



**MLFB-Ordering data:** 1LE1603-2BA23-4AB4-Z  
L51

**Motor type:** 1CV3222A

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 <sub>A</sub> /I <sub>N</sub> I <sub>I</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>I</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	45.00	- / -	78.00	2960	145.0	94.0	94.5	94.4	0.89	0.87	0.80	6.9	2.4	3.3	IE3
690	Y	50	45.00	- / -	45.50	2960	145.0	94.0	94.5	94.4	0.89	0.87	0.80	6.9	2.4	3.3	IE3
460	Δ	60	51.00	- / -	77.00	3560	137.0	93.6	93.9	93.6	0.89	0.87	0.81	6.8	2.4	3.2	IE3
460	Δ	60	45.00	- / -	69.00	3570	120.0	93.6	93.7	93.1	0.88	0.85	0.78	7.6	2.7	3.5	IE3
IM B3 / IM 1001		FS 225 M		315 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	73 dB(A)   75 dB(A)	Terminal box position	top
Moment of inertia	0.26 kg m <sup>2</sup>	Material of terminal box	cast iron
Bearing DE   NDE	6313 C3   6313 C3	Type of terminal box	TB1 L01
Relubrication interval/quantity	20 g   20 g 4000 h	Contact screw thread	M8
Lubricants	Esso Unirex N3	Max. cross-sectional area	35.0 mm <sup>2</sup>
Regreasing device	Yes (standard)	Cable diameter from ... to ...	27.0 mm - 35.0 mm
Grease nipple	M10x1 DIN 3404 A	Cable entry	2xM50x1,5-2xM20x1,5
Type of bearing	Locating bearing DE	Cable gland	4 plugs
Condensate drainage holes	Yes (standard)	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>Special design (1)</b>                      L51 Bearing insulation NDE                 </div>	
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)	Special paint finish C3		
Color, paint shade	RAL7030		
Motor protection	(B) 3 PTC thermistors - for tripping (standard) (2 terminals)		
Method of cooling	IC411 - self ventilated, surface cooled		

Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m