

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

390

L (motor w/brake)

495

L (motor w/forced ventilation)

495

L (motor without ventilation)

375

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
90	140	125	56	10	24j6	50	8	20	27	M8x19	180	165	177	250	-	-	-	-	-

Electrical Data

Type	PE30/UM3C* 90L-6	
Poles	6/1000	Poles
Power	1.10	Kw
Voltage	400	V
Frequency	50	Hz
Speed	905	rpm
Nominal current	2.69	A
Power factor	0.73	
Efficiency 100%	81.0	%
Efficiency 75%	81.8	%
Efficiency 50%	79.8	%
Torque	11.6	N.m
Ta/Tn	2	
Ia/In	6.0	
Tm/Tn	2.1	

Mechanical Data

Shaft height	90	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	57	dB(A)
Weight	31	kg
Bearing DE	6205 2Z C3	
Bearing NDE	6205 2Z C3	

Extra Data

Applicable brakes

DC brake	REB-05-10	Brake torque	16	N.m
AC brake	AC4	Brake torque	20	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	45	W
Three-phase forced ventilation	Power	45	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