



Ordering data: **1LE1001-0DB32-2FB4**

Motor type: **1AV2083B**

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 <sub>A</sub> /I <sub>N</sub> I/I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>f</sub> /T <sub>N</sub>	M <sub>k</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	0.75	- / -	3.15	1440	5.0	79.6	79.6	78.6	0.76	0.70	0.58	5.6	2.2	3.1	IE2
400	Y	50	0.75	- / -	1.79	1440	5.0	79.6	79.6	78.6	0.76	0.70	0.58	5.6	2.2	3.1	IE2
460	Y	60	0.86	- / -	1.72	1740	4.7	82.5	82.5	81.5	0.76	0.70	0.58	6.2	2.2	3.3	IE2
460	Y	60	0.75	- / -	1.58	1750	4.1	82.5	82.5	81.5	0.72	0.63	0.52	6.8	2.5	3.8	IE2
IM B5 / IM 3001			FS 80 M		11 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data				Terminal box			
Sound pressure level 50Hz/60Hz (load)	53 db(A)	55 db(A)		Terminal box position	top		
Moment of inertia	0.0021 kg m <sup>2</sup>			Material of terminal box	Aluminium		
Bearing DE   NDE	6004 2ZC3	6004 2ZC3		Type of terminal box	TB1 D00		
Bearing lifetime	40000 h			Contact screw thread	M3,5		
Lubricants	Esso Unirex N3			Max. cross-sectional area	1.5 mm <sup>2</sup>		
Regreasing device	No			Cable diameter from ... to ...	9.0 mm - 17.0 mm		
Grease nipple	- / -			Cable entry	1xM25x1,5-1xM16x1,5		
Type of bearing	Preloaded bearing DE			Cable gland	2 plugs		
Condensate drainage holes	No			Environmental conditions			
External earthing terminal	No			Ambient temperature	-20 °C - +40 °C		
Vibration class	A			Altitude above sea level	1000 m		
Insulation	155(F) to 130(B)			Special design			
Duty type	S1						
Direction of rotation	bidirectional						
Frame material	aluminum						
Data of anti condensation heating	- / -						
Coating	Standard paint finish C2						
Color	RAL7030						
Motor protection	(B) 1 PTC thermistor - for tripping						
Method of cooling	IC411 - self ventilated, surface cooled						