



**Ordering data:** 1LE1003-1DA33-4AB4

**Motor type:** 1AV3163A

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>A</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>f</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	15.00	- / -	27.00	2960	48.4	91.9	91.9	90.9	0.87	0.84	0.76	8.7	2.7	4.3	IE3
690	Y	50	15.00	- / -	15.70	2960	48.4	91.9	91.9	90.9	0.87	0.84	0.76	8.7	2.7	4.3	IE3
460	Δ	60	17.30	- / -	27.00	3555	46.5	91.7	91.7	90.7	0.88	0.85	0.78	8.8	2.7	4.2	IE3

IM B3 / IM 1001		FS 160 M	84 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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Mechanical data			Terminal box		
Sound pressure level 50 Hz/60Hz (load)	70 db(A)	77 db(A)	Terminal box position	top	
Moment of inertia	0.061 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		<b>Environmental conditions</b>		
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)		<b>Special design</b>		
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				