



**Ordering data:** 1LE1003-0EA02-2FA4

**Motor type:** 1AV3090A

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	$I_A/I_N$	$T_T/T_N$	$T_B/T_N$	
230	$\Delta$	50	1.50	- / -	5.20	2910	4.9	84.2	84.5	83.5	0.86	0.80	0.69	8.1	2.7	4.2	IE3
400	Y	50	1.50	- / -	3.00	2910	4.9	84.2	84.5	83.5	0.86	0.80	0.69	8.1	2.7	4.2	IE3
460	Y	60	1.75	- / -	2.95	3510	4.8	85.5	85.6	84.0	0.87	0.82	0.72	8.7	2.6	4.2	IE3

IM B5 / IM 3001		FS 90 S	15 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)	65 db(A)	69 db(A)	Terminal box position	top
Moment of inertia	0.0021 kg m <sup>2</sup>		Material of terminal box	Aluminium
Bearing DE   NDE	6205 2ZC3	6004 2ZC3	Type of terminal box	TB1 D00
Bearing lifetime	40000 h		Contact screw thread	M3,5
Lubricants	Esso Unirex N3		Max. cross-sectional area	1.5 mm <sup>2</sup>
Regreasing device	No		Cable diameter from ... to ...	9.0 mm - 17.0 mm
Grease nipple	- / -		Cable entry	1xM25x1,5
Type of bearing	Preloaded bearing NDE		Cable gland	1 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	(A) without (Standard)			
Method of cooling	IC411 - self ventilated, surface cooled			