

Technical Data Sheet  
 Electric Motor Three phase in Aluminum IE1



L (standard motor)

245

L (motor w/brake)

300

L (motor w/forced ventilation)

350

L (motor without ventilation)

212

Feet					Shaft							Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T	
71	112	90	45	7	14j6	30	5	11	16	M5x12	142	110	138	198	-	-	-	-	-	

**Electrical Data**

Type	UM1A 71M2-8	
Poles	8/750	Poles
Power	0.12	Kw
Voltage	400	V
Frequency	50	Hz
Speed	690	rpm
Nominal current	0.68	A
Power factor	0.60	
Efficiency 100%	42.3	%
Efficiency 75%	36.6	%
Efficiency 50%	27.7	%
Torque	1.66	N.m
Ta/Tn	1.8	
Ia/In	2.5	
Tm/Tn	2.2	

**Mechanical Data**

Shaft height	71
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	50 dB(A)
Weight	6 kg
Bearing DE	6202 2Z C3
Bearing NDE	6202 2Z C3

**Extra Data**

**Applicable brakes**

DC brake	REB-05-06	Brake torque	4	N.m
AC brake	AC2	Brake torque	10	N.m

**Applicable forced ventilations**

Single-phase forced ventilation	Power	35	W
Three-phase forced ventilation	Power	35	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