



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

**Motor type:** 1AV3162B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	$\Delta$ / Y	f [Hz]	P		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
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4	$I_A/I_N$	$T_A/T_N$	$T_B/T_N$	
400	$\Delta$	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	$\Delta$	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
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### Mechanical data

Sound pressure level 50 Hz/60Hz (load)	65 db(A)	69 db(A)
Moment of inertia	0.083 kg m <sup>2</sup>	
Bearing DE   NDE	6209 2ZC3	6209 2ZC3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Locating bearing NDE	
Condensate drainage holes	No	
External earthing terminal	No	
Vibration class	A	
Insulation	155(F) to 130(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	

### Terminal box

Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 J00
Contact screw thread	M5
Max. cross-sectional area	16.0 mm <sup>2</sup>
Cable diameter from ... to ...	19.0 mm - 28.0 mm
Cable entry	2xM40x1,5-1xM16x1,5
Cable gland	3 plugs

### Special design

### Environmental conditions

Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

### Explosion protection

Type of protection	- / -
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