Technical Data Sheet
Electric Motor Three phase in Cast Iron IE2

L (standard motor)
-

L (motor w/brake)
-

L (motor w/forced ventilation)
-

L (motor without ventilation)
-

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T

Electrical Data

Type	HE30 315S-2	
Poles	2/3000	Poles
Power	110.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2975	rpm
Nominal current	187.10	A
Power factor	0.90	
Efficiency 100%	94.3	%
Efficiency 75%	94.5	%
Efficiency 50%	93.4	%
Torque	353.1	N.m
Ta/Tn	2	
Ia/In	7.0	
Tm/Tn	2.2	

Mechanical Data

Shaft height		
Construction form		
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	92	dB(A)
Weight	840	kg
Bearing DE		
Bearing NDE		

Extra Data

Applicable brakes

DC brake	NA	Brake torque	NA	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 Pl Camporroso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213