



Ordering data: 1LE1001-1AB52-2FA4-Z
F01+F11+Y53

Motor type: 1AV2105B

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	M _A /M _N	M _K /M _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4	I _A /I _N	T _V /T _N	T _B /T _N	
230	Δ	50	3.00	-/-	10.80	1455	20.0	85.5	85.5	84.5	0.82	0.77	0.67	6.9	2.0	3.1	IE2
400	Y	50	3.00	-/-	6.20	1455	20.0	85.5	85.5	84.5	0.82	0.77	0.67	6.9	2.0	3.1	IE2
460	Y	60	3.45	-/-	6.00	1755	19.0	87.5	87.5	86.5	0.82	0.77	0.67	7.5	2.0	3.1	IE2
460	Y	60	3.00	-/-	5.40	1765	16.0	87.5	87.5	86.5	0.79	0.74	0.63	8.3	2.4	3.7	IE2
IM B5 / IM 3001		FS 100 L		25 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data

Sound pressure level 50Hz/60Hz (load)	60 db(A) 62 db(A)
Moment of inertia	0.011 kg m ²
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	RAL5010
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 mm ²
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5-1xM16x1,5
Cable gland	3 plugs

Environmental conditions

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

Special design

F01	Mounting a brake
F11	Brake supply voltage, 230 V AC, 50/60 Hz
Y53	Paint finish in other standard RAL colours