



MLFB-Ordering data: 1LE1002-0EC42-2AA4

Motor type: 1AV1094C

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_B/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	1.10	- / -	5.50	925	11.0	72.9	73.8	71.2	0.69	0.59	0.46	3.8	2.2	2.4	IE1
400	Y	50	1.10	- / -	3.15	925	11.0	72.9	73.8	71.2	0.69	0.59	0.46	3.8	2.2	2.4	IE1
460	Y	60	1.27	- / -	3.10	1125	11.0	75.0	75.9	73.7	0.69	0.60	0.47	4.3	2.2	2.6	IE1

IM B3 / IM 1001	FS 90 L	IP55	CC032A	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
-----------------	---------	------	--------	--------------	------------------------

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	58 dB(A) 57 dB(A)	Terminal box position	top
Moment of inertia	0.00402 kg m ²	Material of terminal box	Aluminium
Bearing DE NDE	6205 2Z C3 6004 2Z C3	Type of terminal box	TB1 E00
Bearing lifetime	40000 h	Contact screw thread	M4
Lubricants	Esso Unirex N3	Max. cross-sectional area	1.5 mm ²
Regreasing device	No	Cable diameter from ... to ...	9.0 mm - 17.0 mm
Grease nipple	- / -	Cable entry	1xM25x1,5
Type of bearing	Preloaded bearing DE	Cable gland	1 plug
Condensate drainage holes	No	Special design (0)	
External earthing terminal			
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		

