



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

Motor type: **1CV3104A**

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				
400	Δ	50	3.00	- / -	5.60	2920	9.8	87.1	88.0	87.5	0.88	0.84	0.75	8.0	2.8	4.3	IE3
690	Y	50	3.00	- / -	3.30	2920	9.8	87.1	88.0	87.5	0.88	0.84	0.75	8.0	2.8	4.3	IE3
460	Δ	60	3.45	- / -	5.60	3515	9.4	87.5	88.1	87.2	0.88	0.84	0.76	8.5	2.7	4.5	IE2
460	Δ	60	3.00	- / -	4.90	3530	8.1	88.5	88.4	86.9	0.87	0.82	0.72	9.6	3.1	5.2	IE3
IM B3 / IM 1001		FS 100 L		36 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	67 dB(A) 71 dB(A)	Terminal box position	top
Moment of inertia	0.0054 kg m ²	Material of terminal box	cast iron
Bearing DE NDE	6306 2Z C3 6306 2Z C3	Type of terminal box	TB1 F01
Bearing lifetime	40000 h	Contact screw thread	M4
Lubricants	Esso Unirex N3	Max. cross-sectional area	4.0 mm ²
Regreasing device	No	Cable diameter from ... to ...	11.0 mm - 21.0 mm
Grease nipple	- / -	Cable entry	2xM32x1,5-1xM16x1,5
Type of bearing	Preloaded bearing DE	Cable gland	3 plugs
Condensate drainage holes	Yes (standard)	Special design	
External earthing terminal	No		
Vibration class	A		
Insulation	155(F) to 130(B)		
Duty type	S1		
Direction of rotation	bidirectional		
Frame material	cast iron		
Data of anti condensation heating	- / -		
Coating	Special paint finish C3		
Color	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