



Ordering data: 1LE1003-0EB02-2FA4

Motor type: 1AV3090B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U	Δ / Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N	M _A /M _N	M _K /M _N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _A /I _N	T _f /T _N	T _B /T _N	
230	Δ	50	1.10	- / -	4.25	1440	7.3	84.1	84.1	83.1	0.78	0.72	0.61	6.9	2.9	3.6	IE3
400	Y	50	1.10	- / -	2.40	1440	7.3	84.1	84.1	83.1	0.78	0.72	0.61	6.9	2.9	3.6	IE3
460	Y	60	1.27	- / -	2.40	1740	7.0	84.0	84.0	83.0	0.79	0.74	0.63	7.2	2.9	3.8	IE2
IM B5 / IM 3001			FS 90 S		16 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 0.0036 kg m²

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 mm²

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 - / -