



|       |    |             |                                |            |                   |
|-------|----|-------------|--------------------------------|------------|-------------------|
| Scale | 15 | Description | Three phase asynchronous motor | Model      | BCT 280S-8        |
|       |    |             |                                | Drawing n° | BCT4370.28A805.11 |
|       |    |             |                                | Page size  | A3                |
|       |    |             |                                | ENG        | 1/1               |

### BCT

|                      |                   |
|----------------------|-------------------|
| Product Code         | BCT4370.28A805.11 |
| Motor Type/Frame     | BCT 280S-8        |
| Mounting             | IM B5             |
| Efficiency Class     | IE4               |
| Output Power (kW)    | 37.00             |
| Speed (rpm)          | 740               |
| Tension (V)          | 230/400           |
| Frequency (Hz)       | 50                |
| Current (A)          | 73.50             |
| Power factor (Cos Ø) | 0.80              |
| Poles                | 8                 |
| Insulation Class     | F                 |
| IP Class             | IP55              |
| 50% Efficiency       | 93.0              |
| 75% Efficiency       | 93.3              |
| 100% Efficiency      | 93.1              |
| Torque (Nm)          | 477.70            |
| Tstart / Tnominal    | 1.80              |
| Istart / Inominal    | 7.90              |
| Tmax / Tnominal      | 2.00              |
| Noise (dB)           | 76                |
| PTC Thermistor       | PTC 130           |
| Weight (Kg)          | 516               |
| DE Bearing           | 6316 C3           |
| NDE Bearing          | 6316 C3           |