



Ordering data: 1LE1001-1AA42-2FA4

Motor type: 1AV2104A

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 _A /I _N	M _A /M _N T _T /T _N	M _K /M _N T _B /T _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	3.00	- / -	10.60	2905	9.9	84.6	84.6	83.6	0.84	0.80	0.71	7.0	2.3	3.3	IE2
400	Y	50	3.00	- / -	6.10	2905	9.9	84.6	84.6	83.6	0.84	0.80	0.71	7.0	2.3	3.3	IE2
460	Y	60	3.45	- / -	5.80	3505	9.4	87.5	87.5	86.5	0.85	0.81	0.73	7.3	2.2	3.3	IE2

IM B5 / IM 3001		FS 100 L	21 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)	67 db(A)	71 db(A)	Terminal box position	top	
Moment of inertia	0.0044 kg m ²		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 ²	
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				