

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE1



L (standard motor)

365

L (motor w/brake)

470

L (motor w/forced ventilation)

475

L (motor without ventilation)

350

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	EM30 90L-6	
Poles	6/1000	Poles
Power	1.10	Kw
Voltage	400	V
Frequency	50	Hz
Speed	905	rpm
Nominal current	3.02	A
Power factor	0.73	
Efficiency 100%	72.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	11.61	N.m
Ta/Tn	2	
Ia/In	5.5	
Tm/Tn	2.1	

### Mechanical Data

Shaft height	90
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	57 dB(A)
Weight	23 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](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 PI Camporoso  
 28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
 TEL.: 918 864 213