



Powerful, mechanically controlled stirrer. Suitable for quantities up to 80 l (H₂O) for use in laboratories and pilot plant stations.

- Two speed ranges for highly viscous media and for intensive mixing
- Push-through agitator elements

| Technical Data | | | |
|--|---------------|--|------------|
| Stirring quantity max. (H ₂ O) [l] | 80 | Motor rating input [W] | 220 |
| Motor rating output [W] | 90 | Speed display [-] | scale |
| Speed range [1/min] | 60 - 1400 | Viscosity max. [mPas] | 50000 |
| Output max. at stirring shaft [W] | 90 | Permissible ON time [%] | 100 |
| Torque max. at stirring shaft [Ncm] | 900 | Torque max. at stirring shaft at 60 1/min (overload) [Ncm] | 1144 |
| Torque max. at stirring shaft at 100 1/min [Ncm] | 900 | Torque max. at stirring shaft at 1.000 1/min [Ncm] | 86 |
| Speed range I (50 Hz) [1/min] | 60 - 400 | Speed range II (50 Hz) [1/min] | 240 - 1400 |
| Speed range I (60 Hz) [1/min] | 72 - 480 | Speed range II (60 Hz) [1/min] | 288 - 1680 |
| Speed control [-] | stepless | Stirring element fastening [-] | chuck |
| Chuck range min. diameter [mm] | 1 | Chuck range max. diameter [mm] | 10 |
| Hollow shaft, inner diameter [mm] | 10.5 | Hollow shaft (push-through ζ when stopped) [-] | yes |
| Fastening on stand [-] | extension arm | Extension arm diameter [mm] | 16 |

| | | | |
|-----------------------------------|-----------------------|--|-----------------|
| Extension arm length [mm] | 145 | Torque display [-] | no |
| Nominal torque [Nm] | 9.0 | Dimensions (W x H x D) [mm] | 123 x 364 x 252 |
| Weight [kg] | 7.4 | Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative moisture [%] | 80 | Protection class according to DIN EN 60529 [-] | IP 42 |
| RS 232 interface [-] | no | Analog output [-] | no |
| Voltage [V] | 220 - 240 / 115 / 100 | Frequency [Hz] | 50/60 |
| Power input [W] | 220 | | |