



MLFB-Ordering data: **1LE1603-1EA22-2JB4**

Motor type: **1CV3182A**

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 _A /I _N I _L /I _N	M _A /M _N T _l /T _N	M _k /M _N T _B /T _N	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	22.00	- / -	67.00	2950	71.0	92.7	93.2	92.9	0.89	0.86	0.79	7.5	2.3	3.5	IE3
400	Y	50	22.00	- / -	38.50	2950	71.0	92.7	93.2	92.9	0.89	0.86	0.79	7.5	2.3	3.5	IE3
460	Y	60	24.50	- / -	37.50	3550	66.0	91.7	92.0	91.4	0.89	0.86	0.79	7.7	2.3	3.6	IE3
460	Y	60	22.00	- / -	34.00	3560	59.0	91.7	91.8	90.9	0.89	0.89	0.80	9.0	2.5	3.9	IE3
IM B35 / IM 2001			FS 180 M		160 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	73 dB(A)	78 dB(A)	Terminal box position	top
Moment of inertia	0.08 kg m ²		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 4000 h		Contact screw thread	M5
Lubricants	Esso Unirex N3		Max. cross-sectional area	16.0 mm ²
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	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

