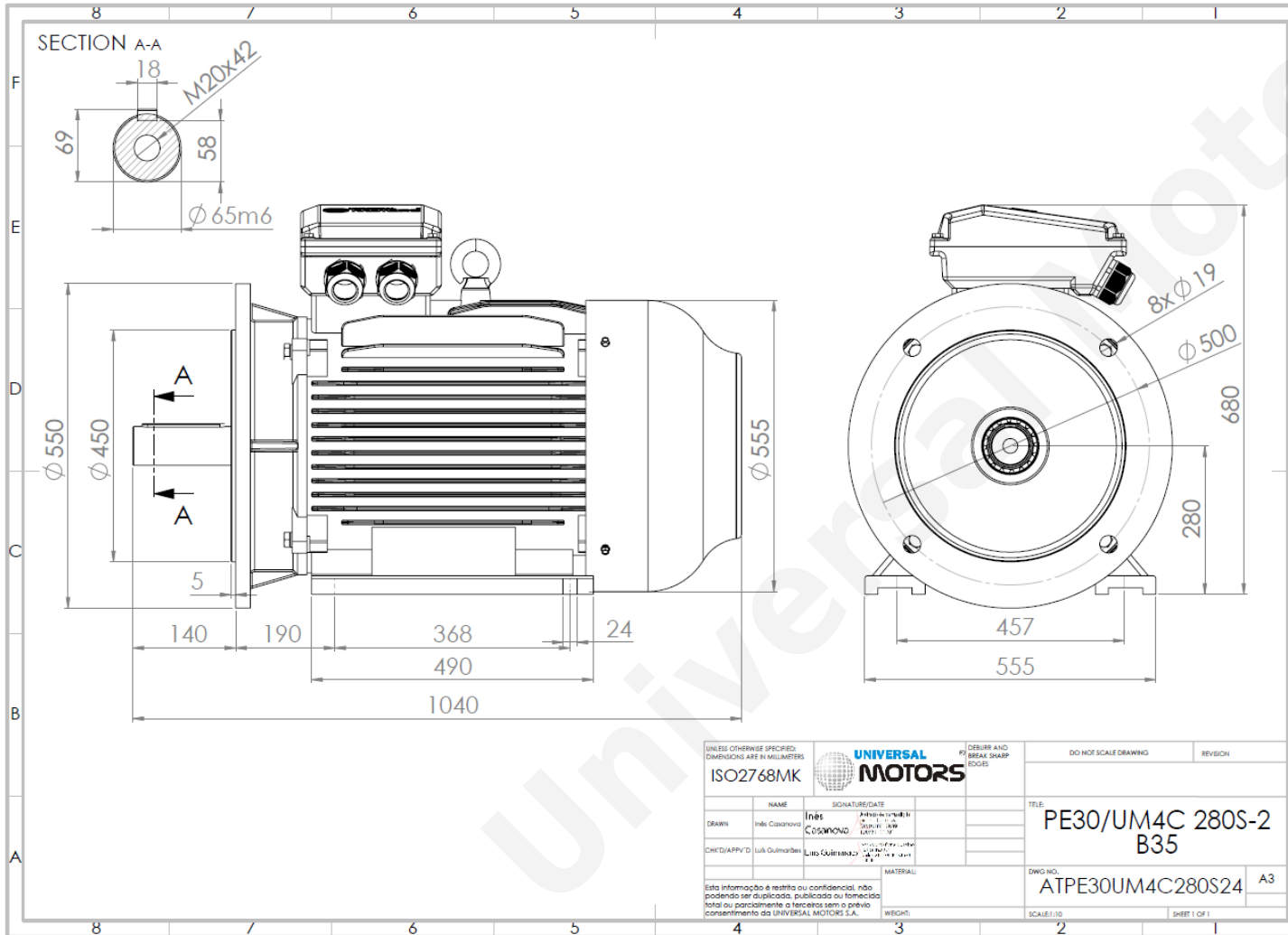


# TECHNICAL DATA

Three Phase Electric Motors - Cast Iron Frame  
 UM3C 280S-2 IE3  
 75 kW / 100 Cv  
 2980 RPM



Motor type:	<b>UM3C 280S-2 IE3</b>
Output:	<b>75 kW / 100 Cv</b>
Speed (min <sup>-1</sup> ):	<b>2980 RPM</b>
Voltage:	<b>400 V</b>
Frequency:	<b>50 Hz</b>
Current:	<b>127 A</b>
Power factor (Cos $\phi$ ):	<b>0.90</b>
Poles:	<b>2</b>
Insulation class:	<b>F</b>
Temperature rise Class:	<b>B</b>
Efficiency 50%:	<b>93.6 %</b>
Efficiency 75%:	<b>94.5 %</b>
Efficiency 100%:	<b>94.7 %</b>
Torque:	<b>240 N.m</b>
Tstarting/Tnominal:	<b>1.8</b>
Istarting/Inominal:	<b>7.10</b>
Tmaximum/Tnominal:	<b>2.3</b>
Noise:	<b>91 Db(A)</b>
Weight:	<b>535 Kg</b>
Bearing DE:	<b>6314 C3</b>
Bearing NDE:	<b>6314 C3</b>

Regime - S1

Altitude - 1000m

Environment Temperature - 40°C

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\* References applied only in the UK