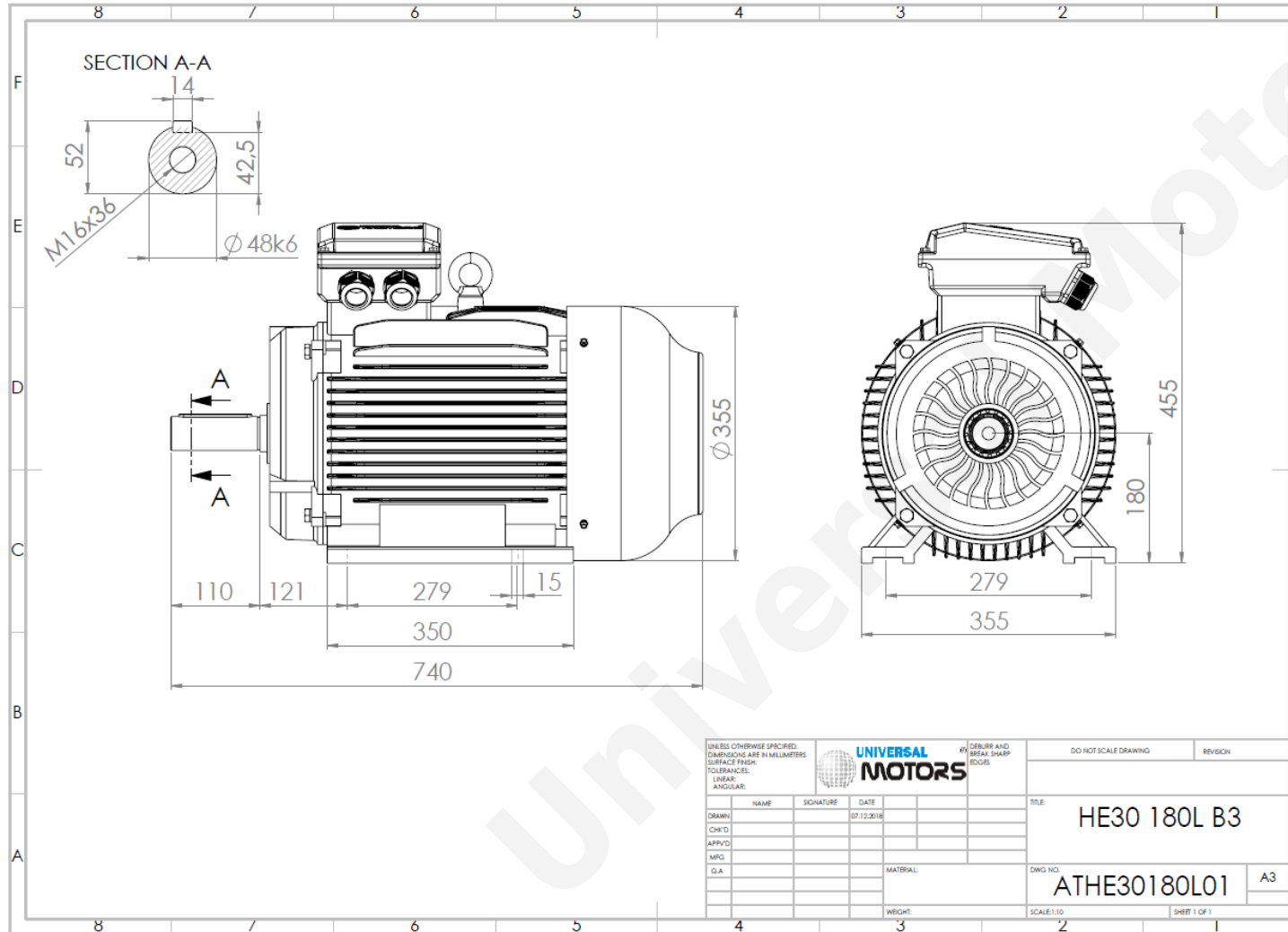


# TECHNICAL DATA

Three Phase Electric Motors - Cast Iron Frame  
UMHC 180L-4 IE2  
22 kW / 30 Cv  
1470 RPM



|                             |                        |
|-----------------------------|------------------------|
| Motor type:                 | <b>UMHC 180L-4 IE2</b> |
| Output:                     | <b>22 kW / 30 Cv</b>   |
| Speed (min <sup>-1</sup> ): | <b>1470 RPM</b>        |
| Voltage:                    | <b>400 V</b>           |
| Frequency:                  | <b>50 Hz</b>           |
| Current:                    | <b>40.3 A</b>          |
| Power factor (Cos Ø):       | <b>0.86</b>            |
| Poles:                      | <b>4</b>               |
| Insulation class:           | <b>F</b>               |
| Temperature rise Class:     | <b>B</b>               |
| Efficiency 50%:             | <b>91.5 %</b>          |
| Efficiency 75%:             | <b>92.1 %</b>          |
| Efficiency 100%:            | <b>91.6 %</b>          |
| Torque:                     | <b>143 N.m</b>         |
| Tstarting/Tnominal:         | <b>2.2</b>             |
| Istarting/Inominal:         | <b>8.2</b>             |
| Tmaximum/Tnominal:          | <b>2.3</b>             |
| Noise:                      | <b>76 Db(A)</b>        |
| Weight:                     | <b>214 Kg</b>          |
| Bearing DE:                 | <b>6311 C3</b>         |
| Bearing NDE:                | <b>6311 C3</b>         |

Regime - S1

Altitude - 1000m

Environment Temperature - 40°C

## CONTACTS:

Universal Motors UK, Ltd  
Unit E2, Meltham Mills Industrial Estate, Meltham Mills Road, Meltham, Holmfirth  
West Yorkshire HD9 4AR, U.K.

Tel: +44(0) 1484 660 222  
Fax: +44(0) 1484 660 333  
Mail: [enquiries@universalmotors-group.co.uk](mailto:enquiries@universalmotors-group.co.uk)

\* References applied only in the UK