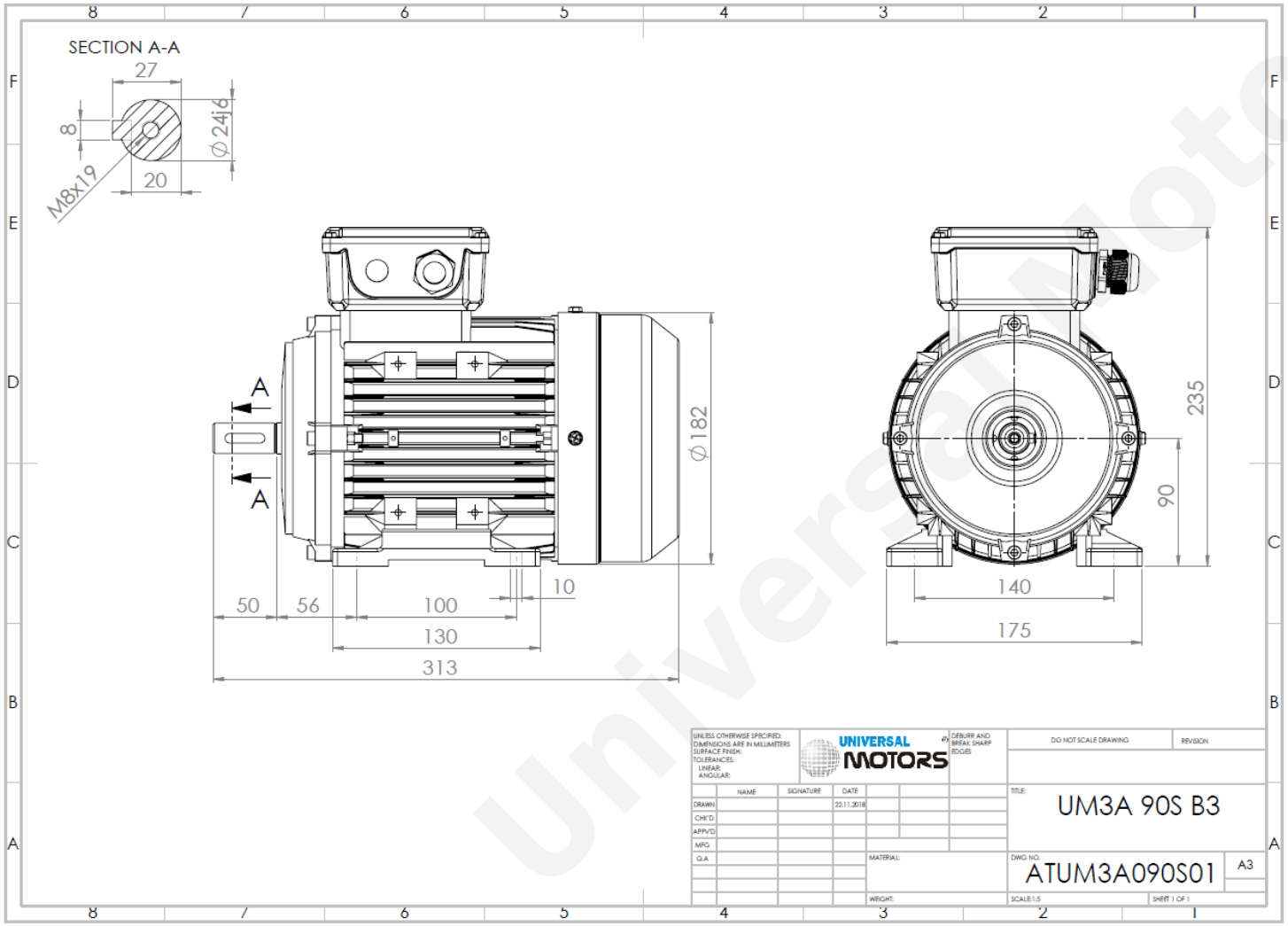
TECHNICAL DATA

Three Phase Electric Motors - Aluminum Frame
UM3A 90S-2 IE3
1.5 kW / 2 Cv
2855 RPM



Motor type:	**UM3A 90S-2 IE3**
Output:	**1.5 kW / 2 Cv**
Speed (min^{-1}):	**2855 RPM**
Voltage:	**400 V**
Frequency:	**50 Hz**
Current:	**3.1 A**
Power factor (Cos Ø):	**0.84**
Poles:	**2**
Insulation class:	**F**
Temperature rise Class:	**B**
Efficiency 50%:	**82.1 %**
Efficiency 75%:	**82.9 %**
Efficiency 100%:	**84.2 %**
Torque:	**5.02 N.m**
Tstarting/Tnominal:	**2.3**
Istarting/Inominal:	**7.6**
Tmaximum/Tnominal:	**2.3**
Noise:	**78 Db(A)**
Weight:	**14 Kg**
Bearing DE:	**6205 2Z C3**
Bearing NDE:	**6204 2Z C3**

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

* References applied only in the UK

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