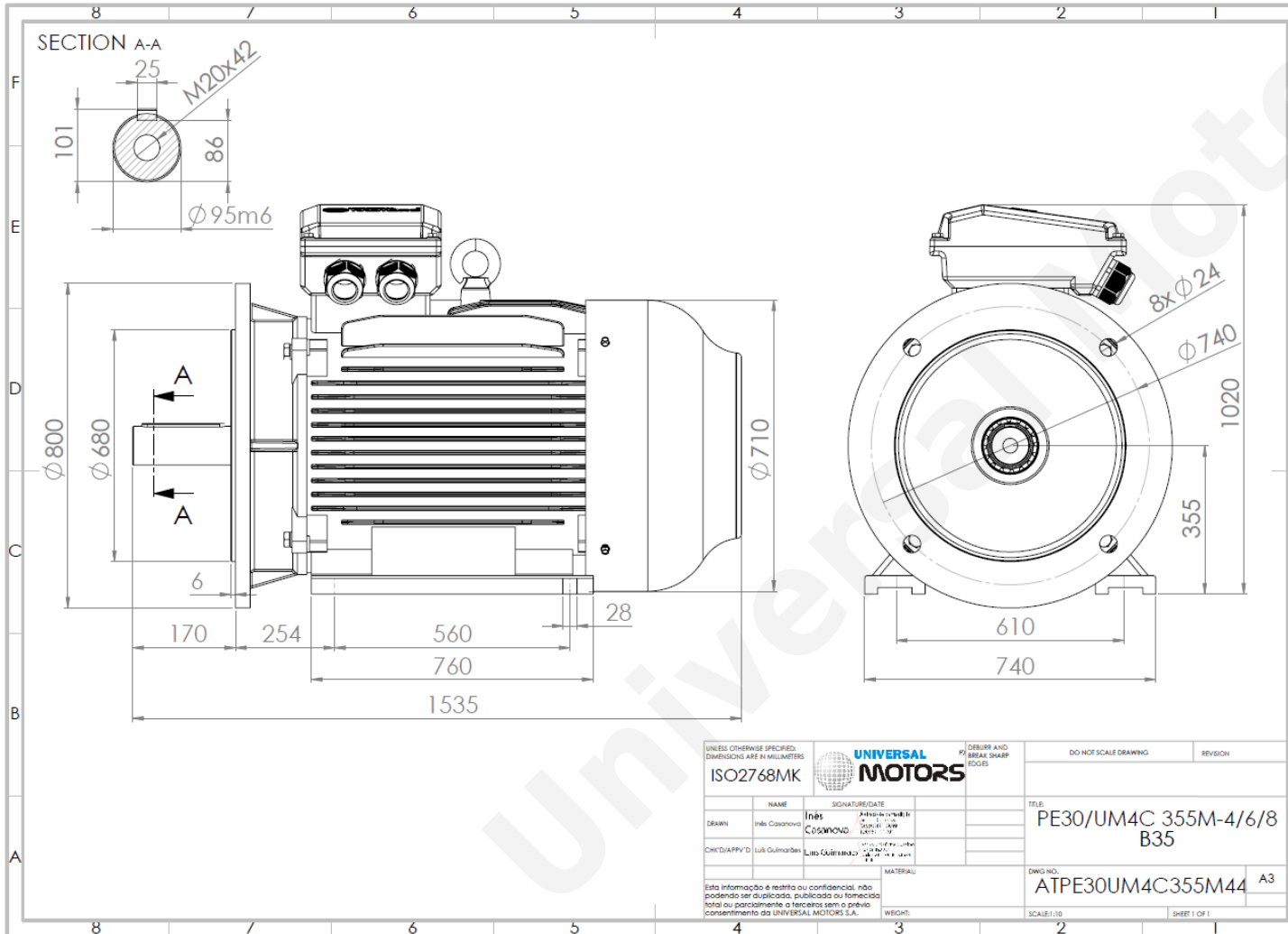


# TECHNICAL DATA

Three Phase Electric Motors - Cast Iron Frame  
 PE30 355 M1 6 IE3  
 160 kW / 220 Cv  
 990 RPM



Motor type:	<b>PE30 355 M1 6 IE3</b>
Output:	<b>160 kW / 220 Cv</b>
Speed (min <sup>-1</sup> ):	<b>990 RPM</b>
Frequency:	<b>50 Hz</b>
Voltage:	<b>400 V</b>
Current:	<b>281 A</b>
Power factor (Cos Ø):	<b>0.86</b>
Poles:	<b>6</b>
Insulation class:	<b>F</b>
Temperature rise Class:	<b>B</b>
Efficiency 50%:	<b>94.2 %</b>
Efficiency 75%:	<b>95.5 %</b>
Efficiency 100%:	<b>95.6 %</b>
Torque:	<b>1543 N.m</b>
Tstarting/Tnominal:	<b>1.8</b>
Istarting/Inominal:	<b>6.8</b>
Tmaximum/Tnominal:	<b>2.0</b>
Noise:	<b>74 Db(A)</b>
Weight:	<b>1492 Kg</b>
Bearing DE:	<b>NU 322</b>
Bearing NDE:	<b>6322 C3</b>

**Regime - S1**

**Altitude - 1000m**

**Environment Temperature - 40°C**

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\* References applied only in the UK