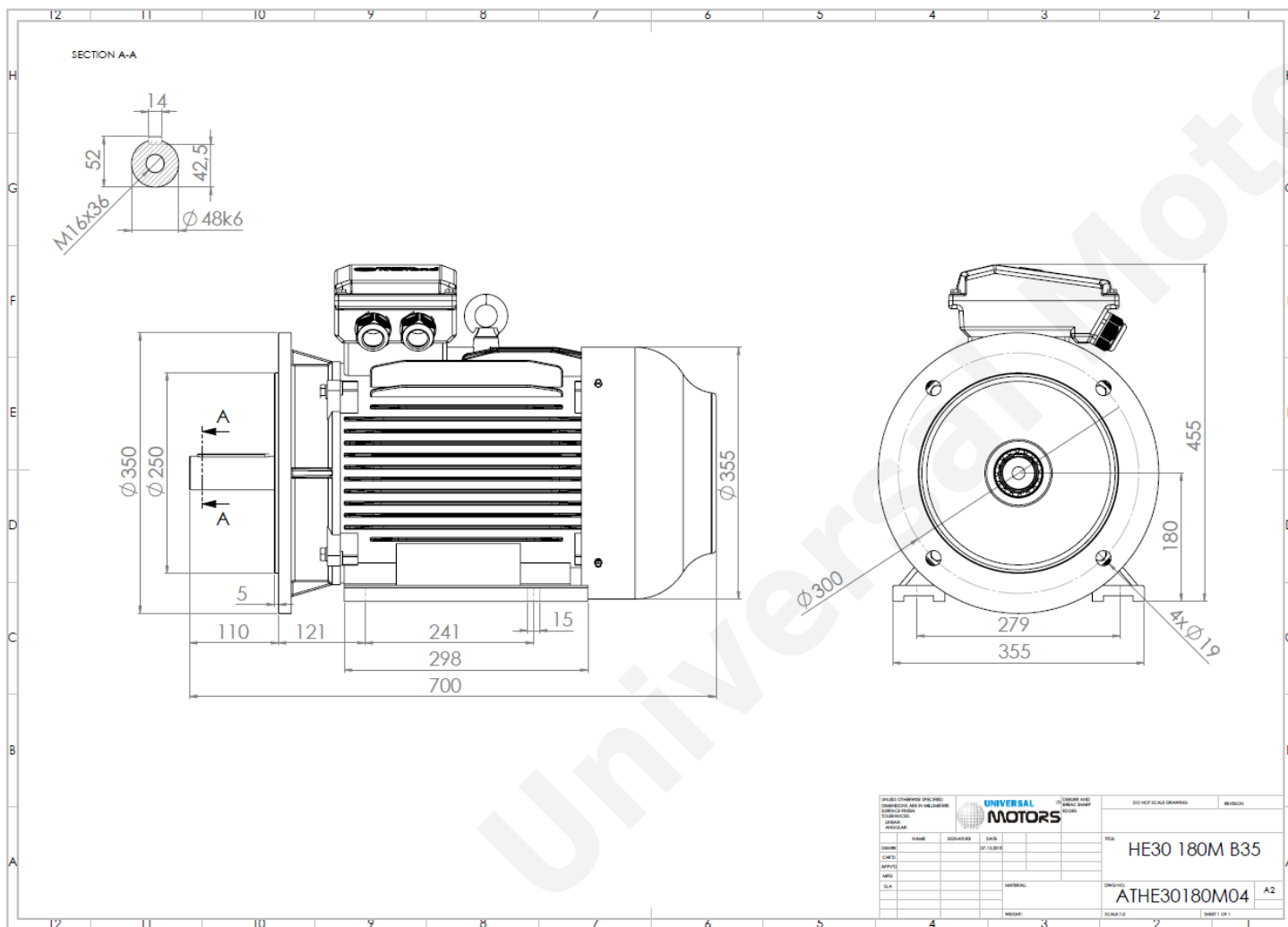


# TECHNICAL DATA

Three Phase Electric Motors - Cast Iron Frame  
UMHC 180M-4 IE2  
18.5 kW / 25 Cv  
1470 RPM



|                             |                 |
|-----------------------------|-----------------|
| Motor type:                 | UMHC 180M-4 IE2 |
| Output:                     | 18.5 kW / 25 Cv |
| Speed (min <sup>-1</sup> ): | 1470 RPM        |
| Voltage:                    | 400 V           |
| Frequency:                  | 50 Hz           |
| Current:                    | 34.1 A          |
| Power factor (Cos $\phi$ ): | 0.86            |
| Poles:                      | 4               |
| Insulation class:           | F               |
| Temperature rise Class:     | B               |
| Efficiency 50%:             | 90.8 %          |
| Efficiency 75%:             | 91.7 %          |
| Efficiency 100%:            | 91.2 %          |
| Torque:                     | 120 N.m         |
| Tstarting/Tnominal:         | 2.2             |
| Istarting/Inominal:         | 8.1             |
| Tmaximum/Tnominal:          | 2.3             |
| Noise:                      | 76 Db(A)        |
| Weight:                     | 191 Kg          |
| Bearing DE:                 | 6311 C3         |
| Bearing NDE:                | 6311 C3         |

Regime - S1

Altitude - 1000m

Environment Temperature - 40°C

## CONTACTS:

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\* References applied only in the UK