

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE2



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	HE30 112M-4	
Poles	4/1500	Poles
Power	4.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1445	rpm
Nominal current	8.30	A
Power factor	0.81	
Efficiency 100%	86.6	%
Efficiency 75%	87.3	%
Efficiency 50%	86.0	%
Torque	26.4	N.m
Ta/Tn	2.3	
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	65 dB(A)
Weight	80 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
TEL.: 252 299 080

Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
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
TEL.: 918 864 213