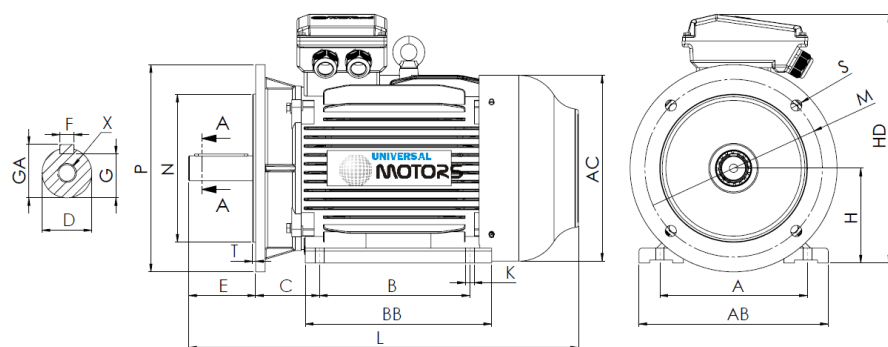


Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



L (standard motor)

1060

L (motor w/brake)

NA

L (motor w/forced ventilation)

1215

L (motor without ventilation)

940

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
280	457	419	190	24	75m6	140	20	67.5	79.5	M20x42	550	535	547	680	500	450	550	8x19	5

Electrical Data

Type	UM4C 280M-4	
Poles	4/1500	Poles
Power	90.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1485	rpm
Nominal current	153.61	A
Power factor	0.88	
Efficiency 100%	96.1	%
Efficiency 75%	96.3	%
Efficiency 50%	95.4	%
Torque	578.7	N.m
Ta/Tn	2	
Ia/In	8.5	
Tm/Tn	2.3	

Mechanical Data

Shaft height	280
Construction form	B35
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	80 dB(A)
Weight	697 kg
Bearing DE	6317 C3
Bearing NDE	6317 C3

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	270	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