

Data Sheet

Mixing / Overhead Stirrers



RW 47 D

The most powerful IKA® stirrer for laboratories, pilot plant stations and small-scale production.

- For stirring tasks up to 200 l (H)

Accessories: SI 400 Safety switch, R 302 Stirring shaft protection, R 1388 Propeller stirrer, 3-bladed, R 2302 Propeller stirrer, 4-bladed, R 1355 Centrifugal stirrer, SI 474 Fixing device, R 2311 Paddle stirrer, R 1345 Propeller stirrer, 4-bladed, R 474 Telescopic stand, R 1333 Anchor stirrer, SI 472 Fixing device, R 1302 Dissolver stirrer, R 472 Floor stand, R 1376 Paddle stirrer, R 1385 Propeller stirrer, 3-bladed

Technical Data

Stirring quantity max. (H ₂ O) [l]	200
Motor rating input [W]	513
Motor rating output [W]	370
Speed display	scale
Speed range [rpm]	57 - 1300
Viscosity max. [mPas]	100000
Output max. at stirring shaft [W]	300
Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	3000
Torque max. at stirring shaft at 60 1/min (overload) [Ncm]	4642
Torque max. at stirring shaft at 100 1/min [Ncm]	3000
Torque max. at stirring shaft at 1.000 1/min [Ncm]	285
Speed range I (50 Hz) [rpm]	57 - 275
Speed range II (50 Hz) [rpm]	275 - 1300
Speed control	stepless
Stirring element fastening	chuck
Chuck range min. diameter [mm]	3
Chuck range max. diameter [mm]	16
Hollow shaft, inner diameter [mm]	13
Hollow shaft (push-through \dot{z} when stopped)	no
Fastening on stand	flange
Torque display	no
Nominal torque [Nm]	30
Dimensions (W x H x D) [mm]	145 x 445 x 340
Weight [kg]	15
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 54
RS 232 interface	no
Analog output	no
Voltage [V]	3 x 400 / 3 x 230
Frequency [Hz]	50
Power input [W]	513

Ident. No. 0001602000