

IKA

designed for scientists



RW 20 digital

/// Data Sheet

The bestseller in the laboratory:

- With digital display
- Robust, slimline, ergonomic design
- Technical improvements on the trusted RW 20 series designs
- With constant power-drive
- Two speed ranges for universal use from 60 - 2.000 rpm
- Push-through agitator shafts (only when stationary)

www.ika.com

Subject to technical changes





designed for scientists

- For stirring quantities of up to 20 l (H₂O)



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Technical Data

| | |
|--|----------------|
| Stirring quantity max. per stirring position (H2O) [l] | 20 |
| Motor rating input [W] | 85 |
| Motor rating output [W] | 35 |
| Speed display | LED |
| Speed range [rpm] | 60 - 2000 |
| Viscosity max. [mPas] | 10000 |
| Output max. at stirring shaft [W] | 26 |
| Permissible ON time [%] | 100 |
| Torque max. at stirring shaft [Ncm] | 150 |
| Torque max. at stirring shaft at 60 1/min (overload) [Ncm] | 300 |
| Torque max. at stirring shaft at 100 1/min [Ncm] | 150 |
| Torque max. at stirring shaft at 1.000 1/min [Ncm] | 24 |
| Speed range I (50 Hz) [rpm] | 60 - 500 |
| Speed range II (50 Hz) [rpm] | 240 - 2000 |
| Speed range I (60 Hz) [rpm] | 72 - 600 |
| Speed range II (60 Hz) [rpm] | 288 - 2400 |
| Speed adjustment | stepless |
| Setting accuracy speed [rpm] | ±1 |
| Deviation of speed measurement [rpm] | ±30 |
| Stirring element fastening | chuck |
| Chuck range diameter [mm] | 0.5 - 10 |
| Hollow shaft, inner diameter [mm] | 10.5 |
| Hollow shaft (push-through - when stopped) | yes |
| Fastening on stand | extension arm |
| Extension arm diameter [mm] | 13 |
| Extension arm length [mm] | 160 |
| Speed control | mechanical |
| Nominal torque [Nm] | 1.5 |
| Dimensions (W x H x D) [mm] | 88 x 294 x 212 |
| Weight [kg] | 3.1 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative humidity [%] | 80 |
| Protection class according to DIN EN 60529 | IP 20 |
| Voltage [V] | 100 - 115 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 87 |