



Ordering data: 1LE1003-1AB52-2FA4

Motor type: 1AV3105B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ / Y	f [Hz]	P		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
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4	I_A/I_N	T_A/T_N	T_B/T_N	
230	Δ	50	3.00	- / -	10.40	1460	19.6	87.7	87.7	86.7	0.83	0.79	0.69	7.3	2.3	3.7	IE3
400	Y	50	3.00	- / -	5.90	1460	19.6	87.7	87.7	86.7	0.83	0.79	0.69	7.3	2.3	3.7	IE3
460	Y	60	3.45	- / -	5.80	1760	18.7	89.5	89.5	88.5	0.84	0.80	0.71	7.6	2.2	3.8	IE3

IM B5 / IM 3001		FS 100 L	30 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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Mechanical data

Sound pressure level 50 Hz/60Hz (load)	60 db(A)	62 db(A)
Moment of inertia	0.014 kg m ²	
Bearing DE NDE	6206 2ZC3	6206 2ZC3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing NDE	
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	Special paint finish	
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

Explosion protection

Type of protection	- / -
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