



MLFB-Ordering data: **1LE1004-1AA42-2AA4**

Motor type: **1AV4104A**

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/I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>f</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	3.00	- / -	9.90	2920	9.8	89.1	89.8	89.4	0.86	0.81	0.71	9.0	3.7	4.9	IE4
400	Y	50	3.00	- / -	5.70	2920	9.8	89.1	89.8	89.4	0.86	0.81	0.71	9.0	3.7	4.9	IE4
460	Y	60	3.45	- / -	5.60	3515	9.4	89.5	89.9	89.3	0.87	0.83	0.74	9.5	4.0	5.2	IE4
460	Y	60	3.00	- / -	4.95	3530	8.1	89.5	89.5	88.3	0.85	0.80	0.69	10.8	4.7	6.0	IE4
IM B3 / IM 1001		FS 100 L		27 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	62 dB(A)   67 dB(A)	Terminal box position	top
Moment of inertia	0.0054 kg m <sup>2</sup>	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 <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 DE	Cable gland	2 plugs
Condensate drainage holes	No	Special design (0)	
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 (paint finish)	Standard paint finish C2		
Color, paint shade	RAL7030		
Motor protection	(A) without (Standard)		
Method of cooling	IC411 - self ventilated, surface cooled		

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