



**Ordering data:** 1LE1001-1DB43-4FB4-Z  
F01+F12+Y53

**Motor type:** 1AV2164B

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>L</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	15.00	- / -	28.00	1475	97.0	90.6	90.6	89.6	0.85	0.81	0.73	7.3	2.3	3.0	IE2
690	Y	50	15.00	- / -	16.30	1475	97.0	90.6	90.6	89.6	0.85	0.81	0.73	7.3	2.3	3.0	IE2
460	Δ	60	17.30	- / -	27.50	1775	93.0	92.4	92.4	91.4	0.86	0.83	0.75	7.7	2.3	2.9	IE2
460	Δ	60	15.00	- / -	24.50	1780	80.0	91.0	91.0	90.0	0.84	0.80	0.71	8.5	2.6	3.4	IE2
IM B5 / IM 3001			FS 160 L		83 kg	IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data				Terminal box			
Sound pressure level 50Hz/60Hz (load)	65 db(A)	69 db(A)		Terminal box position	top		
Moment of inertia	0.083 kg m <sup>2</sup>			Material of terminal box	Aluminium		
Bearing DE   NDE	6209 2ZC3	6209 2ZC3		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			F01	Mounting a brake		
Direction of rotation	bidirectional			F12	Brake supply voltage 400 V AC, 50/60 Hz		
Frame material	aluminum			Y53	Paint finish in other standard RAL colours		
Data of anti condensation heating	- / -						
Coating	Standard paint finish C2						
Color	RAL5010						
Motor protection	(B) 3 PTC thermistors - for tripping						
Method of cooling	IC411 - self ventilated, surface cooled						