



MLFB-Ordering data: **1LE1001-1DA63-4FA4**

Motor type: **1AV2166A**

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 _r /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	22.00	- / -	39.00	2955	71.0	91.3	91.8	91.4	0.89	0.86	0.79	8.4	3.1	3.7	IE2
690	Y	50	22.00	- / -	23.00	2955	71.0	91.3	91.8	91.4	0.89	0.86	0.79	8.4	3.1	3.7	IE2
460	Δ	60	25.30	- / -	39.00	3555	68.0	91.0	91.2	90.5	0.90	0.88	0.81	8.4	3.1	3.7	IE2
460	Δ	60	22.00	- / -	34.00	3565	59.0	91.0	91.0	89.9	0.89	0.87	0.81	9.6	3.6	4.3	IE2
IM B5 / IM 3001		FS 160 L		94 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	70 dB(A)	77 dB(A)	Terminal box position	top
Moment of inertia	0.068 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6209 2Z C3	6209 2Z C3	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
Type of bearing	Locating bearing NDE		Cable gland	2 plugs
Condensate drainage holes	No		Special design	
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	Standard paint finish C2			
Color	RAL7030			
Motor protection	(A) without (Standard)			
Method of cooling	IC411 - self ventilated, surface cooled			

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