



**Ordering data:** 1LE1001-0DB22-2KA4

**Motor type:** 1AV2082B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ / Y	f [Hz]	P		I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I <sub>A</sub> /I <sub>N</sub> I <sub>A</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>T</sub> /T <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	0.55	- / -	2.40	1440	3.6	78.1	78.6	75.6	0.74	0.68	0.55	5.3	2.2	3.1	- / -
400	Y	50	0.55	- / -	1.37	1440	3.6	78.1	78.6	75.6	0.74	0.68	0.55	5.3	2.2	3.1	- / -
460	Y	60	0.63	- / -	1.30	1735	3.5	80.0	80.0	79.0	0.76	0.70	0.58	6.0	2.3	3.2	- / -

IM B14 / IM 3601	FS 80 M	10 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
------------------	---------	-------	------	--------------	------------------------

### Mechanical data

Sound pressure level 50 Hz/60Hz (load)	53 db(A)	55 db(A)
Moment of inertia	0.0017 kg m <sup>2</sup>	
Bearing DE   NDE	6004 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 <sup>2</sup>
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	- / -
--------------------	-------