



MLFB-Ordering data: **1LE1002-0BA32-2AA4**

Motor type: **1AV1063A**

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 I/I_N	M_A/M_N T/T_N	M_k/M_N T_B/T_N	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	0.25	- / -	1.44	2835	0.8	58.2	55.5	48.6	0.75	0.64	0.50	3.6	1.9	2.6	IE1
400	Y	50	0.25	- / -	0.83	2835	0.8	58.2	55.5	48.6	0.75	0.64	0.50	3.6	1.9	2.6	IE1
460	Y	60	0.28	- / -	0.77	3440	0.8	64.0	61.7	55.4	0.74	0.63	0.49	4.2	2.1	2.8	IE1
IM B3 / IM 1001			FS 63 M			IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN							

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)		Terminal box position	top
Moment of inertia	0.00022 kg m ²	Material of terminal box	Aluminium
Bearing DE NDE	6201 2ZC3 6201 2ZC3	Type of terminal box	TB1 B00
Bearing lifetime	40000 h	Contact screw thread	M4
Lubricants	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	- / -
Type of bearing	Preloaded bearing DE	Cable gland	- / -
Condensate drainage holes	No		
External earthing terminal			
Vibration severity grade	A	Special design (0)	
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	M_k/M_N = break down torque / nominal torque
M_A/M_N = locked rotor torque / torque	1) at rated power