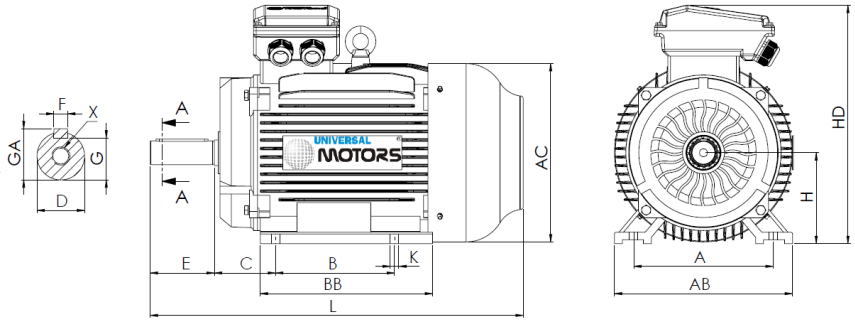
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



L (standard motor)
645

L (motor w/brake)
755

L (motor w/forced ventilation)
765

L (motor without ventilation)
555

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
160	254	210	108	15	42k6	110	12	37	45	M16x36	320	258	315	420	-	-	-	-	-

Electrical Data

Type	EM30 160M1-8	
Poles	8/750	Poles
Power	4.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	720	rpm
Nominal current	9.76	A
Power factor	0.73	
Efficiency 100%	81.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	53.05	N.m
Ta/Tn	1.9	
Ia/In	6.0	
Tm/Tn	2	

Mechanical Data

Shaft height	160	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	68	dB(A)
Weight	96	kg
Bearing DE	6309 C3	
Bearing NDE	6309 C3	

Extra Data

Applicable brakes

DC brake	K8	Brake torque	200	N.m
AC brake	AC8	Brake torque	200	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	60	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 Camporroso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213