



MLFB-Ordering data:

1LE1501-1CA03-4AB4-Z  
B02

Safe Area

Motor type:

1CV2130A

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			$I_A/I_N$	$M_A/M_N$	$M_K/M_N$	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4	$I_A/I_N$	$T_f/T_N$	$T_B/T_N$	
400	Δ	50	5.50	- / -	10.50	2950	17.8	87.0	88.0	87.6	0.87	0.84	0.76	6.6	1.8	2.9	IE2
690	Y	50	5.50	- / -	6.10	2950	17.8	87.0	88.0	87.6	0.87	0.84	0.76	6.6	1.8	2.9	IE2
460	Δ	60	6.30	- / -	10.20	3550	16.9	88.5	88.9	88.1	0.88	0.84	0.74	6.9	1.8	2.9	IE2
460	Δ	60	5.50	- / -	9.10	3555	14.8	88.5	88.4	87.0	0.86	0.81	0.70	7.6	2.0	3.3	IE2
IM B3 / IM 1001		FS 132 S		57 kg		IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	68 dB(A) <sup>1)</sup>	72 dB(A) <sup>1)</sup>	Terminal box position	top
Moment of inertia	0.02 kg m <sup>2</sup>		Material of terminal box	cast iron
Bearing DE   NDE	6208 2Z C3	6208 2Z C3	Type of terminal box	TB1 H01
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Unirex N3		Max. cross-sectional area	6.0 mm <sup>2</sup>
Regreasing device	No		Cable diameter from ... to ...	11.0 mm - 21.0 mm
Grease nipple	- / -		Cable entry	2xM32x1,5-1xM16x1,5
Type of bearing	Preloaded bearing DE		Cable gland	3 plugs
Condensate drainage holes	Yes (standard)		<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>Special design (1)</b>                      B02 Acceptance test certificate 3.1 acc. to EN 10204                 </div>	
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	(B) 3 PTC thermistors - for tripping (2 terminals)			
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) Value is valid only for DOL operation with motor design