

Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



L (standard motor)

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L (motor w/brake)

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L (motor w/forced ventilation)

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L (motor without ventilation)

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Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T

Electrical Data

Type	PE31/UM3A*	
	80M2-2	
Poles	2/3000	Poles
Power	1.10	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2835	rpm
Nominal current	2.31	A
Power factor	0.83	
Efficiency 100%	82.7	%
Efficiency 75%	82.4	%
Efficiency 50%	80.4	%
Torque	3.71	N.m
Ta/Tn	2.3	
Ia/In	7.3	
Tm/Tn	2.3	

Mechanical Data

Shaft height		
Construction form		
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	74	dB(A)
Weight	12	kg
Bearing DE		
Bearing NDE		

Extra Data

Applicable brakes

DC brake	REB-05-08	Brake torque	8	N.m
AC brake	NA	Brake torque	NA	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	45	W
Three-phase forced ventilation	Power	45	W