



MLFB-Ordering data: **1LE1003-0DC22-2AA4-Z H03**

Motor type: **1AV3082C**

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 I/I _N	M _A /M _N T _f /T _N	M _k /M _N T _B /T _N	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	0.37	- / -	1.92	940	3.8	73.5	73.1	69.4	0.66	0.57	0.44	4.2	2.3	2.7	IE3
400	Y	50	0.37	- / -	1.10	940	3.8	73.5	73.1	69.4	0.66	0.57	0.44	4.2	2.3	2.7	IE3
460	Y	60	0.43	- / -	1.09	1140	3.6	75.3	74.9	71.5	0.66	0.57	0.45	4.6	2.3	2.8	IE3
460	Y	60	0.37	- / -	1.01	1150	3.1	75.3	74.3	70.0	0.61	0.52	0.40	5.0	2.7	3.3	IE3
IM B3 / IM 1001		FS 80 M		12 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	42 dB(A)	45 dB(A)	Terminal box position	top
Moment of inertia	0.0025 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	Esso 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 (1) H03 Condensation drain holes in end shield </div>	
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

