



MLFB-Ordering data: **1LE1603-1EB42-2JB4**

Motor type: **1CV3184B**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ/Y	f [Hz]	P		I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I <sub>A</sub> /I <sub>N</sub> I <sub>L</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>l</sub> /T <sub>N</sub>	M <sub>k</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	22.00	- / -	72.00	1470	143.0	93.0	93.7	93.6	0.83	0.79	0.70	6.8	2.3	3.3	IE3
400	Y	50	22.00	- / -	41.00	1470	143.0	93.0	93.7	93.6	0.83	0.79	0.70	6.8	2.3	3.3	IE3
460	Y	60	25.30	- / -	41.00	1770	143.0	93.6	94.1	93.9	0.83	0.79	0.71	6.9	2.2	3.2	IE3
460	Y	60	22.00	- / -	36.50	1775	143.0	93.6	93.8	93.2	0.81	0.76	0.67	8.3	2.4	3.6	IE3
IM B35 / IM 2001			FS 180 L		170 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	68 dB(A)   70 dB(A)	Terminal box position	top
Moment of inertia	0.14 kg m <sup>2</sup>	Material of terminal box	cast iron
Bearing DE   NDE	6310 C3   6310 C3	Type of terminal box	TB1 J01
Relubrication interval/quantity	10 g   10 g 8000 h	Contact screw thread	M5
Lubricants	Esso Unirex N3	Max. cross-sectional area	16.0 mm <sup>2</sup>
Regreasing device	Yes (standard)	Cable diameter from ... to ...	19.0 mm - 28.0 mm
Grease nipple	M10x1 DIN 3404 A	Cable entry	2xM40x1,5-1xM16x1,5
Type of bearing	Locating bearing NDE	Cable gland	3 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

