



MLFB-Ordering data: **1LE1502-2DB23-4AA4**

Motor type: **1CV1282B**

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 I/I_N	M_A/M_N T/T_N	M_k/M_N T_B/T_N	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	90.00	- / -	161.00	1482	580.0	93.0	93.4	93.1	0.87	0.85	0.77	6.5	2.2	2.8	IE1
690	Y	50	90.00	- / -	93.00	1482	580.0	93.0	93.4	93.1	0.87	0.85	0.77	6.5	2.2	2.8	IE1
460	Δ	60	104.00	- / -	159.00	1782	557.0	93.5	93.8	93.4	0.88	0.86	0.80	6.5	2.2	2.6	IE1
IM B3 / IM 1001			FS 280 M		560 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	72 dB(A) ¹⁾ 76 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	1.40 kg m ²	Material of terminal box	cast iron
Bearing DE NDE	6317 C3 6317 C3	Type of terminal box	TB1 N01
Relubrication interval/quantity	30 g 30 g 8000 h	Contact screw thread	M10
Lubricants	Unirex N3	Max. cross-sectional area	120.0 mm ²
Regreasing device	Yes (standard)	Cable diameter from ... to ...	34.0 mm - 42.0 mm
Grease nipple	M10x1 DIN 3404 A	Cable entry	2xM63x1,5
Type of bearing	Locating bearing NDE	Cable gland	2 plugs
Condensate drainage holes	Yes (standard)	Special design (0)	
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_A/I_N = locked rotor current / current nominal	M_k/M_N = break down torque / nominal torque
M_A/M_N = locked rotor torque / torque nominal	1) Value is valid only for DOL operation with motor design IC411