

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*	
	132M2-6	
Poles	6/1000	Poles
Power	5.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	960	rpm
Nominal current	12.02	A
Power factor	0.75	
Efficiency 100%	88.0	%
Efficiency 75%	88.5	%
Efficiency 50%	87.5	%
Torque	54.7	N.m
Ta/Tn	2	
Ia/In	7.0	
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	81.5 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