

SAV 434.83

PRECISION CYLINDRICAL GRINDING UNIT

With sine adjustment



APPLICATION

Cylindrical grinding, taper grinding, profile grinding, plunge grinding. The cylindrical grinding unit was developed specially for use in toolmaking, die making and mould making. Swivelling using the sine principle can be used to additionally set this unit to a vertical position. This then makes it possible to carry out surface grinding work.

DESIGN

The base plate and all wear parts are hardened. The bearing and the motor are splash water protected, IP 54. Swivelling up to 90°. Special version on request.

With spindle versions:

- Schaublin 470 E (Sch)
- Steep taper 40 (SK 40)

Compact, small space requirement. Instantly ready for use.

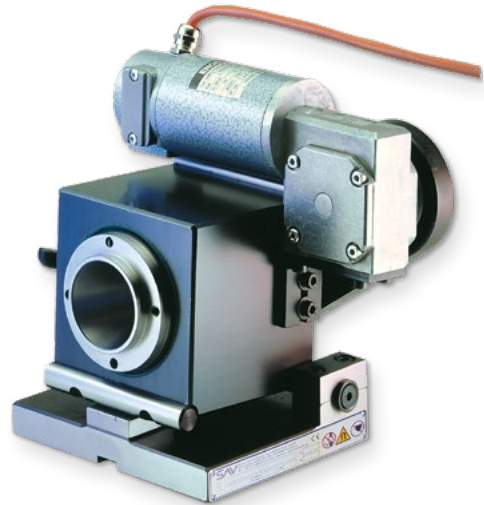
Control unit SAV 875.40 included in the delivery. 24 V electric motor, continuously adjustable from 0 – 200 rpm. Clockwise/anti-clockwise rotation.

With grid holes 4 x 90°. With grid indexing for use as index table available on request (surcharge applies). Max. direct division 24 x 15°. Sine swivel range from 0 – 90°.

Modular system. Special taper and versions possible on request. Suitable for concentricity testing.

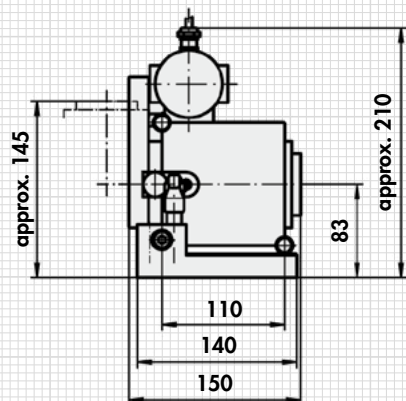
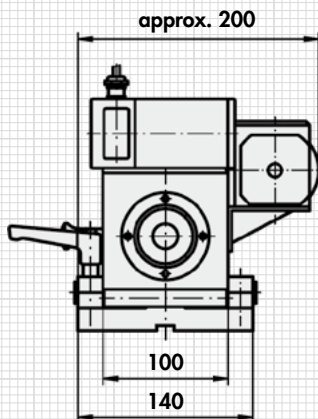
ACCESSORIES

- Three-jaw chuck:
 - D = 80 mm, with flange. SAV 439.62 - 80 - taper
 - D = 100 mm, with flange. SAV 439.62 - 100 - taper
- Four-jaw chuck:
 - D = 80 mm, with flange. SAV 439.63 - 80 - taper
 - D = 100 mm, with flange. SAV 439.63 - 100 - taper
- Permanent magnetic circular chuck:
 - D = 100 mm, switchable, with flange. SAV 244.03 - 100 - taper
- Collet chuck Schaublin no. 470 E:
 - D = 2.0 to 3.0 mm, 0.5 mm step
 - D = 4.0 to 20.0 mm, 1.0 mm step
 - or complete set from 3.0 to 18.0 mm (set)
 - SAV 439.67 - 470 E - set



Control unit SAV 875.40
W x H x L = 170 x 140 x 230

Spindle height	in mm	83
Length	in mm	150
Width incl. motor	in mm	200
Height incl. motor	in mm	210
Height, vertical	in mm	145
Speed	rpm	0 - 200
Weight	in kg	13



ORDERING EXAMPLE

Designation	SAV no. - taper
Precision cylindrical grinding unit	SAV 434.83 - SK 40