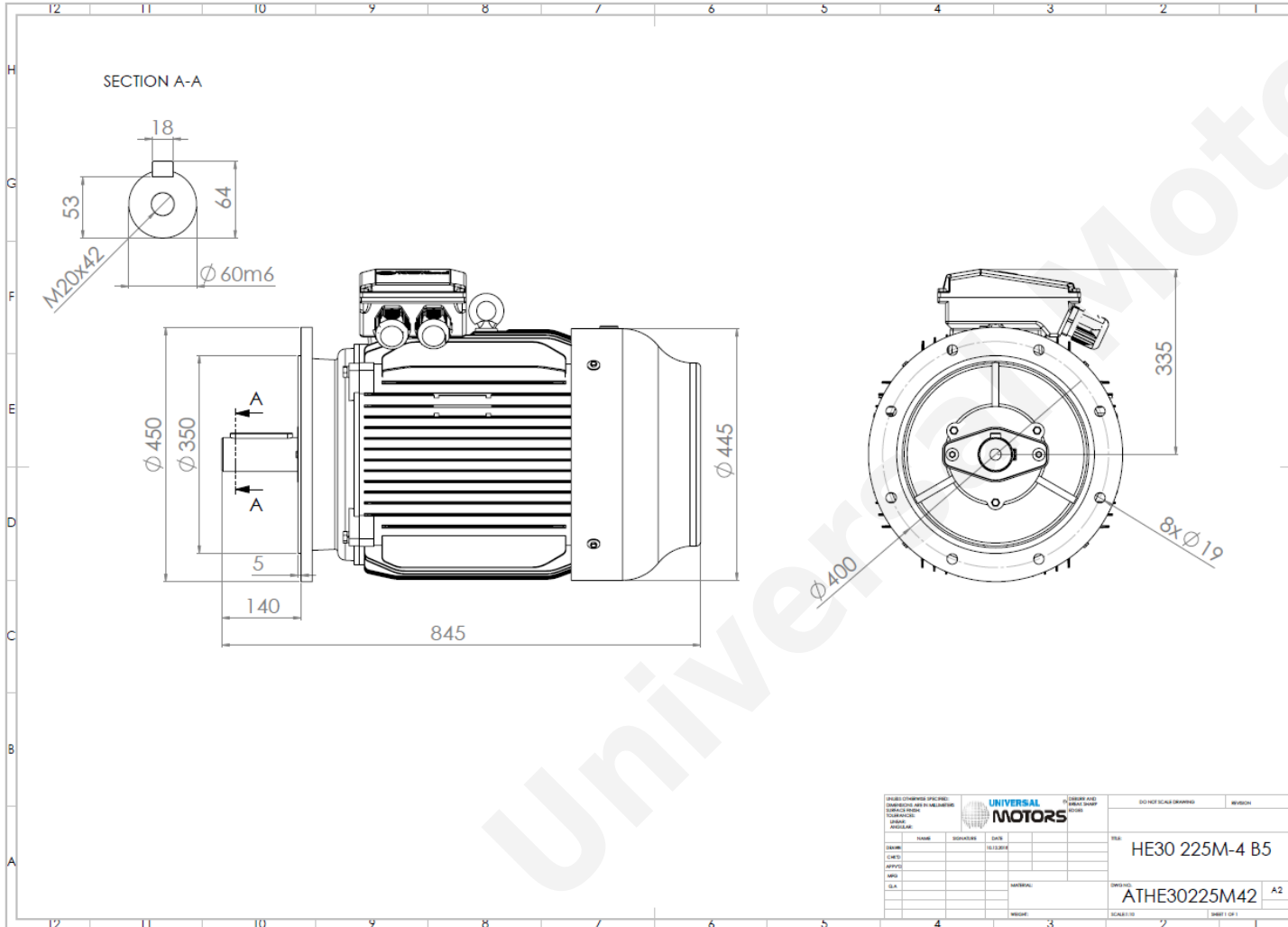




# TECHNICAL DATA

Three Phase Electric Motors - Cast Iron Frame  
 HE30 225 M-4 IE2  
 45 kW / 60 Cv  
 1480 RPM



Motor type:	<b>HE30 225 M-4 IE2</b>
Output:	<b>45 kW / 60 Cv</b>
Speed (min <sup>-1</sup> ):	<b>1480 RPM</b>
Frequency:	<b>50 Hz</b>
Voltage:	<b>400 V</b>
Current:	<b>81.1 A</b>
Power factor (Cos Ø):	<b>0.86</b>
Poles:	<b>4</b>
Insulation class:	<b>F</b>
Temperature rise Class:	<b>B</b>
Efficiency 50%:	<b>92.7 %</b>
Efficiency 75%:	<b>93.3 %</b>
Efficiency 100%:	<b>93.1 %</b>
Torque:	<b>290 N.m</b>
Tstarting/Tnominal:	<b>2.2</b>
Istarting/Inominal:	<b>7.6</b>
Tmaximum/Tnominal:	<b>2.3</b>
Noise:	<b>67 Db(A)</b>
Weight:	<b>344 Kg</b>
Bearing DE:	<b>6313 C3</b>
Bearing NDE:	<b>6313 C3</b>

UNIVERSAL MOTORS		DO NOT SCALE DRAWING		REVISION
DESIGN	NAME	DATE	SCALE	NO.
CH-01				HE30 225M-4 B5
DATE				
NO.				
SLA				
MATERIAL		DRAWING		A2
ATHE30225M42				
WEIGHT	SCALE	SHEET		OF 1

**Regime - S1**

**Altitude - 1000m**

**Environment Temperature - 40°C**

**CONTACTS:**

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 4480-782 VILA DO CONDE Mail: [geral@universalmotors.pt](mailto:geral@universalmotors.pt)

\* References applied only in the UK