



MLFB-Ordering data: **1LE1603-2BB02-2AB4**

Motor type: **1CV3220B**

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				
230	Δ	50	37.00	- / -	116.00	1478	239.0	93.9	94.5	94.4	0.86	0.83	0.74	6.4	2.5	2.7	IE3
400	Y	50	37.00	- / -	66.00	1478	239.0	93.9	94.5	94.4	0.86	0.83	0.74	6.4	2.5	2.7	IE3
460	Y	60	42.50	- / -	66.00	1778	228.0	93.6	94.1	93.9	0.86	0.83	0.75	6.7	2.4	2.7	IE2
460	Y	60	37.00	- / -	58.00	1782	198.0	94.5	94.7	94.2	0.85	0.81	0.71	7.5	2.8	3.0	IE3
IM B3 / IM 1001		FS 225 S		285 kg	IP55	CC032A	IEC/EN 60034	IEC, DIN, ISO, VDE, EN									

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	65 dB(A)	68 dB(A)	Terminal box position	top
Moment of inertia	0.42 kg m <sup>2</sup>		Material of terminal box	cast iron
Bearing DE   NDE	6313 C3	6313 C3	Type of terminal box	TB1 L01
Relubrication interval/quantity	20 g   20 g 8000 h		Contact screw thread	M8
Lubricants	Esso Unirex N3		Max. cross-sectional area	35.0 mm <sup>2</sup>
Regreasing device	Yes (standard)		Cable diameter from ... to ...	27.0 mm - 35.0 mm
Grease nipple	M10x1 DIN 3404 A		Cable entry	2xM50x1,5-2xM20x1,5
Type of bearing	Locating bearing NDE		Cable gland	4 plugs
Condensate drainage holes	Yes (standard)		Special design (0)	
External earthing terminal	Yes (standard)			
Vibration 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 (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

