



Ordering data: **1LE1003-1DB43-4AB4-Z**
L22

Motor type: **1AV3164B**

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 I _{/I_N}	M _A /M _N T _{/T_N}	M _K /M _N T _B /T _N	IE-CL
								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
460	Δ	60	15.00	- / -	25.00	1780	80.0	93.0	93.0	91.5	0.81	0.76	0.66	9.5	2.9	4.3	IE3
IM B3 / IM 1001		FS 160 L		100 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	0.099 kg m ²			Material of terminal box	Aluminium
Bearing DE NDE	6309 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 ²
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			L22	Bearing design for increased cantilever forces
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				