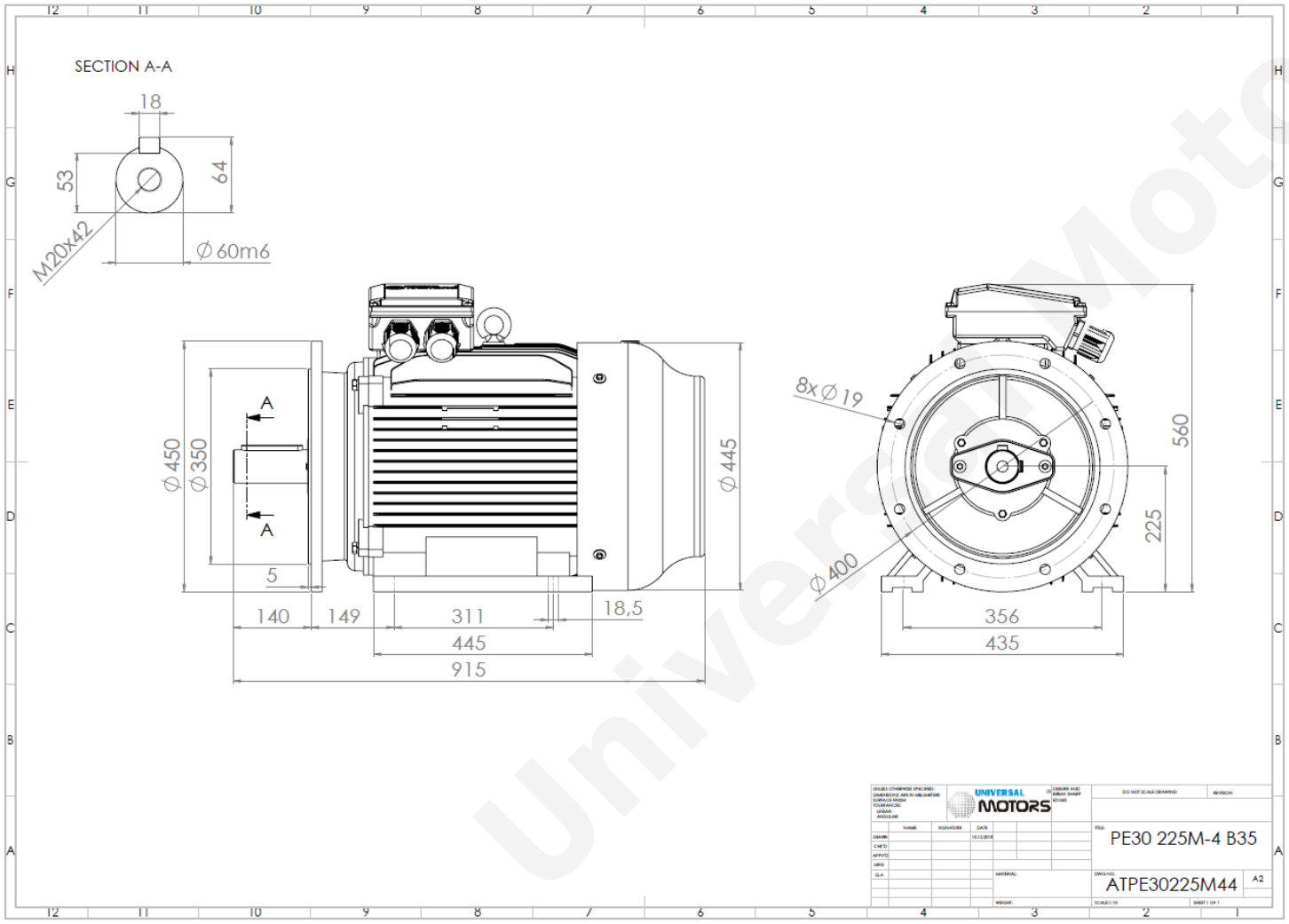
# TECHNICAL DATA

Three Phase Electric Motors - Cast Iron Frame
UM3C 225M-4 IE3
45 kW / 60 Cv
1485 RPM

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|---|---|
| Motor type: | **UM3C 225M-4 IE3** |
| Output: | **45 kW / 60 Cv** |
| Speed ($min^{-1}$): | **1485 RPM** |
| Voltage: | **400 V** |
| Frequency: | **50 Hz** |
| Current: | **80.2 A** |
| Power factor (Cos Ø): | **0.86** |
| Poles: | **4** |
| Insulation class: | **F** |
| Temperature rise Class: | **B** |
| Efficiency 50%: | **93.4 %** |
| Efficiency 75%: | **94.6 %** |
| Efficiency 100%: | **94.3 %** |
| Torque: | **289 N.m** |
| Tstarting/Tnominal: | **2.0** |
| Istarting/Inominal: | **7.4** |
| Tmaximum/Tnominal: | **2.3** |
| Noise: | **78 Db(A)** |
| Weight: | **390 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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