

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*	
	132M1-6	
Poles	6/1000	Poles
Power	4.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	960	rpm
Nominal current	8.99	A
Power factor	0.74	
Efficiency 100%	86.8	%
Efficiency 75%	87.5	%
Efficiency 50%	86.2	%
Torque	39.4	N.m
Ta/Tn	2	
Ia/In	6.8	
Tm/Tn	2.1	

### 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	69	dB(A)
Weight	74	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](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 Pl Camporoso  
28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
TEL.: 918 864 213