mini Vibrators

Vibratori di ridotte dimensioni per applicazioni ad uso discontinuo e con bassa forza centrifuga richiesta.

Vibrators of small size for applications with discontinuous duty and low centrifugal force required.

SPF



Vibratori con attacco a Flangia
Flange mounted Vibrators

Vibratori con attacco a flangia per applicazione su vagli circolari e buratti.

Flange mounted vibrators for circular screens and deburring machines application

SPC



Vibratori con attacco rapido (culla)
Quick release Vibrators (cradle)

Modelli richiesti in particolare dall'industria del cemento e delle costruzioni per l'esigenza di spostare frequentemente i vibratori su diversi stampi.

Models particularly requested by the concrete and construction industry to meet the requirement of frequent re-positioning of vibrators on different moulds.

HFV HFC



Vibratori ad alta Frequenza
High Frequency Vibrators

Vibratori ad alta velocità (6000 o 9000 rpm) per l'industria dell'edilizia e della prefabbricazione. Modelli disponibili anche nella versione ad attacco rapido (culla) per l'esigenza di spostare frequentemente i vibratori da una cassaforma all'altra.

High speed vibrators (6000 or 9000 rpm) for concrete and pre fab industry. Quick release (cradle) models are available to meet the requirement of frequent re-positioning of vibrators on different moulds.

VFV VFC



Vibratori a frequenza variabile
Variable frequency Vibrators

Vibratori a velocità variabile (da 4000 a 6000 rpm) per l'industria della prefabbricazione. Modelli disponibili anche nella versione ad attacco rapido (culla) per l'esigenza di spostare frequentemente i vibratori da una cassaforma all'altra.

Variable speed vibrators at high speed (from 4000 to 6000 rpm) for pre fab industry. Quick release (cradle) models are available to meet the requirement of frequent re-positioning of vibrators on different moulds.

EMC



Convertitori Elettronici Modulari
Electronic Modular Converters

Convertitori elettronici di frequenza e tensione modulari per l'azionamento di vibratori (serie HFV/HFC e VFV/VFC), progettati per le specifiche esigenze dell'industria dell'edilizia e della prefabbricazione.

Electronic modular frequency and voltage converters for vibrators (series HFV/HFC and VFV/VFC), designed to suit the specific needs of concrete and pre fab industry.

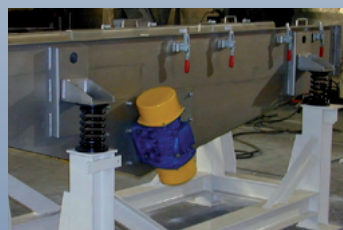
CAVA E MINIERA
QUARRY AND MINING



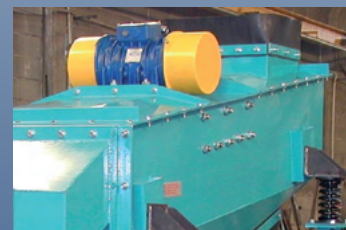
FONDERIA E ACCIAIERIA
FOUNDRY AND STEEL



ALIMENTARE E CHIMICA
FOOD AND CHEMICAL



MOLITORIA E ZOOTECNIA
MILLING AND ZOOTECHNICAL

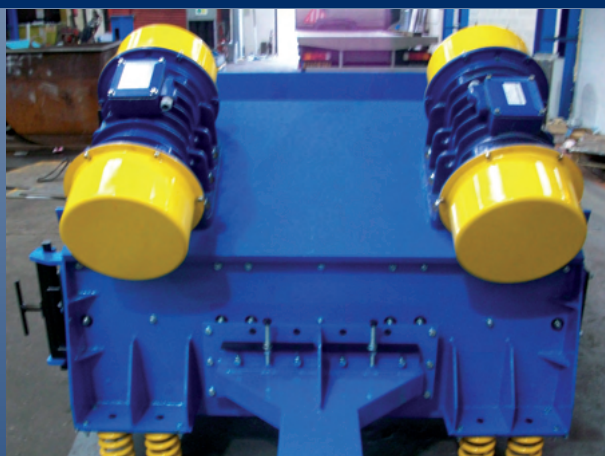


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Tel. +39 059 9781295 - Fax +39 059 9781646

www.visam.it - info@visam.it

