

Technical Data Sheet  
 Electric Motor Three phase in Aluminum IE4



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	UM4A 112M1-8	
Poles	8/750	Poles
Power	1.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	715	rpm
Nominal current	4.16	A
Power factor	0.63	
Efficiency 100%	82.6	%
Efficiency 75%	82.3	%
Efficiency 50%	79.5	%
Torque	20.03	N.m
Ta/Tn	2.5	
Ia/In	5.1	
Tm/Tn	3	

**Mechanical Data**

Shaft height	112
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	61 dB(A)
Weight	33 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

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