



**Ordering data:** 1LE1002-1AB42-2KA4

**Motor type:** 1AV1104B

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 <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>A</sub> /T <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	2.20	- / -	8.60	1425	14.8	79.7	80.5	78.5	0.81	0.72	0.58	5.1	2.2	2.3	IE1
400	Y	50	2.20	- / -	4.90	1425	14.8	79.7	80.5	78.5	0.81	0.72	0.58	5.1	2.2	2.3	IE1
460	Y	60	2.54	- / -	4.70	1720	14.8	83.0	83.0	82.0	0.82	0.77	0.67	5.8	2.2	2.4	IE1

IM B14 / IM 3601	FS 100 L	18 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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Mechanical data			Terminal box		
Sound pressure level 50 Hz/60Hz (load)	60 db(A)	62 db(A)	Terminal box position	top	
Moment of inertia	0.0059 kg m <sup>2</sup>		Material of terminal box	Aluminium	
Bearing DE   NDE	6206 2ZC3	6206 2ZC3	Type of terminal box	TB1 F00	
Bearing lifetime	40000 h		Contact screw thread	M4	
Lubricants	Esso Unirex N3		Max. cross-sectional area	4.0 mm <sup>2</sup>	
Regreasing device	No		Cable diameter from ... to ...	11.0 mm - 21.0 mm	
Grease nipple	- / -		Cable entry	2xM32x1,5	
Type of bearing	Preloaded bearing NDE		Cable gland	2 plugs	
Condensate drainage holes	No		Environmental conditions		
External earthing terminal	No		Ambient temperature	-20 °C - +40 °C	
Vibration class	A		Altitude above sea level	1000 m	
Insulation	155(F) to 130(B)		Special design		
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				