



Ordering data: 1LE1003-1DA43-4FB4

Motor type: 1AV3164A

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 _A /I _N I _A /I _N	M _A /M _N T _T /T _N	M _K /M _N T _B /T _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	18.50	- / -	32.00	2955	60.0	92.4	92.4	91.4	0.90	0.88	0.83	9.0	2.8	4.2	IE3
690	Y	50	18.50	- / -	18.70	2955	60.0	92.4	92.4	91.4	0.90	0.88	0.83	9.0	2.8	4.2	IE3
460	Δ	60	21.30	- / -	32.00	3555	57.0	91.7	91.7	90.7	0.91	0.89	0.85	9.0	2.6	4.2	IE3

IM B5 / IM 3001		FS 160 L	94 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	0.068 kg m ²		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 ²
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		Environmental conditions	
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)		Special design	
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			