



**Ordering data:** 1LE1003-1DB23-4FB4

**Motor type:** 1AV3162B

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 <sub>/I<sub>N</sub></sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>/T<sub>N</sub></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	11.00	- / -	20.50	1475	71.0	91.4	91.4	90.4	0.84	0.80	0.71	6.9	2.2	3.2	IE3
690	Y	50	11.00	- / -	12.00	1475	71.0	91.4	91.4	90.4	0.84	0.80	0.71	6.9	2.2	3.2	IE3
460	Δ	60	12.60	- / -	20.00	1775	68.0	92.4	92.4	91.4	0.85	0.81	0.73	7.1	2.0	3.2	IE3
IM B5 / IM 3001		FS 160 M		83 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data				Terminal box			
Sound pressure level 50 Hz/60Hz (load)	65 db(A)	69 db(A)		Terminal box position	top		
Moment of inertia	0.083 kg m <sup>2</sup>			Material of terminal box	Aluminium		
Bearing DE   NDE	6209 2ZC3	6209 2ZC3		Type of terminal box	TB1 J00		
Bearing lifetime	40000 h			Contact screw thread	M5		
Lubricants	Esso Unirex N3			Max. cross-sectional area	16.0 mm <sup>2</sup>		
Regreasing device	No			Cable diameter from ... to ...	19.0 mm - 28.0 mm		
Grease nipple	- / -			Cable entry	2xM40x1,5-1xM16x1,5		
Type of bearing	Locating bearing NDE			Cable gland	3 plugs		
Condensate drainage holes	No			Environmental conditions			
External earthing terminal	No			Ambient temperature	-20 °C - +40 °C		
Vibration class	A			Altitude above sea level	1000 m		
Insulation	155(F) to 130(B)			Special design			
Duty type	S1						
Direction of rotation	bidirectional						
Frame material	aluminum						
Data of anti condensation heating	-/-						
Coating	Special paint finish						
Color	RAL7030						
Motor protection	(B) 3 PTC thermistors - for tripping						
Method of cooling	IC411 - self ventilated, surface cooled						