

Column drill

SB 40 ▶ Plus

SB 40 MV ▶ Plus



Warranty
extension

- ▶ 3-year warranty for single-shift operation
- ▶ Warranty extension to 4 or 5 years available! See page 72-73

Fig.: SB 40 ▶ Plus with special equipment

Fig.: SB 40 MV ▶ Plus with special equipment

Standard equipment

- ▶ Thread cutting system
- ▶ Control panel with OLED display
- ▶ Robust, high-quality drill head hood with ergonomically tilted front
- ▶ LED lighting
- ▶ Quick-adjust ergonomic depth stop
- ▶ Stepless speed regulation via the central knob
- ▶ Emergency stop switch
- ▶ Thermal overload protection
- ▶ Spindle stop
- ▶ Drill protection with electrical fuse
- ▶ Connecting cable with CEE plug
- ▶ Mechanical feed for z-axis incl. electromagnetic clutch for (3) feed speeds (only 40 MV Plus)
- ▶ Drill handle with push-button (on/off) for feed (only 40 MV Plus)
- ▶ In thread cutting mode: Right-left ventilation via drill handle button (only SB 40 MV Plus)

Special equipment

- ▶ LED lighting with articulated arm
Order no. 290.240 for 230.530 and 230.531
Order no. 290.241 for 230.532 and 230.536 and 230.537
- ▶ Machined foot plate
Order no. 290.175D
- ▶ Combi drilling table with vice and square table 360° rotatable with scale, jaw width 120 mm, span 105 mm, column diameter 125 mm (deviating), table surface 350 x 350 mm
Order no. 290.138
- ▶ Machined foot plate incl. integrated coolant system
Filling capacity: max. 15 l
Delivery rate: max. 30 l/min
Order no. 290.160D
- ▶ Coolant system (separate tank)
Filling quantity: max. 15 l
Delivery rate: max. 30 l/min
Order no. 290.340
- ▶ Foot switch
Drilling function: Spindle ON and OFF (for MV feed ON and OFF)
Thread cutting function: Clockwise/anti-clockwise rotation
Order no. 231.000
- ▶ Commissioning the machine and briefing the operating staff
Order no. 229.931

Technical data

| | |
|---|----------------------------|
| Drilling capacity/normal drilling performance (mm) | |
| R1 (measured torque Nm) | 30/35 (in E335/ST60) (135) |
| R2 (measured torque Nm) | 27/32 (in E335/ST60) (90) |
| R3 (measured torque Nm) | 35/40 (in E335/ST60) (260) |
| Thread cutting performance max. (depending on gradient) | |
| R1 | M30x3.5 |
| R2 | M24x3 |
| R3 | M36x4 |
| Spindle | MK IV |
| Drilling depth (mm) | 160 |
| Distance column-spindle (mm) | 300 |
| Column diameter (mm) | 140 |
| Useable table surface (W x L) (mm) | 590 x 450 |
| Speed indicator | digital |
| Drilling depth indicator | digital |
| Drilling depth stop | with fine tuning |
| Table height adjustment | with toothed rack |
| Spindle/table (mm) | 150-700 |
| Machine dimensions without VP (mm) | 610 x 900 x 1,980 |
| Machine dimensions with VP (mm) | 670 x 1,100 x 2,200 |
| Three-phase current motor 400 V with frequency converter (kW) | 4.0 |
| Spindle speed, stepless (1/min) | |
| R1 (1-stage) | 0-1,000 |
| R2 (1-stage) | 0-1,600 |
| R3 (2-stage with gearing) | 0-4,000 |

SB 40 Plus

| | |
|--------------|---------|
| Feed | by hand |
| Weight (kg) | 400 |
| Order no. R1 | 230.530 |
| Order no. R2 | 230.531 |
| Order no. R3 | 230.532 |

SB 40 MV Plus

| | |
|--------------------|----------------|
| Feed (mm/rotation) | 0.10/0.16/0.25 |
| Weight (kg) | 420 |
| Order no. R1 | 230.535 |
| Order no. R2 | 230.536 |
| Order no. R3 | 230.537 |

Additional accessories from page 62

* The drilling machine is fitted with a frequency converter and complies with the standards DIN EN 55011:2016 & A1:2017.

Accessories

Drill package 6

- ▶ Vice [felix] 150 2.0
- ▶ Taper mandrel MK IV/B18
- ▶ Reduction sleeve MK IV/MK III
- ▶ Reduction sleeve MK IV/MK II
- ▶ Quick-change drill chuck B18 3-16 mm (accuracy 0.17 mm)
Order no. 296.595

