



MLFB-Ordering data: **1LE1603-3AA43-4AB4**

Motor type: **1CV3314A**

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 I/I_N	M_A/M_N T/T_N	M_k/M_N T_B/T_N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	160.00	- / -	265.00	2982	512.0	95.6	95.7	95.2	0.92	0.91	0.86	7.8	2.8	3.3	IE3
690	Y	50	160.00	- / -	152.00	2982	512.0	95.6	95.7	95.2	0.92	0.91	0.86	7.8	2.8	3.3	IE3
460	Δ	60	180.00	- / -	255.00	3582	480.0	95.4	95.1	94.6	0.92	0.91	0.86	7.7	2.8	3.1	IE2
460	Δ	60	160.00	- / -	230.00	3588	426.0	95.4	95.1	93.9	0.91	0.89	0.83	8.8	3.2	3.5	IE3
IM B3 / IM 1001		FS 315 L		980 kg		IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	77 dB(A) ¹⁾ 82 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	1.90 kg m ²	Material of terminal box	cast iron
Bearing DE NDE	6316 C3 6316 C3	Type of terminal box	TB1 Q01
Relubrication interval/quantity	30 g 30 g 3000 h	Contact screw thread	M12
Lubricants	Unirex N3	Max. cross-sectional area	240.0 mm ²
Regreasing device	Yes (standard)	Cable diameter from ... to ...	38.0 mm - 45.0 mm
Grease nipple	M10x1 DIN 3404 A	Cable entry	2xM63x1,5-2xM20x1,5
Type of bearing	Locating bearing NDE	Cable gland	4 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)	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

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

