



MLFB-Ordering data: **1LE1603-2CB23-4FB4**

Motor type: **1CV3252B**

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/I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>r</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	55.00	- / -	96.00	1482	354.0	94.6	95.1	95.0	0.87	0.84	0.76	6.8	2.5	2.9	IE3
690	Y	50	55.00	- / -	56.00	1482	354.0	94.6	95.1	95.0	0.87	0.84	0.76	6.8	2.5	2.9	IE3
460	Δ	60	63.00	- / -	97.00	1782	338.0	94.1	94.5	94.4	0.87	0.84	0.77	6.7	2.4	2.8	IE2
460	Δ	60	55.00	- / -	84.00	1786	294.0	95.4	95.6	95.1	0.86	0.83	0.74	7.6	2.8	3.2	IE3
IM B5 / IM 3001		FS 250 M		420 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	66 dB(A)	68 dB(A)	Terminal box position	top
Moment of inertia	0.85 kg m <sup>2</sup>		Material of terminal box	cast iron
Bearing DE   NDE	6315 C3	6315 C3	Type of terminal box	TB1 N01
Relubrication interval/quantity	25 g   25 g 8000 h		Contact screw thread	M10
Lubricants	Esso Unirex N3		Max. cross-sectional area	120.0 mm <sup>2</sup>
Regreasing device	Yes (standard)		Cable diameter from ... to ...	34.0 mm - 42.0 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	
External earthing terminal	Yes (standard)			
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