

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE1



L (standard motor)

425

L (motor w/brake)

485

L (motor w/forced ventilation)

530

L (motor without ventilation)

350

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	230	180	220	300	-	-	-	-	-

### Electrical Data

Type	EM30 112M-2	
Poles	2/3000	Poles
Power	4.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2880	rpm
Nominal current	7.79	A
Power factor	0.88	
Efficiency 100%	84.2	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	13.26	N.m
Ta/Tn	2.2	
Ia/In	7.5	
Tm/Tn	2.3	

### 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	77 dB(A)
Weight	41 kg
Bearing DE	6306 2Z C3
Bearing NDE	6306 2Z 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

Universal Motors S.A.  
Rua Comendador Brandão, 484  
4495-375 Póvoa de Varzim  
[geral@universalmotors.pt](mailto:geral@universalmotors.pt)  
TEL.: 252 299 080

Universal Motors UK, Ltd  
Unit E2, Meltham Mills Road  
West Yorkshire HD9 4AR  
[enquiries@universalmotors-group.co.uk](mailto:enquiries@universalmotors-group.co.uk)  
TEL.: +44(0) 1484660222

Universal Motors SL  
C/La Habana n.6 nave 4 PI Camporoso  
28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
TEL.: 918 864 213