

Technical Data Sheet
Electric Motor Three phase in Aluminum IE2



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	HE31/UMHA* 80M3-4	
Poles	4/1500	Poles
Power	1.10	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1410	rpm
Nominal current	2.50	A
Power factor	0.78	
Efficiency 100%	81.4	%
Efficiency 75%	83.1	%
Efficiency 50%	82.4	%
Torque	7.45	N.m
Ta/Tn	2.5	
Ia/In	5.5	
Tm/Tn	2.7	

Mechanical Data

Shaft height		
Construction form		
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	66	dB(A)
Weight	13.8	kg
Bearing DE		
Bearing NDE		

Extra Data

Applicable brakes

DC brake	REB-05-08	Brake torque	8	N.m
AC brake	AC3	Brake torque	15	N.m

Applicable forced ventilations

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