



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

Motor type: **1AV3163A**

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 _A /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	15.00	- / -	27.00	2960	48.5	91.9	92.1	91.2	0.87	0.83	0.74	8.7	2.7	4.3	IE3
690	Y	50	15.00	- / -	15.70	2960	48.5	91.9	92.1	91.2	0.87	0.83	0.74	8.7	2.7	4.3	IE3
460	Δ	60	17.30	- / -	27.00	3555	46.5	91.7	91.6	90.4	0.88	0.84	0.76	8.8	2.7	4.2	IE3
460	Δ	60	15.00	- / -	24.00	3565	40.0	91.0	90.5	88.8	0.87	0.82	0.73	10.0	3.2	4.9	IE3
IM B5 / IM 3001		FS 160 M		84 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

These values are calculated. The final rating plate data will be calculated when the order is placed
The efficiency values and efficiency class according to EuP directive are valid for standard power ratings under standard conditions.

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	70 dB(A)	77 dB(A)	Terminal box position	top
Moment of inertia	0.061 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		Special design	
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	Standard paint finish C2			
Color	RAL7030			
Motor protection	(B) 3 PTC thermistors - for tripping			
Method of cooling	IC411 - self ventilated, surface cooled			

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