



Ordering data: 1LE1001-1AB42-2AA4

Motor type: 1AV2104B

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	2.20	- / -	8.10	1455	14.0	84.3	84.3	83.3	0.81	0.76	0.66	6.9	2.1	3.3	IE2
400	Y	50	2.20	- / -	4.65	1455	14.0	84.3	84.3	83.3	0.81	0.76	0.66	6.9	2.1	3.3	IE2
460	Y	60	2.54	- / -	4.45	1755	14.0	87.5	87.5	86.5	0.82	0.77	0.67	7.3	2.1	3.3	IE2

IM B3 / IM 1001		FS 100 L	21 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
-----------------	--	----------	-------	------	--------------	------------------------

Mechanical data		Terminal box	
Sound pressure level 50 Hz/60Hz (load)	60 db(A) 62 db(A)	Terminal box position	top
Moment of inertia	0.0086 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		