



MLFB-Ordering data: **1LE1603-3AC02-2AB4**

Motor type: **1CV3310C**

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 _L /I _N	M _A /M _N T _f /T _N	M _K /M _N T _B /T _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	75.00	- / -	235.00	990	723.0	94.6	94.9	94.4	0.84	0.80	0.70	7.5	2.6	3.1	IE3
400	Y	50	75.00	- / -	136.00	990	723.0	94.6	94.9	94.4	0.84	0.80	0.70	7.5	2.6	3.1	IE3
460	Y	60	90.00	- / -	142.00	1190	722.0	95.0	95.3	94.8	0.84	0.81	0.72	7.2	2.6	2.9	IE3
460	Y	60	75.00	- / -	121.00	1192	601.0	95.0	94.9	94.1	0.82	0.77	0.67	8.4	3.1	3.3	IE3
IM B3 / IM 1001		FS 315 S		750 kg		IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	63 dB(A) ¹⁾ 64 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	2.60 kg m ²	Material of terminal box	cast iron
Bearing DE NDE	6319 C3 6319 C3	Type of terminal box	TB1 Q01
Relubrication interval/quantity	40 g 40 g 6000 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

