



MLFB-Ordering data: **1LE1002-0CA32-2FA4-Z H03**

Motor type: **1AV1073A**

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/I _N	M _A /M _N T _f /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	0.55	- / -	2.55	2750	1.9	69.0	69.9	66.5	0.79	0.70	0.57	3.7	2.2	2.2	IE1
400	Y	50	0.55	- / -	1.46	2750	1.9	69.0	69.9	66.5	0.79	0.70	0.57	3.7	2.2	2.2	IE1
460	Y	60	0.63	- / -	1.39	3350	1.8	72.0	72.6	69.3	0.79	0.71	0.58	4.2	2.4	2.4	IE1
IM B5 / IM 3001			FS 71 M			IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN							

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	62 dB(A) ¹⁾ 65 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.00029 kg m ²	Material of terminal box	Aluminium
Bearing DE NDE	6202 2Z C3 6202 2Z C3	Type of terminal box	TB1 B00
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	Yes	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Special design (1) H03 Condensation drain holes in end shield </div>	
External earthing terminal			
Vibration severity grade	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

Notes

I_A/I_N = locked rotor current / current nominal M_k/M_N = break down torque / nominal torque
 M_k/M_N = locked rotor torque / torque nominal 1) Value is valid only for DOL operation with motor design IC411

