



MLFB-Ordering data: 1LE1003-0DB22-2KA4

Motor type: 1AV3082B

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	0.55	- / -	2.20	1440	3.6	80.8	81.1	79.3	0.78	0.70	0.57	5.9	2.1	3.1	IE3
400	Y	50	0.55	- / -	1.26	1440	3.6	80.8	81.1	79.3	0.78	0.70	0.57	5.9	2.1	3.1	IE3
460	Y	60	0.63	- / -	1.25	1740	3.5	81.1	81.3	79.4	0.78	0.70	0.58	6.4	2.4	3.3	IE3
460	Y	60	0.55	- / -	1.15	1750	3.0	81.1	80.8	78.2	0.74	0.66	0.53	6.9	2.7	3.8	IE3
IM B14 / IM 3601			FS 80 M		11 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data		
Sound pressure level 50Hz/60Hz (load)	53 dB(A)	55 dB(A)
Moment of inertia	0.0021 kg m²	
Bearing DE NDE	6004 2Z C3	6004 2Z C3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing DE	
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	Standard paint finish C2	
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 plug

Special design

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