

Technical Data Sheet
Electric Motor Three phase in Aluminum IE2



L (standard motor)

400

L (motor w/brake)

470

L (motor w/forced ventilation)

510

L (motor without ventilation)

342

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
112	190	140	70	12	28j6	60	8	24	31	M10x22	227	183	220	279	-	-	-	-	-

Electrical Data

Type	UM2A 112M2-4	
Poles	4/1500	Poles
Power	5.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1440	rpm
Nominal current	11.30	A
Power factor	0.80	
Efficiency 100%	87.8	%
Efficiency 75%	88.6	%
Efficiency 50%	88.1	%
Torque	36.47	N.m
Ta/Tn	3.7	
Ia/In	8.3	
Tm/Tn	3.6	

Mechanical Data

Shaft height	112
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	71 dB(A)
Weight	36.7 kg
Bearing DE	6306 ZZ C3
Bearing NDE	6206 ZZ C3

Extra Data

Applicable brakes

DC brake	REB-05-14	Brake torque	60	N.m
AC brake	AC6	Brake torque	60	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	80	W
Three-phase forced ventilation	Power	80	W

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