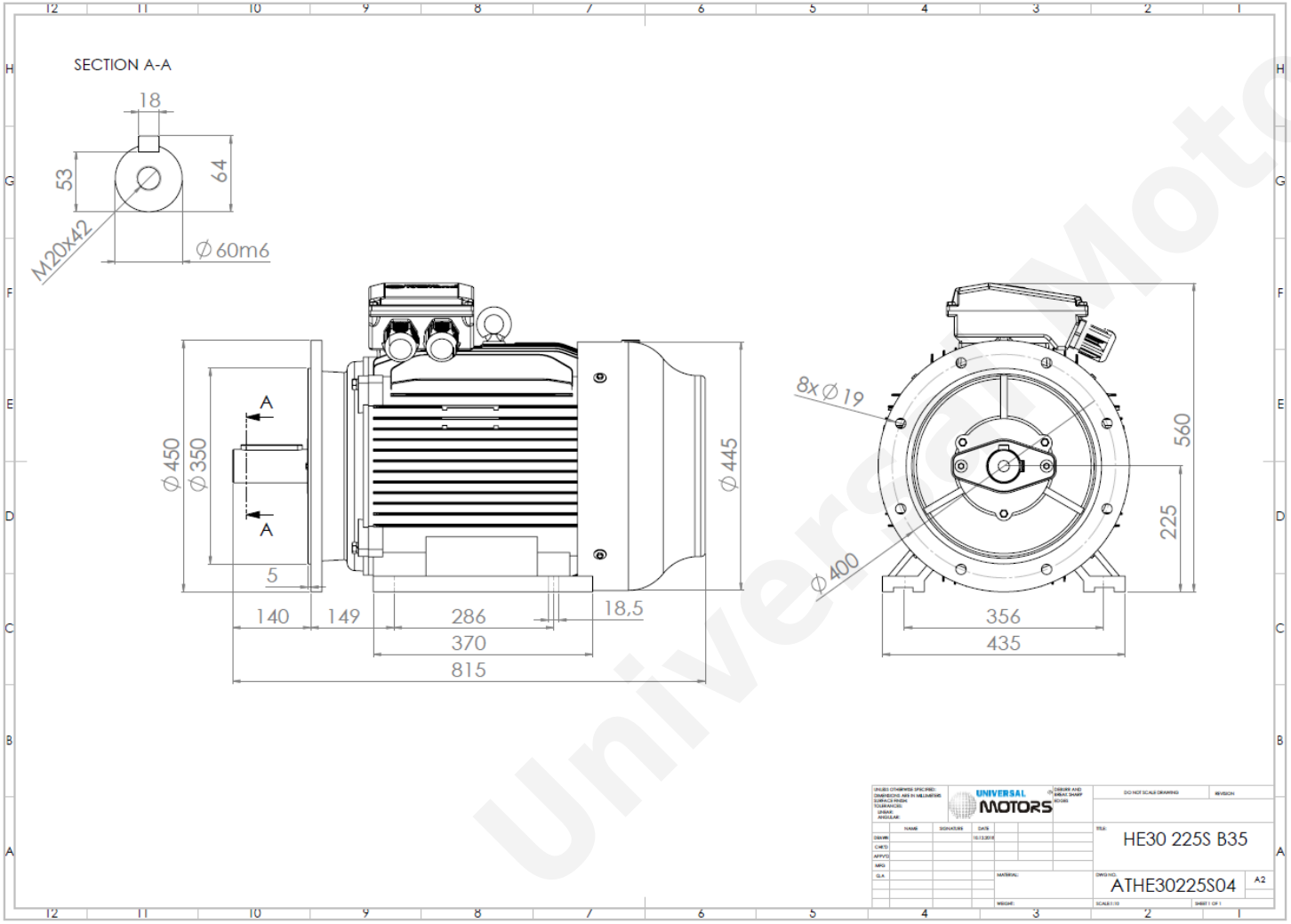
TECHNICAL DATA

Three Phase Electric Motors - Cast Iron Frame
UMHC 225S-4 IE2
37 kW / 50 Cv
1480 RPM



Motor type:	**UMHC 225S-4 IE2**
Output:	**37 kW / 50 Cv**
Speed (min^{-1}):	**1480 RPM**
Voltage:	**400 V**
Frequency:	**50 Hz**
Current:	**67.0 A**
Power factor (Cos Ø):	**0.86**
Poles:	**4**
Insulation class:	**F**
Temperature rise Class:	**B**
Efficiency 50%:	**92.5 %**
Efficiency 75%:	**93.0 %**
Efficiency 100%:	**92.7 %**
Torque:	**239 N.m**
Tstarting/Tnominal:	**2.2**
Istarting/Inominal:	**7.5**
Tmaximum/Tnominal:	**2.3**
Noise:	**78 Db(A)**
Weight:	**322 Kg**
Bearing DE:	**6313 C3**
Bearing NDE:	**6313 C3**

Regime - S1 **Altitude - 1000m** **Environment Temperature - 40ºC**

* References applied only in the UK

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