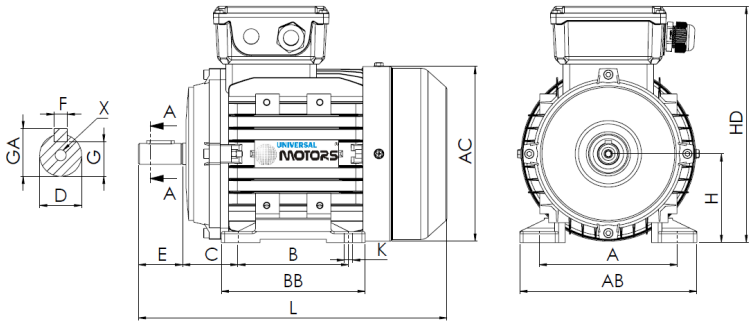
Technical Data Sheet
Electric Motor Three phase in Aluminum IE2



L (standard motor)
417

L (motor w/brake)
520

L (motor w/forced ventilation)
515

L (motor without ventilation)
370

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
112	190	140	70	12	28j6	60	8	24	31	M10x22	220	180	230	286	-	-	-	-	-

Electrical Data

Type	HE31/UMHA* 112M2-4	
Poles	4/1500	Poles
Power	5.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1440	rpm
Nominal current	10.52	A
Power factor	0.86	
Efficiency 100%	87.7	%
Efficiency 75%	89.2	%
Efficiency 50%	89.0	%
Torque	36.47	N.m
Ta/Tn	3	
Ia/In	8.0	
Tm/Tn	3.1	

Mechanical Data

Shaft height	112	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	75	dB(A)
Weight	41.2	kg
Bearing DE	6306 2Z C3	
Bearing NDE	6306 2Z C3	

Extra Data

Applicable brakes

DC brake	REB-05-14	Brake torque	60	N.m
AC brake	AC6	Brake torque	60	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	80	W
Three-phase forced ventilation	Power	80	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