



MLFB-Ordering data: **1LE1523-1DB42-2AA4**

Motor type: **1CV3164B**

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_B/T_N	T_B/T_N	
230	Δ	50	15.00	- / -	50.00	1475	97.0	92.1	92.3	91.5	0.82	0.76	0.65	8.5	2.5	3.8	IE3
400	Y	50	15.00	- / -	28.50	1475	97.0	92.1	92.3	91.5	0.82	0.76	0.65	8.5	2.5	3.8	IE3
460	Y	60	17.30	- / -	28.00	1775	93.0	93.6	93.7	92.9	0.83	0.78	0.68	8.5	2.5	3.7	IE3
460	Y	60	15.00	20.00	25.00	1780	80.0	93.0	92.8	91.4	0.81	0.75	0.64	9.5	2.9	4.3	MG1
IM B3 / IM 1001			FS 160 L		127 kg	IP55	CC032A	IEC/EN 60034		IEC, EN, UL, CSA, NEMA MG1-12-12			kVA Code: M				

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	65 dB(A) ¹⁾	69 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.085 kg m ²		Material of terminal box	cast iron
Bearing DE NDE	6209 2Z C3	6209 2Z C3	Type of terminal box	TB1 J01
Bearing lifetime	40000 h		Contact screw thread	M5
Lubricants	Unirex N3		Max. cross-sectional area	16.0 mm ²
Regreasing device	No		Cable diameter from ... to ...	19.0 mm - 28.0 mm
Grease nipple	- / -		Cable entry	2xM40x1,5
Type of bearing	Locating bearing NDE		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