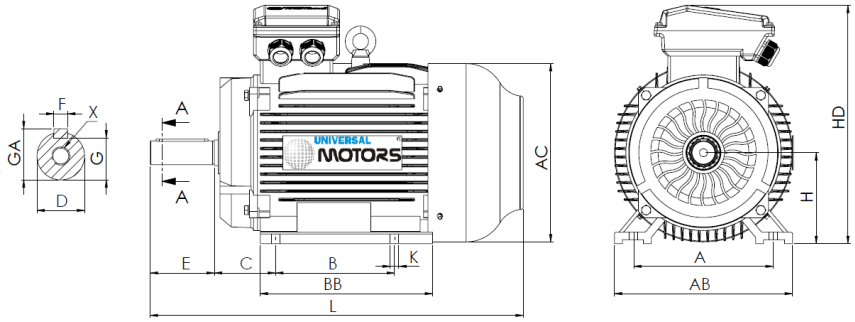
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)
950

L (motor w/brake)
1150

L (motor w/forced ventilation)
1070

L (motor without ventilation)
850

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
250	406	349	168	24	65m6	140	18	58	69	M20x42	490	485	485	615	-	-	-	-	-

Electrical Data

Type	PE30/UM3C* 250M-8	
Poles	8/750	Poles
Power	30.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	735	rpm
Nominal current	60.00	A
Power factor	0.79	
Efficiency 100%	91.3	%
Efficiency 75%	91.5	%
Efficiency 50%	90.6	%
Torque	389.77	N.m
Ta/Tn	1.9	
Ia/In	6.5	
Tm/Tn	2	

Mechanical Data

Shaft height	250	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	75	dB(A)
Weight	426	kg
Bearing DE	6314 C3	
Bearing NDE	6314 C3	

Extra Data

Applicable brakes

DC brake	K10	Brake torque	500-800	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	200	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