

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE1



L (standard motor)

790

L (motor w/brake)

985

L (motor w/forced ventilation)

945

L (motor without ventilation)

695

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
200	318	305	133	19	55m6	110	16	49	59	M20x42	385	370	397	505	-	-	-	-	-

Electrical Data

Type	EM30 200L1-6	
Poles	6/1000	Poles
Power	18.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	980	rpm
Nominal current	36.65	A
Power factor	0.81	
Efficiency 100%	90.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	180.27	N.m
Ta/Tn	2.1	
Ia/In	7.0	
Tm/Tn	2.1	

Mechanical Data

Shaft height	200
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	76 dB(A)
Weight	202 kg
Bearing DE	6312 C3
Bearing NDE	6312 C3

Extra Data

Applicable brakes

DC brake	K8D	Brake torque	400	N.m
AC brake	AC8D	Brake torque	400	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	110	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