

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE3



L (standard motor)

540

L (motor w/brake)

685

L (motor w/forced ventilation)

645

L (motor without ventilation)

513

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	M12x28	270	225	259	349	-	-	-	-	-

Electrical Data

Type	PE30/UM3C*	
	132M-4	
Poles	4/1500	Poles
Power	7.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1470	rpm
Nominal current	14.30	A
Power factor	0.84	
Efficiency 100%	90.4	%
Efficiency 75%	91.0	%
Efficiency 50%	90.0	%
Torque	48.7	N.m
Ta/Tn	2	
Ia/In	7.5	
Tm/Tn	2.3	

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	94	kg
Bearing DE	6308 2Z C3	
Bearing NDE	6308 2Z 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 Pl Camporoso
 28806 Alcala de Henares
info@universalmotors-group.es
 TEL.: 918 864 213