

Technical Datasheet for EExe vibratormotors "increased safety"

ATEX- certified: KEMA 03 ATEX 2233 X

The type is only the size of the vibratormotor

Within the size, the vibratormotors could be delivered with different working moments.

4 pole 1460 min ⁻¹ 400V 50 Hz								
Type		Temp. class	Rating Output kW	Nominal Current I	Power Factor cos φ	Efficiency η	Ia/In	t _E s
Friedrich	Vimarc							
FE...-4 -1.2	AYE...-4 -1.2	T4	0,25	0,70	0,76	0,68	4,50	23
FE...-4 -2.2	AYE...-4 -2.2	T4	0,45	1,13	0,76	0,76	5,00	17
FE...-4 -2.1	BYE...-4 -2.1	T4	0,70	1,57	0,82	0,79	6,60	16
FE...-4 -2.3	BYE...-4 -2.3	T4	0,70	1,57	0,82	0,79	6,60	16
FE...-4 -4.0	DYE...-4 -4.0	T4	1,70	3,32	0,87	0,85	6,80	10
FE...-4 -4.3	DYE...-4 -4.3	T4	1,70	3,32	0,87	0,85	6,80	10
FE...-4 -4.1	DYE...-4 -4.1	T3	2,50	4,97	0,87	0,85	7,60	16
FE...-4 -4.2	DYE...-4 -4.2	T3	2,50	4,97	0,87	0,83	7,60	16

6 pole 980 min ⁻¹ 400V 50 Hz								
Type		Temp. class	Rating Output kW	Nominal Current I	Power Factor cos φ	Efficiency η	Ia/In	t _E s
Friedrich	Vimarc							
FE...-6 -1.2	AYE...-6 -1.2	T4	0,20	0,78	0,62	0,63	3,8	24
FE...-6 -2.2	AYE...-6 -2.2	T4	0,30	0,95	0,68	0,70	4,2	26
FE...-6 -2.1	BYE...-6 -2.1	T4	0,60	1,65	0,70	0,75	5,4	12
FE...-6 -2.3	BYE...-6 -2.3	T4	0,60	1,65	0,70	0,75	5,4	12
FE...-6 -3.1	CYE...-6 -3.1	T4	1,10	2,59	0,77	0,80	5,3	18
FE...-6 -3.4	CYE...-6 -3.3	T4	1,10	2,59	0,77	0,80	5,3	18
FE...-6 -4.0	DYE...-6 -4.0	T4	1,80	4,27	0,75	0,81	5,9	7
FE...-6 -4.3	DYE...-6 -4.3	T4	1,80	4,27	0,75	0,81	5,9	7
FE...-6 -4.1	DYE...-6 -4.1	T4	2,17	4,68	0,80	0,83	6,6	7
FE...-6 -4.2	DYE...-6 -4.2	T4	2,17	4,68	0,80	0,83	6,6	7
FE...-6 -7.0	FYE...-6 -7.0	T4	3,00	6,08	0,84	0,85	7,7	7
FE...-6 -7.1	GYE...-6 -7.1	T4	3,00	6,08	0,84	0,85	7,7	7

8 pole 740 min ⁻¹ 400V 50 Hz								
Type		Temp. class	Rating Output kW	Nominal Current I	Power Factor cos φ	Efficiency η	Ia/In	t _E s
Friedrich	Vimarc							
FE...-8 -4.0	DYE...-8 -4.0	T3	1,20	4,56	0,49	0,77	5,3	23
FE...-8 -7.0	FYE...-8 -7.0	T4	2,30	6,18	0,64	0,84	5,8	14
FE...-8 -7.1	GYE...-8 -7.1	T4	2,30	6,18	0,64	0,84	5,8	14

Catalogue Designation

Example:	FE 75-4 -2.2	BYE 75-4-2.2
	F Friedrich motors	BY Vimarc motors
	E Increased safety	E Increased safety
	75 Working moment	75 Working moment
	4 Number of poles	4 Number of poles
	2.2 Size	2.2 Size