



**Ordering data:** 1LE1003-1EB43-4FB4

**Motor type:** 1AV3184B

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 <sub>A</sub> /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				
400	Δ	50	22.00	- / -	41.00	1470	143.0	93.0	93.7	93.7	0.83	0.78	0.68	6.8	2.3	3.3	IE3
690	Y	50	22.00	- / -	24.00	1470	143.0	93.0	93.7	93.7	0.83	0.78	0.68	6.8	2.3	3.3	IE3
460	Δ	60	25.30	- / -	41.00	1770	136.0	93.6	94.2	94.1	0.83	0.79	0.70	6.9	2.2	3.2	IE3
460	Δ	60	22.00	- / -	36.50	1775	118.0	93.6	93.8	93.3	0.81	0.76	0.65	7.7	2.8	3.7	IE3
IM B5 / IM 3001			FS 180 L		142 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data			Terminal box		
Sound pressure level 50Hz/60Hz (load)	68 db(A)	70 db(A)	Terminal box position	top	
Moment of inertia	0.14 kg m <sup>2</sup>		Material of terminal box	Aluminium	
Bearing DE   NDE	6210 ZC3	6210 ZC3	Type of terminal box	TB1 J00	
Bearing lifetime	40000 h		Contact screw thread	M5	
Lubricants	Esso Unirex N3		Max. cross-sectional area	16.0 mm <sup>2</sup>	
Regreasing device	No		Cable diameter from ... to ...	19.0 mm - 28.0 mm	
Grease nipple	- / -		Cable entry	2xM40x1,5-1xM16x1,5	
Type of bearing	Locating bearing NDE		Cable gland	3 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) 3 PTC thermistors - for tripping				
Method of cooling	IC411 - self ventilated, surface cooled				