



MLFB-Ordering data: 1LE1003-1DB23-4AA4-Z
G40+H01

Motor type: 1AV3162B

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	- / -	20.50	1475	71.0	91.4	91.9	91.4	0.84	0.80	0.70	6.8	2.2	3.2	IE3
690	Y	50	11.00	- / -	12.00	1475	71.0	91.4	91.9	91.4	0.84	0.80	0.70	6.8	2.2	3.2	IE3
460	Δ	60	12.60	- / -	20.00	1775	68.0	92.4	92.7	92.1	0.85	0.81	0.73	7.1	2.0	3.2	IE3
460	Δ	60	11.00	- / -	18.00	1780	59.0	92.4	92.4	91.3	0.83	0.78	0.68	7.9	2.3	3.7	IE3
IM B3 / IM 1001		FS 160 M		83 kg	IP55	CC032A	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	0.071 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		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Special design </div> <p>G40 Prepared for mounted components, only centering hole</p> <p>H01 Bolted on mounting feet (instead of cast)</p>	
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