

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE4



L (standard motor)

810

L (motor w/brake)

965

L (motor w/forced ventilation)

895

L (motor without ventilation)

715

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
180	279	279	121	15	48k6	110	14	42.5	51.5	M16x36	355	350	355	455	-	-	-	-	-

**Electrical Data**

Type	UM4C 180L-8	
Poles	8/750	Poles
Power	11.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	735	rpm
Nominal current	23.70	A
Power factor	0.74	
Efficiency 100%	90.4	%
Efficiency 75%	88.6	%
Efficiency 50%	87.7	%
Torque	142.925170068027 N.m	
Ta/Tn	1.8	
Ia/In	7.9	
Tm/Tn	2	

**Mechanical Data**

Shaft height	180
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	70 dB(A)
Weight	216 kg
Bearing DE	6311 C3
Bearing NDE	6311 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	85	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