



Ordering data: 1LE1002-1DA43-4AA4

Motor type: 1AV1164A

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/I_N	M_A/M_N 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	- / -	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

IM B3 / IM 1001		FS 160 L	78 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
-----------------	--	----------	-------	------	--------------	------------------------

Mechanical data

Sound pressure level 50 Hz/60Hz (load)	70 db(A)	77 db(A)
Moment of inertia	0.044 kg m ²	
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	Special paint finish	
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 mm ²
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

Explosion protection

Type of protection	- / -
--------------------	-------