



**MLFB-Ordering data:** 1LE1003-1BA23-4AA4-Z  
G40+H01

**Motor type:** 1AV3112A

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			$I_A/I_N$		$M_A/M_N$		IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4	$I_A/I_N$	$I_B/I_N$	$T_A/T_N$	$T_B/T_N$	
400	Δ	50	4.00	- / -	7.30	2945	13.0	88.1	89.1	88.7	0.90	0.88	0.81	8.2	1.8	3.5	IE3	
690	Y	50	4.00	- / -	4.25	2945	13.0	88.1	89.1	88.7	0.90	0.88	0.81	8.2	1.8	3.5	IE3	
460	Δ	60	4.55	- / -	7.30	3545	12.0	87.5	88.1	87.3	0.90	0.87	0.81	8.5	2.0	3.7	IE2	
460	Δ	60	4.00	- / -	6.00	3560	10.0	88.5	88.2	86.6	0.88	0.84	0.76	10.3	2.5	4.5	IE3	
IM B3 / IM 1001		FS 112 M		34 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN									

### Mechanical data

Sound pressure level 50Hz/60Hz (load)	69 dB(A)	73 dB(A)
Moment of inertia	0.012 kg m <sup>2</sup>	
Bearing DE   NDE	6206 2Z C3	6206 2Z C3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing DE	
Condensate drainage holes	No	
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	

### Terminal box

Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 F00
Contact screw thread	M4
Max. cross-sectional area	4.0 mm <sup>2</sup>
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5
Cable gland	2 plugs

### Special design

G40	Prepared for mounted components, only centering hole
H01	Bolted on mounting feet (instead of cast)

### Environmental conditions

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