

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

445

L (motor w/brake)

550

L (motor w/forced ventilation)

550

L (motor without ventilation)

410

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
112	190	140	70	12	28j6	60	8	24	31	M10x22	230	180	220	300	-	-	-	-	-

Electrical Data

Type	PE30/UM3C*
	112M-8
Poles	8/750
Power	1.50
Voltage	400
Frequency	50
Speed	690
Nominal current	3.90
Power factor	0.70
Efficiency 100%	79.7
Efficiency 75%	79.9
Efficiency 50%	74.6
Torque	20.76
Ta/Tn	1.8
Ia/In	5.0
Tm/Tn	2

Mechanical Data

Shaft height	112
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	61
Weight	47.5
Bearing DE	6306 2Z C3
Bearing NDE	6306 2Z C3

Extra Data

Applicable brakes

DC brake	REB-05-14	Brake torque	60	N.m
AC brake	AC6	Brake torque	60	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	80	W
Three-phase forced ventilation	Power	80	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