



Ordering data: 1LE1003-1DB43-4FB4

Motor type: 1AV3164B

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ / Y	f [Hz]	P		I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N I _V /I _N	M _A /M _N T _V /T _N	M _K /M _N T _B /T _N	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	15.00	- / -	28.50	1475	97.0	92.1	92.1	91.1	0.82	0.77	0.67	8.5	2.5	3.8	IE3
690	Y	50	15.00	- / -	16.70	1475	97.0	92.1	92.1	91.1	0.82	0.77	0.67	8.5	2.5	3.8	IE3
460	Δ	60	17.30	- / -	28.00	1775	93.0	93.6	93.6	92.1	0.83	0.79	0.69	8.5	2.5	3.7	IE3
IM B5 / IM 3001		FS 160 L		100 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data

Sound pressure level 50 Hz/60Hz (load)	65 db(A) 69 db(A)
Moment of inertia	0,099 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	(B) 3 PTC thermistors - for tripping
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	2xM40x1,5-1xM16x1,5
Cable gland	3 plugs

Special design

Environmental conditions

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

Explosion protection

Type of protection	- / -
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