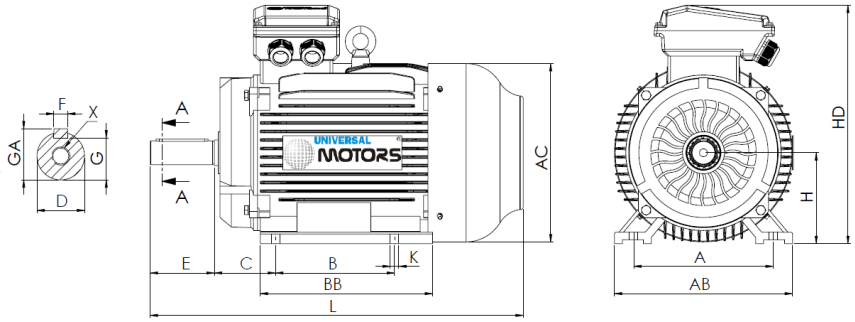
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



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-4	
Poles	4/1500	Poles
Power	4.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1435	rpm
Nominal current	8.36	A
Power factor	0.82	
Efficiency 100%	84.2	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	26.62	N.m
Ta/Tn	2.3	
Ia/In	7.0	
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.	-10ºC-40ºC	
Altitude	1000	
Noise	65	dB(A)
Weight	42	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 Pl Camporroso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213