



**Ordering data:** 1LE1003-1DA33-4FB4

**Motor type:** 1AV3163A

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	$\Delta / Y$	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			$I_A/I_N$	$M_A/M_N$	$M_K/M_N$	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4	$I_A/I_N$	$T_T/T_N$	$T_B/T_N$	
400	$\Delta$	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	$\Delta$	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 B5 / IM 3001		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		