

Stirrers, overhead, RW28

04



Suitable for quantities up to 80L (H₂O) for use in laboratories and pilot plant stations.

RW28:

- Two selectable speed ranges for high viscosity (range I) or intensive mixing (range II)
- Push-through agitator elements

RW28D:

- Two selectable speed ranges for high viscosity (range I) or intensive mixing (range II)
- Agitator shafts are not push-through
- Cables with plugs not included in delivery
- AC motor and high IP protection class

Powerful, mechanically controlled stirrers.

Technical Specification - Specific

	RW28	RW28D
Motor rating, input output, W	220 / 90	270 / 180
Output	90W (at stirring shaft)	135W (at stirring shaft)
Torque, Ncm	1,144 (per 60rpm), 900 (per 100rpm), 86 (per 1,000rpm) maximum at chuck	1515 (per 60rpm), 911 (per 100rpm), 91 (per 1,000rpm) maximum at chuck
Speed range, rpm	60 to 400 (Range I 50Hz), 240 to 1,400 (Range II 50Hz), 72 to 480 (Range I 60Hz), 288 to 1,680 (Range II 60Hz)	40 to 370 (Range I 50Hz), 120 to 1,400 (Range II 50Hz), 48 to 444 (Range I 60Hz), 144 to 1,680 (Range II 60Hz)
Diameter, mm	16	16
Length, mm	145 (extension arm)	160 (extension arm)
Dimensions [w x d x h], mm	123 x 252 x 364	140 x 279 x 468
Weight, kg	7.4	9.3
Protection class	IP 42 (acc. to DIN EN 60529)	IP 54 (acc. to DIN EN 60529)
Electrical supply	220-240V 50-60Hz	3 x 220-240V 50Hz 3 x 380-420V 50Hz

Technical Specification - General

Stirring quantity H ₂ O, L	80
Viscosity, mPas	50,000 (maximum)
Max. On time	100%
Speed display	scale
Chuck range, mm	1 to 10
Shaft diameter, mm	10.5 (hollow / inner)
Ambient temperature, °C	5 to 40 (permissible)
Relative humidity	80% (permissible)

Catalogue No	Alt. No	Description
SWR-530-010K	2760000	RW28 overhead stirrer
SWR-530-020H	3297000	RW28 D overhead stirrer, 3 x 400V 50Hz
SWR-530-030E	3297006	RW28 D overhead stirrer, 3 x 230V 50Hz

Accessories

Catalogue No	Alt. No	Description
MPR-350-525N	1412000	H stand, rod height 1,010mm
SWR-535-500J	1412100	Telescopic stand, 620mm to 1,010mm
SWR-535-510G	2664000	Bosshead clamp
TWK-725-505C	3159000	Strap clamp
SWR-345-505Y	2603000	Shaft protection, Plexiglass, length adjustment 190mm/310mm
SWR-350-570U	0741300	Propellor stirrer, 4-bladed, 540mm (l) x 100mm (blade width)
SWR-350-575K	0477700	Propellor stirrer R1385, 3-bladed, 550mm (l) x 150mm (blade width)
SWR-350-580R	0477800	Propellor stirrer R1388, 3-bladed, 800mm (l) x 140mm (blade width)
SWR-360-515V	2333100	Turbine stirrer, 400mm (l) x 70mm (blade width)
SWR-350-585H	0513500	Dissolver stirrer, 350mm (l) x 80mm (blade width)
SWR-350-590X	2387900	Dissolver stirrer, 350mm (l) x 100mm (blade width)
SWR-360-520F	1132700	Stirrer paddle centrifugal stirring head diameter 100/24mm 550mm (l) x 8mm diameter shaft R1355
SWR-350-600X	0757700	Paddle stirrer, 550mm (l) x 70mm (blade width)
SWR-350-605E	0757800	Paddle stirrer, 550mm (l) x 150mm (blade width)
SWR-345-525C	2022400	Anchor stirrer, 350mm (l) x 90mm (blade width)
SWR-335-500C	2604000	Support holder R301.1

