



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

**Motor type:** 1AV3163A

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			$I_A/I_N$ $I/I_N$	$M_A/M_N$ $T_i/T_N$	$M_K/M_N$ $T_B/T_N$	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
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 B3 / IM 1001	FS 160 M	84 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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### Mechanical data

Sound pressure level 50 Hz/60Hz (load)	70 db(A)   77 db(A)
Moment of inertia	0.061 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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