



Ordering data: 1LE1002-1DA43-4FA4

Motor type: 1AV1164A

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	18.50	- / -	35.00	2935	60.0	89.3	90.0	89.7	0.86	0.82	0.72	7.0	2.5	3.2	IE1
690	Y	50	18.50	- / -	20.50	2935	60.0	89.3	90.0	89.7	0.86	0.82	0.72	7.0	2.5	3.2	IE1
460	Δ	60	21.30	- / -	34.50	3530	58.0	89.5	89.5	88.5	0.87	0.84	0.76	7.2	2.4	3.2	IE1
460	Δ	60	18.50	- / -	0.00												IE1
IM B5 / IM 3001			FS 160 L		78 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)	70 dB(A)	77 dB(A)
Moment of inertia	0.044 kg m²	
Bearing DE NDE	6209 2ZC3	6209 2ZC3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Locating bearing NDE	
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 J00
Contact screw thread	M5
Max. cross-sectional area	16.0 mm²
Cable diameter from ... to ...	19.0 mm - 28.0 mm
Cable entry	2xM40x1,5
Cable gland	2 plugs

Special design

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