



MLFB-Ordering data: **1LE1002-1AC42-2KA4**

Motor type: **1AV1104C**

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	M_A/M_N	M_k/M_N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4	I/I_N	T_r/T_N	T_B/T_N	
230	Δ	50	1.50	- / -	6.80	940	15.0	75.2	75.6	72.3	0.74	0.65	0.52	4.0	2.0	2.2	IE1
400	Y	50	1.50	- / -	3.90	940	15.0	75.2	75.6	72.3	0.74	0.65	0.52	4.0	2.0	2.2	IE1
460	Y	60	1.75	- / -	3.65	1140	15.0	77.0	77.5	75.2	0.78	0.69	0.55	4.5	2.1	2.5	IE1
IM B14 / IM 3601		FS 100 L		19 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data

Sound pressure level 50Hz/60Hz (load)	59 dB(A)	62 dB(A)
Moment of inertia	0.0065 kg m ²	
Bearing DE NDE	6206 2Z C3	6206 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 F00
Contact screw thread	M4
Max. cross-sectional area	4.0 mm ²
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5
Cable gland	2 plugs

Special design

Environmental conditions

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