



MLFB-Ordering data: 1LE1003-0DA22-2FA4-Z
D40+H03+H04

Motor type: 1AV3082A

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 _A /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				
230	Δ	50	0.75	- / -	2.70	2850	2.5	80.7	82.2	81.9	0.86	0.82	0.73	6.2	2.6	3.0	IE3
400	Y	50	0.75	- / -	1.56	2850	2.5	80.7	82.2	81.9	0.86	0.82	0.73	6.2	2.6	3.0	IE3
460	Y	60	0.86	- / -	1.63	3450	2.4	77.0	78.0	77.2	0.86	0.82	0.73	6.4	2.6	3.1	IE3
460	Y	60	0.75	- / -	1.45	3480	2.0	77.0	77.2	75.7	0.84	0.79	0.70	7.1	3.0	3.6	MG1
IM B5 / IM 3001		FS 80 M		11 kg		IP55		IEC/EN 60034			IEC, EN, CSA						

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	60 dB(A) ¹⁾	64 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.0011 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6004 2Z C3	6004 2Z C3	Type of terminal box	TB1 E00
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Unirex N3		Max. cross-sectional area	1.5 mm ²
Regreasing device	No		Cable diameter from ... to ...	9.0 mm - 17.0 mm
Grease nipple	- / -		Cable entry	1xM25x1,5
Type of bearing	Preloaded bearing DE		Cable gland	1 plug
Condensate drainage holes	Yes		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Special design (3) </div>	
External earthing terminal	Yes			
Vibration severity grade	A			
Insulation	155(F) to 130(B)		D40	Canadian regulations (CSA)
Duty type	S1		H03	Condensation drain holes in end shield
Direction of rotation	bidirectional		H04	External grounding at housing
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

