heidolph
research made easy

Hei-TORQUE Core
Technical datasheet



Dimensions (W × H × D)	70 × 282 × 195 mm
Weight	2.3 kg
Drive	EC motor
Speed range	20 – 2,000 rpm
Protection class (EN 60529)	IP42
Acoustic pressure	< 70 (dB(A)) (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	105 W
Operating temperature	5 °C – 31 °C up to 80 % rel. humidity | 32 °C – 40 °C up to 50 % rel. humidity (decreasing linearly)
Installation altitude	up to 2,000 m asl
Motor protection	Software monitoring with error message
Overload protection	Automatic cut-out
Speed accuracy (%)	±1
Speed control	electronic
Stirrer shaft (∅ in mm)	0.5 – 10.5
Permissible duty cycle	suitable for continuous operation
Volume H2O max. (L)	25

Viscosity up to (mPa s)	10,000
Max. torque (Ncm)	65
Number of gear stages	n.a.
Clockwise / counterclockwise rotation	n.a.