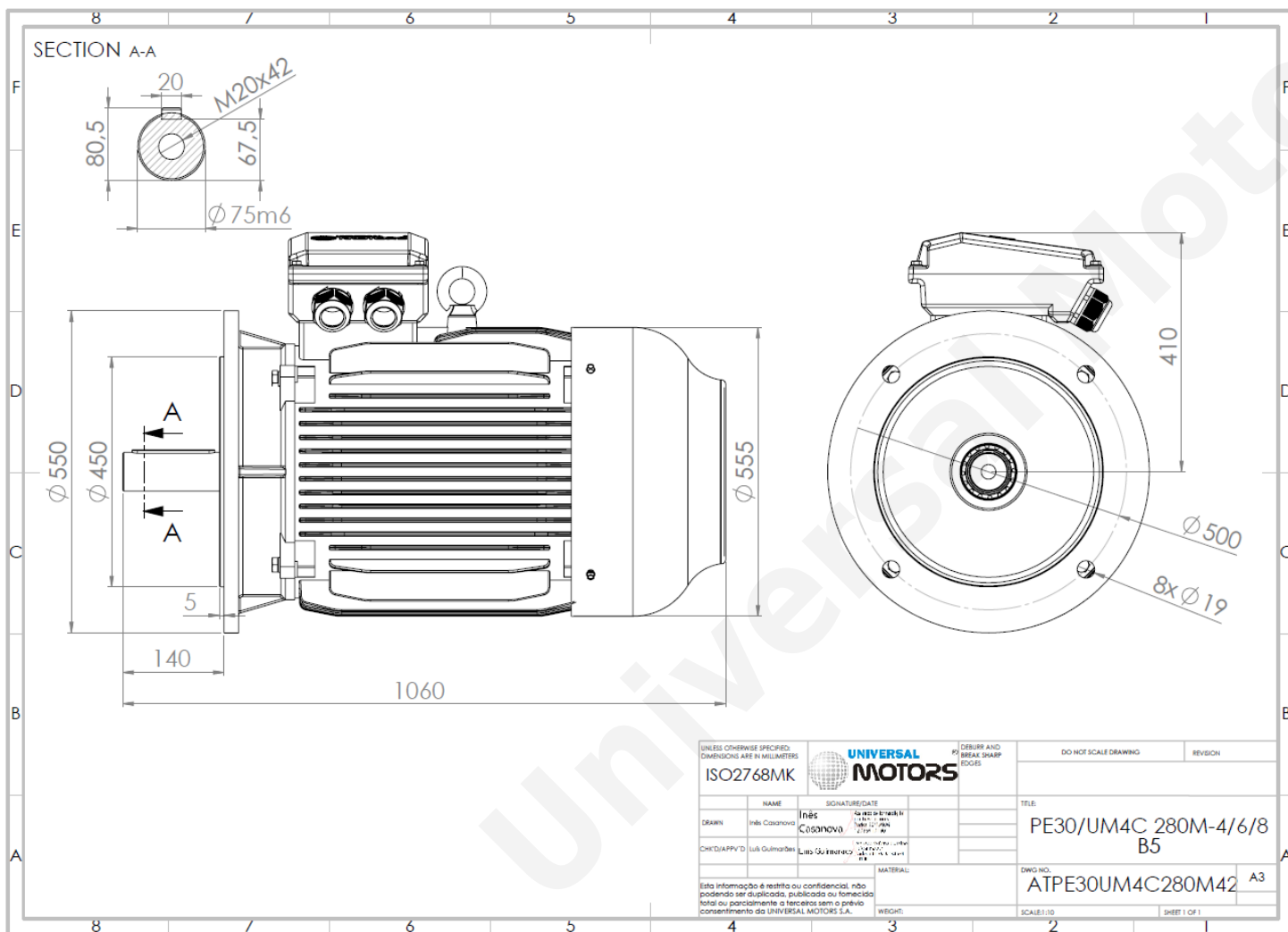


# TECHNICAL DATA

Three Phase Electric Motors - Cast Iron Frame  
UM3C 280M-4 IE3  
90 kW / 125 Cv  
1485 RPM



|                             |                 |
|-----------------------------|-----------------|
| Motor type:                 | UM3C 280M-4 IE3 |
| Output:                     | 90 kW / 125 Cv  |
| Speed (min <sup>-1</sup> ): | 1485 RPM        |
| Voltage:                    | 400 V           |
| Frequency:                  | 50 Hz           |
| Current:                    | 155 A           |
| Power factor (Cos Ø):       | 0.88            |
| Poles:                      | 4               |
| Insulation class:           | F               |
| Temperature rise Class:     | B               |
| Efficiency 50%:             | 94.5 %          |
| Efficiency 75%:             | 95.4 %          |
| Efficiency 100%:            | 95.2 %          |
| Torque:                     | 579 N.m         |
| Tstarting/Tnominal:         | 2.0             |
| Istarting/Inominal:         | 6.9             |
| Tmaximum/Tnominal:          | 2.3             |
| Noise:                      | 80 Db(A)        |
| Weight:                     | 683 Kg          |
| Bearing DE:                 | 6317 C3         |
| Bearing NDE:                | 6317 C3         |

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