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# Hei-TORQUE Expert 100 Ncm
# **Technical datasheet**



| | |
|---|---|
| **Dimensions (W × H × D)** | 86 × 350 × 247 mm |
| **Weight** | 4.4 kg |
| **Drive** | EC motor |
| **Speed range** | 10 - 2.000 rpm |
| **Protection class (EN 60529)** | IP54 |
| **Acoustic Pressure** | < 50 (based on IEC 61010) |
| **Rated Voltage** | 100 – 240 V AC; 50/60 Hz |
| **Protection Class** | I (IEC 61140 |
| **Overvoltage Category** | II |
| **Degree of Pollution** | 2 |
| **Power input** | 90 W |
| **Operating temperature** | 5 °C – 31 °C at up to 80 % rel. humidity \| 32 °C – 40 °C at up to 50 % rel. humidity (decreasing linearly) |
| **Installation Altitude** | up to 2,000 m asl |
| **Motor protection** | KTY temperature monitoring |
| **Overload protection** | Automatic cut-out with display |
| **Speed accuracy (%)** | ± 1 |
| **Speed control** | electronic |
| **Stirrer shaft (∅ in mm)** | 2.5 – 10.5 |
| **Permissible duty cycle** | suitable for continuous operation |
| **Volume H2O max. (L)** | 50 |

| | |
|---|---|
| **Viscosity up to (mPa s)** | 60000 |
| **Max. torque (Ncm)** | 100 |
| **Number of gear stages** | 1 |
| **Clockwise / counterclockwise rotation** | n.a. |
| **RS232** | |