

Technical Data Sheet
Electric Motor Three phase in Aluminum IE4



L (standard motor)

500

L (motor w/brake)

590

L (motor w/forced ventilation)

620

L (motor without ventilation)

438

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
132	216	178	89	12	38k6	80	10	33	41	M12x18	265	230	259	318	-	-	-	-	-

Electrical Data

Type	UM4A 132M-4
Poles	4/1500 Poles
Power	7.50 Kw
Voltage	400 V
Frequency	50 Hz
Speed	1470 rpm
Nominal current	14.44 A
Power factor	0.81
Efficiency 100%	92.6 %
Efficiency 75%	92.8 %
Efficiency 50%	92.2 %
Torque	48.72 N.m
Ta/Tn	4.4
Ia/In	10.2
Tm/Tn	2.2

Mechanical Data

Shaft height	132
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	71 dB(A)
Weight	74 kg
Bearing DE	6308 ZZ C3
Bearing NDE	6208 ZZ C3

Extra Data

Applicable brakes

DC brake	REB-05-16	Brake torque	80	N.m
AC brake	AC7	Brake torque	90	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	55	W
Three-phase forced ventilation	Power	55	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