



Ordering data: 1LE1001-0EB02-2KA4

Motor type: 1AV2090B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ / Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I_A/I_N I/I_N	M_A/M_N T/T_N	M_k/M_N T_B/T_N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	1.10	- / -	4.35	1425	7.4	81.4	81.4	80.4	0.78	0.72	0.61	5.6	2.3	2.9	IE2
400	Y	50	1.10	- / -	2.50	1425	7.4	81.4	81.4	80.4	0.78	0.72	0.61	5.6	2.3	2.9	IE2
460	Y	60	1.27	- / -	2.45	1725	7.0	84.0	84.0	83.0	0.78	0.72	0.61	6.1	2.3	3.0	IE2

IM B14 / IM 3601	FS 90 S	13 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
------------------	---------	-------	------	--------------	------------------------

Mechanical data

Sound pressure level 50 Hz/60Hz (load)	56 db(A)	58 db(A)
Moment of inertia	0.0028 kg m ²	
Bearing DE NDE	6205 2ZC3	6004 2ZC3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing NDE	
Condensate drainage holes	No	
External earthing terminal	No	
Vibration class	A	
Insulation	155(F) to 130(B)	
Duty type	S1	
Direction of rotation	bidirectional	
Frame material	aluminum	
Data of anti condensation heating	-/-	
Coating	Special paint finish	
Color	RAL7030	
Motor protection	(A) without (Standard)	
Method of cooling	IC411 - self ventilated, surface cooled	

Terminal box

Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 D00
Contact screw thread	M3,5
Max. cross-sectional area	1.5 mm ²
Cable diameter from ... to ...	9.0 mm - 17.0 mm
Cable entry	1xM25x1,5
Cable gland	1 plugs

Special design

Environmental conditions

Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

Explosion protection

Type of protection	- / -
--------------------	-------