

Robust bench drills and upright drilling machines with V-belt drive

Convincing arguments: quality, efficiency and price

- Smooth running and powerful electrical motor
- Easy-to-operate safety switch according to IP 54 with undervoltage release and separate EMERGENCY-STOP push button
- 400 volt types with right-handed/left-handed rotation
- Drilling depth stop
- Precisely worked working table with diagonally running T-slots
- Height adjustment of the drilling table via toothed rack
- The working table can be inclined by $\pm 45^\circ$ and turned by 360°
- V-belt cover with safety switch
- Aluminium die-cast sleeve lever made of one piece with Softgrip handles
- Solid, largely dimensioned base plate with slots, heavily ribbed at the rear side (for OPTi drill B 33Pro T-slots)
- Heavy type of the whole machine

V-belt



Fig.: B 17Pro



Fig.: B 23Pro



Fig.: B 26Pro



Fig.: B 33Pro




Belt drive

- High running smoothness thanks to ground multi-toothed follower
- Best power transmission due to aluminium belt pulleys in connection with toothed GATES quality V-belt



- Guaranteed true running accuracy ≤ 0.02 mm measured in the drilling spindle
- Drilling spindle with precision ball bearings
- High-quality **ROHM** quick-action drill chuck as
- Largely dimensioned, height adjustable protective screen with safety switch

Technical data and accessories

Type	B 17Pro	B 23Pro	B 26Pro	B 33Pro
Item No (230 V)	300 3171	300 3231 (230 V)	-	-
Item No (400 V)	-	300 3233 (400 V)	300 3263	300 3333
Machine datas				
Electrical connection	230 V / 1 Ph ~50 Hz	230 V/1 Ph or 400 V/3 Ph	400 V / 3 Ph ~50 Hz	400 V / 3 Ph ~50 Hz
Motor power	500 W	750 W	750 W	1.1 kW
Drilling capacity				
Drilling capacity in steel (S235JR)	Ø 16 mm	Ø 25 mm	Ø 25 mm	Ø 30 mm
Continuous drilling capacity in steel	Ø 12 mm	Ø 20 mm	Ø 20 mm	Ø 25 mm
Spindle seat				
Spindle stroke	65 mm	80 mm	85 mm	120 mm
Spindle seat	MT 2	MT 2	MT 3	MT 4
Throat	152 mm	180 mm	210 mm	254 mm
Speeds				
Spindle speeds	500 - 2'520 min ⁻¹	200 - 2'440 min ⁻¹	200 - 2'440 min ⁻¹	120 - 1'810 min ⁻¹
Number of steps	5 steps	12 steps	12 steps	9 steps
Drilling table				
Work surface table length x width	235 x 220 mm	280 x 245 mm	330 x 290 mm	475 x 425 mm
T-slot size	12 mm	12 mm	14 mm	14 mm
Drilling table swiveling/turnable	± 45° / 360°	± 45° / 360°	± 45° / 360°	± 45° / 360°
Distance spindle - table (max.)	325 mm	425 mm	720 mm	695 mm
Work surface stand length x width	220 x 230 mm	240 x 250 mm	385 x 260 mm	410 x 270 mm
Distance spindle - stand (max.)	530 mm	618 mm	1'230 mm	1'180 mm
Dimensions				
Column diameter	Ø 60 mm	Ø 73 mm	Ø 80 mm	Ø 92 mm
Length x width x height	600 x 260 x 860 mm	654 x 330 x 1'012 mm	700 x 350 x 1'670 mm	860 x 480 x 1'720 mm
Total weight	39 kg	66 kg	82 kg	135 kg
Standard equipment				
	Morse taper MT 2 - B 16		Morse taper MT 3 - B 16	Morse taper MT 4 - B 16
	 Quick-action drill chuck (3 - 16 mm) B16 T-slots			

Accessories OPTI drill B 17Pro / B 23Pro	Item No
Direct quick-action drill chuck:	
MT 2 / 1 - 16 mm	305 0571
MT 2 / 1 - 13 mm	305 0572
Morse taper MT 2 - B16	305 0659
Twist drill kit coated with titanium 13mm	305 1010
Twist drill HSS / MT 2	305 1002
Clamping tool kit SPW 10	335 2016
Cone drill drift MSP1	305 0636
Universal coolant equipment 230 V	335 2002

Machine vices	Item No
BMS 100	300 0010
BMS 120	300 0012
BSI 100	300 0210
BSI 140	300 0214
BSI-Q 100	300 0230
BSI-Q 140	300 0240



Accessories OPTI drill B 26Pro	Item No
Direct quick-action drill chuck MT3	305 0573
Reducing bushes MT 3 - MT 2	305 0663
Morse taper MT 3 - B16	305 0660
Twist drill kit coated with titanium 13mm	305 1010
Twist drill HSS / MT 3	305 1003
Clamping tool kit SPW 12	335 2017
Cone drill drift MSP1	305 0636
Tapping chuck M5-M12	335 2042
Universal coolant equipment 400 V	335 2001

Accessories OPTI drill B 33Pro	Item No
Direct quick-action drill chuck MT4	305 0574
Reducing bushes MT 4 - MT 3	305 0664
Morse taper MT 4 - B16	305 0661
Twist drill kit coated with titanium 13mm	305 1010
Twist drill HSS / MT 3	305 1003
Clamping tool kit SPW 12	335 2017
Cone drill drift MSP2	305 0637
Tapping chuck M5-M12	335 2042
Universal coolant equipment 400 V	335 2001

Please find further information on „Accessories for drilling machines“ on page 45