



**MLFB-Ordering data:** 1LE1502-1EB23-4FA4

**Motor type:** 1CV1182B

Client order no.:

Order no.:

Offer no.:

Remarks:

Item no.:

Consignment no.:

Project:

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 <sub>A</sub> /I <sub>N</sub> I <sub>f</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>f</sub> /T <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	18.50	- / -	35.00	1468	120.0	89.3	90.2	90.2	0.85	0.82	0.73	7.3	2.2	3.1	IE1
690	Y	50	18.50	- / -	20.50	1468	120.0	89.3	90.2	90.2	0.85	0.82	0.73	7.3	2.2	3.1	IE1
460	Δ	60	21.30	- / -	34.50	1768	115.0	91.0	91.9	91.8	0.85	0.82	0.74	7.6	2.2	3.2	IE1
IM B5 / IM 3001			FS 180 M		170 kg	IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN							

### Mechanical data

Sound pressure level 50Hz/60Hz (load)	63 dB(A) <sup>1)</sup>   65 dB(A) <sup>1)</sup>
Moment of inertia	0.13 kg m <sup>2</sup>
Bearing DE   NDE	6210 Z C3   6210 Z C3
Bearing lifetime	40000 h
Lubricants	Esso Unirex N3
Regreasing device	No
Grease nipple	- / -
Type of bearing	Locating bearing NDE
Condensate drainage holes	Yes (standard)
External earthing terminal	Yes (standard)
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<sub>A</sub><sup>1)</sup> = locked rotor current / current nominal    M<sub>K</sub>/M<sub>N</sub> = break down torque / nominal torque  
M<sub>A</sub>/M<sub>N</sub> = locked rotor torque / torque nominal    1) Value is valid only for DOL operation with motor design IC411

### Terminal box

Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 J01
Contact screw thread	M5
Max. cross-sectional area	16.0 mm <sup>2</sup>
Cable diameter from ... to ...	19.0 mm - 28.0 mm
Cable entry	2xM40x1,5
Cable gland	2 plugs

### Special design (0)

**Tel: 48 0000 49** (60 Lines)

