



Ordering data: 1LE1003-1BB23-4AA4

Motor type: 1AV3112B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U	Δ/Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N	M _A /M _N	M _K /M _N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _A /I _N	T _f /T _N	T _B /T _N	
400	Δ	50	4.00	- / -	7.90	1460	26.0	88.6	89.2	88.6	0.82	0.76	0.65	7.1	2.4	3.7	IE3
690	Y	50	4.00	- / -	4.65	1460	26.0	88.6	89.2	88.6	0.82	0.76	0.65	7.1	2.4	3.7	IE3
460	Δ	60	4.55	- / -	7.70	1760	25.0	89.5	90.0	89.3	0.83	0.78	0.67	7.3	2.5	3.8	IE3
460	Δ	60	4.00	- / -	6.50	1770	19.0	89.5	89.4	87.7	0.80	0.73	0.61	8.2	2.9	4.3	IE3
IM B3 / IM 1001			FS 112 M		34 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

All values are calculated. The final rating plate data will be determined upon receipt of an order.
Efficiency factor and efficiency class according to EuP directive apply to rated power under standard conditions.

Mechanical data		
Sound pressure level 50Hz/60Hz (load)	58 dB(A)	62 dB(A)
Moment of inertia	0.017 kg m²	
Bearing DE NDE	6206 2ZC3	6206 2ZC3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing DE	
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	Standard paint finish C2	
Color	RAL7030	
Motor protection	(A) without (Standard)	
Method of cooling	IC411 - self ventilated, surface cooled	
Environmental conditions		
Ambient temperature	-20 °C - +40 °C	
Altitude above sea level	1000 m	

Terminal box	
Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 F00
Contact screw thread	M4
Max. cross-sectional area	4.0 mm²
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5
Cable gland	2 plugs
Special design	