



MLFB-Ordering data: **1LE1523-1AB42-2AA4**

Motor type: **1CV3104B**

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/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	- / -	7.70	1465	14.3	86.7	87.0	85.9	0.83	0.77	0.66	8.4	3.2	4.4	IE3
400	Y	50	2.20	- / -	4.40	1465	14.3	86.7	87.0	85.9	0.83	0.77	0.66	8.4	3.2	4.4	IE3
460	Y	60	2.54	- / -	4.25	1765	13.8	89.5	89.7	88.5	0.84	0.81	0.69	8.5	3.0	4.4	IE3
460	Y	60	2.20	3.00	3.80	1770	11.9	89.5	89.2	87.2	0.81	0.75	0.63	9.6	3.5	5.1	MG1
IM B3 / IM 1001		FS 100 L		40 kg	IP55	CC032A	IEC/EN 60034	IEC, EN, UL, CSA, NEMA MG1-12-12			kVA Code: N						

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	60 dB(A) ¹⁾	62 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.014 kg m ²		Material of terminal box	cast iron
Bearing DE NDE	6206 2Z C3	6206 2Z C3	Type of terminal box	TB1 F01
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	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 DE		Cable gland	2 plugs
Condensate drainage holes	Yes (standard)		Special design (0)	
External earthing terminal				
Vibration severity grade	A			
Insulation	155(F) to 130(B)			
Duty type	S1			
Direction of rotation	bidirectional			
Frame material	cast iron			
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