



MLFB-Ordering data: **1LE1002-1DB23-4AA4**

Motor type: **1AV1162B**

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			$I_A/I_N$   $I/I_N$	$M_A/M_N$   $T_f/T_N$	$M_k/M_N$   $T_B/T_N$	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	11.00	- / -	22.50	1460	72.0	87.6	87.9	86.7	0.81	0.74	0.61	6.9	2.7	3.3	IE1
690	Y	50	11.00	- / -	13.00	1460	72.0	87.6	87.9	86.7	0.81	0.74	0.61	6.9	2.7	3.3	IE1
460	Δ	60	12.60	- / -	22.00	1760	68.0	88.5	88.7	87.6	0.82	0.76	0.64	7.3	2.5	3.4	IE1
IM B3 / IM 1001			FS 160 M		62 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	65 dB(A) <sup>1)</sup>	69 dB(A) <sup>1)</sup>	Terminal box position	top
Moment of inertia	0.044 kg m <sup>2</sup>		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	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
Type of bearing	Locating bearing NDE		Cable gland	2 plugs
Condensate drainage holes	No		Special design (0)	
External earthing terminal				
Vibration severity grade	A			
Insulation	155(F) to 130(B)			
Duty type	S1			
Direction of rotation	bidirectional			
Frame material	aluminum			
Data of anti condensation heating	-/-			
Coating (paint finish)	Standard paint finish C2			
Color, paint shade	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

Notes	
$I_A/I_N$ = locked rotor current / current nominal	$M_k/M_N$ = break down torque / nominal torque
$M_A/M_N$ = locked rotor torque / torque nominal	1) Value is valid only for DOL operation with motor design IC411