

Data Sheet

Mixing / Overhead Stirrers



RW 20 digital

Bringing the future to your laboratory:

- new: With digital display
- new: Robust, slimline, ergonomic design
- new: 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)

Accessories: R 182 Boss head clamp, BC 1000 Beaker cap, R 1342 Propeller stirrer, 4-bladed, R 1330 Anchor stirrer, R 301 Stirring shaft protection, RH 3 Strap clamp, R 1381 Propeller stirrer, 3-bladed, R 1311 Turbine stirrer, FK 1 Flexible coupling, R 1389 (PTFE-coated) Propeller stirrer, 3-bladed, R 1827 Plate stand, R 1300 Dissolver stirrer, R 1312 Turbine stirrer, R 1352 Centrifugal stirrer, R 1382 Propeller stirrer, 3-bladed, R 1303 Dissolver stirrer, R 1826 Plate stand, R 1825 Plate stand

Technical Data	
Stirring quantity max. (H ₂ O) [l]	20
Motor rating input [W]	70
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 control	stepless
Stirring element fastening	chuck
Temperature display	no
Chuck range min. diameter [mm]	0.5
Chuck range max. diameter [mm]	10
Hollow shaft, inner diameter [mm]	10.5
Hollow shaft (push-through \varnothing when stopped)	yes
Fastening on stand	extension arm
Extension arm diameter [mm]	13
Extension arm length [mm]	160
Torque display	no
Nominal torque [Nm]	1.5
Timer	no
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
RS 232 interface	no
USB interface	no
Analog output	no
Voltage [V]	220 - 240 / 100 - 115
Frequency [Hz]	50/60
Power input [W]	72
Ident. No.	0003593000



R 1826 Plate stand

With slip resistant foil.

Diameter of support rod: 16 mm

Max. load: 5 kg

Dimensions (W x D): 200 x 316 mm

Height: 800 mm



R 182 Boss head clamp

Clamping range - stand: 6 - 16 mm
Clamping range - extension arm: 6 - 16 mm
Material: cast aluminium



R 1342 Propeller stirrer, 4-bladed

Standard stirring element. For drawing the material to be mixed from the top to the bottom. Local shearing forces. Generates axial flow in the vessel. Used at medium to high speeds.

Technical Data

Stirrer diameter [mm]	50
Shaft diameter [mm]	8
Shaft length [mm]	350
Speed max. [rpm]	2000
Ident. No.	0000741000