



Ordering data: 1LE1002-1AA42-2FA4

Motor type: 1AV1104A

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	
230	Δ	50	3.00	- / -	10.70	2835	10.0	81.5	82.0	81.0	0.87	0.82	0.71	6.2	3.2	2.9	IE1
400	Y	50	3.00	- / -	6.10	2835	10.0	81.5	82.0	81.0	0.87	0.82	0.71	6.2	3.2	2.9	IE1
460	Y	60	3.45	- / -	5.80	3430	10.0	84.5	84.5	83.5	0.88	0.85	0.78	6.8	3.4	3.3	IE1
460	Y	60	3.00	- / -	0.00												IE1
IM B5 / IM 3001			FS 100 L		20 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		
Sound pressure level 50Hz/60Hz (load)	67 dB(A)	71 dB(A)
Moment of inertia	0.0034 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	

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

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