



MLFB-Ordering data: **1LE1002-1AA43-4KB4**

Motor type: **1AV1104A**

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 I/I _N	M _A /M _N T _f /T _N	M _k /M _N T _B /T _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	3.00	- / -	6.10	2835	10.0	81.5	83.2	82.7	0.87	0.82	0.73	6.4	3.2	3.5	IE1
690	Y	50	3.00	- / -	3.55	2835	10.0	81.5	83.2	82.7	0.87	0.82	0.73	6.4	3.2	3.5	IE1
460	Δ	60	3.45	- / -	5.80	3435	9.6	84.5	85.5	85.2	0.88	0.84	0.75	7.4	3.9	3.9	IE1
IM B14 / IM 3601		FS 100 L		20 kg	IP55	CC032A	IEC/EN 60034	IEC, DIN, ISO, VDE, EN									

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	67 dB(A)	71 dB(A)	Terminal box position	top
Moment of inertia	0.0034 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6206 2Z C3	6206 2Z C3	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 ²
Regreasing device	No		Cable diameter from ... to ...	11.0 mm - 21.0 mm
Grease nipple	- / -		Cable entry	2xM32x1,5-1xM16x1,5
Type of bearing	Preloaded bearing DE		Cable gland	3 plugs
Condensate drainage holes	No		Special design	
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	(B) 3 PTC thermistors - for tripping (2 terminals)			
Method of cooling	IC411 - self ventilated, surface cooled			

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