



Motovibratori per atmosfere potenzialmente esplosive

Zone d'uso

1,2 (GAS) 21,22 (POLVERI)

Alimentazione

- Tensione trifase da 120 a 690V a 50Hz o 60Hz.
- Tropicalizzazione standard su tutta la gamma.
- Protezione dello statore con impregnazione sotto vuoto fino alla grandezza GA e goccia a goccia per le grandezze superiori.
- Classe di isolamento F (155°C).
- Idonei al funzionamento con variatore di frequenza in presenza di termistore. Regolazione da 20Hz fino alla frequenza di targa a coppia costante.
- Termistore PTC 130°C a richiesta fino alla grandezza LA, di serie dalla grandezza MA. A richiesta scaldiglie anti condensa.

Funzionamento

- Temperatura di funzionamento da -20°C a +40°C (su richiesta +55°C).
- Progettati per il funzionamento in continuo (S1) al 100% della forza centrifuga.
- Protezione meccanica IP 66.
- Controllo sul 100% dei componenti.



CESI

Product Quality Assurance
Notification CESI 02 ATEX 112Q
Quality Assessment Report IT/
CES/QAR20.0004



VV-E
II2D II2G (2014/34/UE)
Ex tb IIIC T...°C Db
Ex e IIC T3/T4 Gb
EN 60079-0, EN 60079-7, EN 60079-31
Electric vibrators for gas and dust
explosive atmospheres
Cert. N. LCIE07ATEX6032X

2 POLI 3000/3600 giri – 2 POLES 3000/3600 rpm

Codice Code	Tipo Type	Grand. Size	Ex		Potenza MAX INPUT POWER (W)		Potenza resa Power Rating (W)		Corrente Max assorbita (A) Max. Input Current		tE (s)	IA/IN
			Temp. Class (G)	Temp. Class (D)	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz		
V2E21	VV03N/2-E*	BA	T3	120°C	180	180	120	120	0,33	0,30	30	2,68
			T4	105	105	80	80	0,26	0,23	20	3,48	
V2E22	VV05N/2-E*	BA	T3	120°C	180	180	120	120	0,33	0,30	30	2,68
			T4	260	270	210	210	0,57	0,50	18	3,5	
V2E23	VV10N/2-E	CA	T3	120°C	230	230	172	172	0,48	0,41	12	4,2
			T4	500	500	300	300	0,76	0,67	12	4,2	
V2E17	VV15N/2-E	DA	T3	120°C	350	360	210	210	0,57	0,50	8	5,6
			T4	550	570	405	405	0,95	0,83	12	4,2	
V2E20	VV25N/2-E	EA	T3	120°C	390	400	290	290	0,72	0,64	8	5,52
			T4	550	600	350	350	0,86	0,75	15	3,88	
V2E24	VV35N/2-E	GA	T3	120°C	460	500	290	290	0,76	0,67	11	4,37
			T4	1010	1070	720	720	1,62	1,40	6	9,29	
V2E25	VV38N/2-E	HA	T3	200°C	830	910	660	660	1,43	1,25	6	7,3
			T4	1110	1150	960	960	1,90	1,66	7	5,9	
V2E07	VV40N/2-E	IB	T3	200°C								

* Disponibile solo nella tensione 127/220V 50Hz, 200/346V 50Hz, 210/363V 60Hz

Electric vibrators for hazardous locations

Working environment

1,2 GAS 21 22 DUST

Power Supply

- Three-phase 230/400V 50Hz. On request three-phase from 42 to 690V 50/60Hz.
- Tropicalization standard on all vibrators.
- Winding insulation with vacuum encapsulating up to GA size included, drop by drop system from HA size
- Insulation class F (155°C).
- Suitable for operation with inverter (VFD) with thermistor from 20Hz up to the rated frequency with constant torque load.
- Thermistor PTC 130°C at request up to size LA, standard from size MA. On request anti – condensation heater.

Functioning

- Working temperature from -20°C a + 40°C (on request +55° C).
- Designed for continuous duty (S1) with 100% centrifugal force CF.
- Standard mechanical protection IP 66.
- 100% components tested.

4 POLI 1500/1800 giri – 4 POLES 1500/1800 rpm

Codice Code	Tipo Type	Grand. Size	Temp. Class (G)	Temp. Class (D)	Potenza MAX INPUT POWER (W)		Potenza resa Power Rating (W)		Corrente Max assorbita (A) Max. Input Current		tE (s)	IA/IN
					50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz		
V4E24	VV10B/4-E	CA	T4	120°C	170	175	94	95	0,39	0,40	28	2,34
V4E25	VV20B/4-E	DA	T3	120°C	300	320	200	230	0,57	0,52	18	3,33
V4E15	VV21B/4-E	DA	T4	120°C	285	270	180	200	0,52	0,46	16	3,63
V4E30	VV30B/4-E	EA	T3	120°C	300	320	200	230	0,57	0,52	18	3,33
V4E31	VV35B/4-E	GA	T4	120°C	285	270	180	200	0,52	0,46	16	3,63
V4E06	VV38B/4-E	HA	T3	120°C	460	500	310	380	0,86	0,85	17	3,50
V4E07	VV40B/4-E	IA	T4	120°C	360	420	240	310	0,72	0,70	12	4,20
V4E16	VV41B/4-E	IA	T3	150°C	370	450	285	340	0,81	0,83	13	4
V4E17	VV50B/4-E	LA	T4	150°C	900	950	660	730	1,38	1,32	13	4
V4E18	VV53B/4-E	LA	T3	150°C	630	700	460	505	1,05	1,00	8	5,36
V4E09	VV55B/4-E	MA	T4	150°C	1100	1150	730	800	1,90	1,82	9	4,95
V4E10	VV60B/4-E	NA	T3	150°C	630	700	480	530	1,33	1,27	5,5	7
V4E11	VV62B/4-E	NA	T4	150°C	1100	1150	730	800	1,90	1,82	9	4,95
V4E12	VV75B/4-E	QA	T3	150°C	630	700	480	530	1,33	1,27	5,5	7
V4E13	VV81B/4-E	QA	T4	150°C	1600	1700	1340	1470	3,04	3,20	7	6
V4E14	VV81B/4-E	QA	T4	150°C	1150	1250	880	970	2,47	2,30	5,5	7,5
V4E15	VV53B/4-E	LA	T3	135°C	1280	1550	1000	1200	3,14	3,10	5,5	7,42
V4E16	VV53B/4-E	LA	T4	135°C	1150	1400	900	1080	2,85	2,85	5,5	8,16
V4E17	VV55B/4-E	MA	T3	135°C	2200	2400	1780	1960	3,71	3,50	6	7,17
V4E18	VV55B/4-E	MA	T4	135°C	1850	1950	1500	1650	3,14	3,00	6	8,42
V4E19	VV57B/4-E	MA	T3	135°C	2200	2400	1780	1960	3,71	3,50	6	7,17
V4E20	VV57B/4-E	MA	T4	135°C	1850	1950	1500	1650	3,14	3,00	6	8,42
V4E21	VV60B/4-E	NA	T3	135°C	3200	3700	2560	2800	5,70	5,45	6	7
V4E22	VV62B/4-E	NA	T3	135°C	3200	3700	2560	2800	5,70	5,45	6	7
V4E23	VV81B/4-E	QA	T3	135°C	7300	7900	5925	6500	11,6	11,0	5,5	7

6 POLI 1000/1200 giri – 6 POLES 1000/1200 rpm

Codice Code	Tipo Type	Grand. Size	Temp. Class (G)	Temp. Class (D)	Potenza MAX INPUT POWER (W)		Potenza resa Power Rating (W)		Corrente Max assorbita (A) Max. Input Current		tE (s)	IA/IN
					50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz		
V6E35	VV30B/6-E	EA	T4	120°C	320	350	201	221	0,67	0,65	25	2,81
V6E36	VV35B/6-E	GA	T4	120°C	350	380	240	264	0,71	0,68	26	2,4
V6E37	VV38B/6-E	HA	T3	135°C	680	730	448	490	1,33	1,27	25	2,78
V6E38	VV40B/6-E	IA	T4	135°C	500	540	290	320	1,05	1,00	17	3,54
V6E39	VV41B/6-E	IA	T3	135°C	750	690	550	550	1,57	1,36	19	3,33
V6E40	VV50B/6-E	LA	T4	135°C	480	500	300	300	1,24	1,00	13	4,23
V6E41	VV50B/6-E	LA	T3	135°C	750	690	550	550	1,57	1,36	19	3,33
V6E42	VV50B/6-E	LA	T4	135°C	480	500	300	300	1,24	1,00	13	4,23
V6E43	VV55B/6-E	MA	T3	135°C	1100	1200	825	900	2,09	2,00	15	3,63
V6E44	VV55B/6-E	MA	T4	135°C	850	950	615	675	1,81	1,70	10	4,73
V6E45	VV55B/6-E	MA	T3	135°C	1960	2100	1580	1700	3,90	3,70	8	5,31
V6E46	VV57B/6-E	MA	T3	135°C	2200	2400	1630	1770	4,28	4,3	8	4,82
V6E47	VV57B/6-E	MA	T4	135°C	1770	1900	1350	1470	3,71	3,6	5	5,56
V6E48	VV60B/6-E	NA	T3	135°C	2200	2700	1575	1730	4,85	4,60	7	5,88
V6E49	VV60B/6-E	NA	T4	135°C	2000	2200	1500	1650	4,28	4,00	6	6,66
V6E50	VV60B/6-E	NA	T3	135°C	3100	3500	2500	2770	6,18	6	10	5,23
V6E51	VV62B/6-E	NA	T4	135°C	2550	3000	2100	2290	5,42	5,2	6	5,96
V6E52	VV65B/6-E	OA	T3	135°C	3500	3650	2590	2700	6,65	6,10	10	4,64
V6E53	VV66B/6-E	OA	T3	135°C	3500	3650	2590	2700	6,65	6,10	10	4,64
V6E54	VV81B/6-E	QA	T3	135°C	5400	5900	4500	4800	9,98	9,10	7	6

8 POLI 750/900 giri – 8 POLES 750/900 rpm

Codice Code	Tipo Type	Grand. Size	Temp. Class (G)	Temp. Class (D)	Potenza MAX INPUT POWER (W)		Potenza resa Power Rating (W)		Corrente Max assorbita (A) Max. Input Current		tE (s)	IA/IN
					50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz		
V8E19	VV20B/8-E	DA	T3	130°C	230	250	100	110	0,67	0,64	25	2
V8E23	VV30B/8-E	EA	T3	130°C	350	350	190	205	0,86	0,80	25	2,47
V8E24	VV35B/8-E	GA	T4	120°C	280	300	135	150	0,57	0,56	30	1,66
V8E25	VV38B/8-E	HA	T3	120°C	500	525	275	302	1,14	1,10	30	2,15
V8E26	VV40B/8-E	IA	T3	120°C	600	670	336	380	1,33	1,30	30	2,14
V8E27	VV40B/8-E	IA	T4	120°C	450	500	225	255	1,14	1,10	25	2,5
V8E28	VV50B/8-E	LA	T3	150°C	950	1100	646	740	2,09	2,10	30	2,63
V8E06	VV55B/8-E	MA	T3	135°C	1500	1650	1065	1225	3,61	3,60	15	4,18
V8E07	VV60B/8-E	NA	T3	135°C	2000	2200	1460	1600	5,13	5,00	13	3,96
V8E16	VV62B/8-E	NA	T3	135°C	2630	2990	1900	2180	6,18	6,20	14	3,84
V8E08	VV65B/8-E	OA	T3	135°C	2630	2990	1900	2180	6,18	6,20	14	3,84
V8E09	VV67B/8-E	OA	T3	135°C	3520	3800	2570	2775	7,79	7,40	14	3,8
V8E11	VV81B/8-E	QA	T3	135°C	5100	5800	4100	4500	11,4	11,0	17	3,5

* Available only in 127/220V 50Hz, 200/346V 50Hz, 210/363V 60Hz voltage.

