

FIMET Motori & Riduttori Società per Azioni	TECHNICAL DOCUMENT	1st issue	last revision 4
	31111	08/11/04	Data 29/11/10
Object		KIT VENTILATION FOR INDUCTION MOTORS TYPE 'G'	

Annexe documentation :

Issued
BussoControlled
BussoApproved
Pautasso

POSSIBLE DEROGATION FROM WHAT STATED IN THE PRESENT SPECIFICATION, MUST ABSOLUTELY BE ACCEPTED IN WRITTEN BY FIMET.



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- 1) Corresponding standards :
- Electrical : IEC 60034-1, IEC 60085
- Mechanical protection : IEC 60034-5
- Terminal marking and direction of rotation : IEC 60034-8
- Noise limit : ISO 1680-1/2, ISO 3744, IEC 60034-9.
- Low Voltage Directive 73/23/CEE and modifications (see Electromagnetic Compatibility Directive 89/336 CEE).

- 2) Mechanical protection IP55.

- 3) Insulation class F / temperature rise class B.

- 4) Electrical and noise level datas :
- Standard voltage and frequency : 400/230V 50Hz and 440-480 / 255-280V 60Hz.

MOTOR SIZE	KIT SIZE	W 50Hz	W 60Hz	rpm 50 Hz	rpm 60 Hz	In (400V) A	mass flow m ³ /h	total head Pa	sound power dB(A)
71	G-71A	30	36	2800	3400	0,08	300	50	50
80	G-80A	35	42	2800	3400	0,08	350	60	52
90	G-90A	50	60	2800	3400	0,08	500	80	55
100	G-100A	65	78	2800	3400	0,12	650	82	57
112	G-112A	65	78	2800	3400	0,12	1000	110	60
132	G-132A	90	108	1400	1700	0,18	880	70	60
160	G-160A	90	108	1400	1700	0,20	1100	40	60
180	G-180A	100	120	1400	1700	0,20	1200	55	60
200	G-200A	150	180	1400	1700	0,23	2500	65	60
225	G-225A	200	240	1400	1700	0,23	3800	80	60
250	G-250A	320	385	1400	1700	0,84	4200	85	62
280	G-280A	370	440	1400	1700	1,1	5000	100	62
315	G-315A	500	600	1400	1700	1,4	6000	150	62
355	G-355A	250 / 600	280 / 720	900 / 1400	1100 / 1700		4700 / 6500	80 / 180	62 / 80

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5) Cable gland : Type G71-250 : M20 x 1,5. Type G280-355 : M24 x 1,5 6) Dimensional datas											
MOTOR SIZE	KIT SIZE	Φ D1	L1	L2	L3	MOTOR SIZE	KIT SIZE	Φ D1	L1	L2	L3
71	G-71A	136	12,5	132	230	180	G-180A	360	35	218	359
80	G-80A	155	15	148	247	200	G-200A	400	40	220	379
90	G-90A	175	15	148	251	225	G-225A	450	45	241	400
100	G-100A	200	15	148	277	250	G-250A	490	55	258	416
112	G-112A	223	17	151	277	280	G-280A	546	65	267	490
132	G-132A	263	17	155	287	315	G-315A	614	75	320	535
160	G-160A	323	20	192	307	355	G-355A	694	114	357	620
L2 : empty space available in the cover Dimensions drawn from received samples.											
6) Nameplate It must be have Fimet logo as follow :											
The current for 400-480V is the same of 400V.											
Nameplate drawing must be approved by Fimet's Technical Department. In the upper part of the nameplate, where the Fimet logo is present, the background has to be red RAL 3020 and the writings have to be neutral (aluminium). In the other parts the background has to be neutral and the printed writings have to be red. The only color used is red RAL 3020. About Fimet and CE logo, dimensions can change but it's binding to keep a scale drawing.											
7) N. 3 terminal link connections in the terminal box must be always connected for the voltage 400V star.											
8) Packaging : Where possible, the max height of the packaging must not exceed 900mm, base or pallet included. On the packages no hand writing is allowed. Euro dimensions pallet (800 x 1200mm).											
9) Motors and their relevant packagings must be absolutely free from any supplier logo and supplier identification numbers or codes . STANDARD COLOR RAL 6011											
Rev. 1 dtd 08/04/05 : Par.8 :added column L9 and modified column L3.											
Rev. 2 dtd 06/06/07 : modified column L9 in column L2 and L3 for type G-315A											
Rev. 03 dtd 26/03/08: modify nameplate (deleted adress & made in Italy)											
Rev. 04 IP55 & Aggiunto 355											