



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



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

2 POLI 3000/3600 giri – 2 POLES 3000/3600 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		
V2E21	VV03N/2-E*	BA	T3	120°C	180	180	120	120	0,33	0,30	30	2,68
V2E22	VV05N/2-E*	BA	T3	120°C	180	180	120	120	0,33	0,30	30	2,68
V2E23	VV10N/2-E	CA	T3	120°C	260	270	210	210	0,57	0,50	18	3,5
			T4	120°C	230	230	172	172	0,48	0,41	12	4,2
V2E17	VV15N/2-E	DA	T3	120°C	500	500	300	300	0,76	0,67	12	4,2
			T4	120°C	350	360	210	210	0,57	0,50	8	5,6
V2E20	VV25N/2-E	EA	T3	120°C	550	570	405	405	0,95	0,83	12	4,2
			T4	120°C	390	400	290	290	0,72	0,64	8	5,52
V2E24	VV35N/2-E	GA	T3	120°C	550	600	350	350	0,86	0,75	15	3,88
			T4	120°C	460	500	290	290	0,76	0,67	11	4,37
V2E25	VV38N/2-E	HA	T3	200°C	1010	1070	720	720	1,62	1,40	6	9,29
			T4	200°C	830	910	660	660	1,43	1,25	6	7,3
V2E07	VV40N/2-E	IB	T3	200°C	1110	1150	960	960	1,90	1,66	7	5,9

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.

* 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.

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

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
			T4	120°C	285	270	180	200	0,52	0,46	16	3,63
V4E15	VV21B/4-E	DA	T3	120°C	300	320	200	230	0,57	0,52	18	3,33
			T4	120°C	285	270	180	200	0,52	0,46	16	3,63
V4E30	VV30B/4-E	EA	T3	120°C	460	500	310	380	0,86	0,85	17	3,50
			T4	120°C	360	420	240	310	0,72	0,70	12	4,20
V4E31	VV35B/4-E	GA	T4	120°C	370	450	285	340	0,81	0,83	13	4
V4E06	VV38B/4-E	HA	T3	120°C	900	950	660	730	1,38	1,32	13	4
			T4	120°C	630	700	460	505	1,05	1,00	8	5,36
V4E07	VV40B/4-E	IA	T3	150°C	1100	1150	730	800	1,90	1,82	9	4,95
			T4	150°C	630	700	480	530	1,33	1,27	5,5	7
V4E16	VV41B/4-E	IA	T3	150°C	1100	1150	730	800	1,90	1,82	9	4,95
			T4	150°C	630	700	480	530	1,33	1,27	5,5	7
V4E08	VV50B/4-E	LA	T3	150°C	1600	1700	1340	1470	3,04	3,20	7	6
			T4	150°C	1150	1250	880	970	2,47	2,30	5,5	7,5
V4E17	VV53B/4-E	LA	T3	135°C	1280	1550	1000	1200	3,14	3,10	5,5	7,42
			T4	135°C	1150	1400	900	1080	2,85	2,85	5,5	8,16
V4E09	VV55B/4-E	MA	T3	135°C	2200	2400	1780	1960	3,71	3,50	6	7,17
			T4	135°C	1850	1950	1500	1650	3,14	3,00	6	8,42
V4E18	VV57B/4-E	MA	T3	135°C	2200	2400	1780	1960	3,71	3,50	6	7,17
			T4	135°C	1850	1950	1500	1650	3,14	3,00	6	8,42
V4E10	VV60B/4-E	NA	T3	135°C	3200	3700	2560	2800	5,70	5,45	6	7
V4E33	VV62B/4-E	NA	T3	135°C	3200	3700	2560	2800	5,70	5,45	6	7
V4E13	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
			T4	135°C	500	540	290	320	1,05	1,00	17	3,54
V6E38	VV40B/6-E	IA	T3	135°C	750	690	550	550	1,57	1,36	19	3,33
			T4	135°C	480	500	300	300	1,24	1,00	13	4,23
V6E39	VV41B/6-E	IA	T3	135°C	750	690	550	550	1,57	1,36	19	3,33
			T4	135°C	480	500	300	300	1,24	1,00	13	4,23
V6E40	VV50B/6-E	LA	T3	135°C	1100	1200	825	900	2,09	2,00	15	3,63
			T4	135°C	850	950	615	675	1,81	1,70	10	4,73
V6E06	VV55B/6-E	MA	T3	135°C	1960	2100	1580	1700	3,90	3,70	8	5,31
V6E20	VV57B/6-E	MA	T3	135°C	2200	2400	1630	1770	4,28	4,3	8	4,82
			T4	135°C	1770	1900	1350	1470	3,71	3,6	5	5,56
V6E07	VV60B/6-E	NA	T3	135°C	2200	2700	1575	1730	4,85	4,60	7	5,88
			T4	135°C	2000	2200	1500	1650	4,28	4,00	6	6,66
V6E21	VV62B/6-E	NA	T3	135°C	3100	3500	2500	2770	6,18	6	10	5,23
			T4	135°C	2550	3000	2100	2290	5,42	5,2	6	5,96
V6E08	VV65B/6-E	OA	T3	135°C	3500	3650	2590	2700	6,65	6,10	10	4,64
V6E42	VV66B/6-E	OA	T3	135°C	3500	3650	2590	2700	6,65	6,10	10	4,64
V6E12	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
			T4	120°C	450	500	225	255	1,14	1,10	25	2,5
V8E27	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