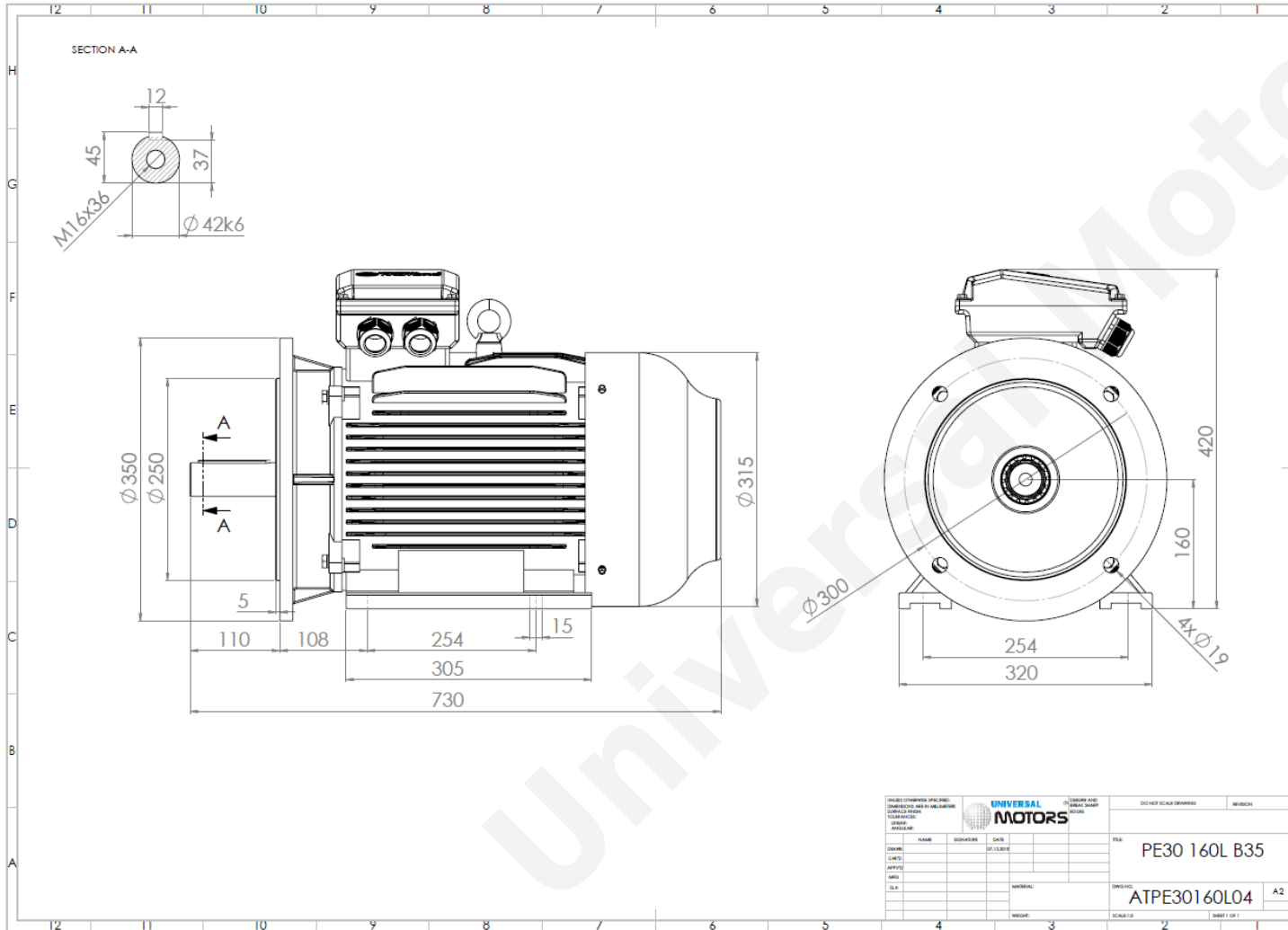


# TECHNICAL DATA

Three Phase Electric Motors - Cast Iron Frame  
UM3C160L-2 IE3  
18.5 kW / 25 Cv  
2950 RPM



Motor type:	<b>UM3C160L-2 IE3</b>
Output:	<b>18.5 kW / 25 Cv</b>
Speed (min <sup>-1</sup> ):	<b>2950 RPM</b>
Voltage:	<b>400 V</b>
Frequency:	<b>50 Hz</b>
Current:	<b>35.2 A</b>
Power factor (Cos $\phi$ ):	<b>0.89</b>
Poles:	<b>2</b>
Insulation class:	<b>F</b>
Temperature rise Class:	<b>B</b>
Efficiency 50%:	<b>91.6 %</b>
Efficiency 75%:	<b>92.8 %</b>
Efficiency 100%:	<b>92.6 %</b>
Torque:	<b>60 N.m</b>
T <sub>starting</sub> /T <sub>nominal</sub> :	<b>2.0</b>
I <sub>starting</sub> /I <sub>nominal</sub> :	<b>8.2</b>
T <sub>maximum</sub> /T <sub>nominal</sub> :	<b>2.3</b>
Noise:	<b>81 Db(A)</b>
Weight:	<b>160 Kg</b>
Bearing DE:	<b>6309 C3</b>
Bearing NDE:	<b>6309 C3</b>

Regime - S1

Altitude - 1000m

Environment Temperature - 40°C

## CONTACTS:

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\* References applied only in the UK