

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE4



L (standard motor)

1335

L (motor w/brake)

1545

L (motor w/forced ventilation)

1515

L (motor without ventilation)

1160

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
315	508	457	216	28	80m6	170	22	71	85	M20x42	635	680	620	845	-	-	-	-	-

Electrical Data

Type	UM4C 315M-8	
Poles	8/750	Poles
Power	75.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	740	rpm
Nominal current	143.60	A
Power factor	0.80	
Efficiency 100%	94.2	%
Efficiency 75%	94.6	%
Efficiency 50%	93.1	%
Torque	967.8	N.m
Ta/Tn	1.6	
Ia/In	7.6	
Tm/Tn	2	

Mechanical Data

Shaft height	315
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	82 dB(A)
Weight	1094 kg
Bearing DE	NU 319
Bearing NDE	6319 C3

Extra Data

Applicable brakes

DC brake	K11D	Brake torque	2000/2800 N.m
AC brake	NA	Brake torque	NA N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	450	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