

OPTIdrill® B 40GSP / B 40GSM

Heavy-duty gearbox drilling machine with thread tapping device

Facts that impress in terms of quality, performance and price

- ▶ Heavy, solid cast design
- ▶ Automatic gearwheel lubrication via oil pump
- ▶ Excellent concentricity thanks to hardened and polished main spindle
- ▶ Thread tapping device.
- ▶ Main switch and motor circuit breaker
- ▶ Adjustable drilling depth stop with millimetre scale
- ▶ Machine lamp integrated in drilling head
- ▶ Precision, generously dimensioned drilling table, solid workmanship, with diagonal T-slots and recirculating coolant duct, reinforcing ribs on rear

- ▶ Integrated push-out tool for easy tool changes
- ▶ Coolant system and chip filter in line with Machinery Directive
- ▶ Thick walled cast column for high force absorption and stability
- ▶ Solid baseplate, large dimensions, extremely stable

OPTIdrill B 40 GSM

- ▶ Electrical spindle sleeve feed

OPTIdrill B 40GSP

- ▶ Manual spindle sleeve feed

Spindle sleeve feed 2 speeds 0.1/0.2 mm/rev



B 40GSM - electrical

For deep drilling or blind hole drilling, the clutch on the automatic spindle sleeve feed can be released or engaged at any time by pressing the button on the feed handle



B 40GSP - manual

Control Cabinet



- › Clear-cut layout
- › Generously dimensioned
- › Certified switches by ABB
- › 24V AC
- › Certified components by Siemens or Schneider



Fig.: B 40GSP

Fig.: B 40GSM



Technical specifications, accessories and dimensions

Model	B 40GSP
Article no.	3034403
Model	B 40GSM
Article no.	3034400

Technical specifications	
Electrical connection	400 V / 3 Ph ~50 Hz
Total rated value	0.85 / 1.5 kW
Coolant pump motor	40 W
Drilling performance	
Drilling performance in steel (S235JR)	Ø 35 mm
Cont. drilling performance in steel (S235JR)	Ø 30 mm
Thread tapping steel (S235JR)	M24
Spindle seat	
Spindle sleeve stroke	180 mm
Spindle seat	MT 4
Throat	350 mm
Spindle sleeve feed	2 speeds, 0.1/0.2 mm/rev
Speeds	
Spindle speeds	50 - 1 450 rpm
Number of speeds	18 speeds
Drilling table	
Workspace drilling table length x width	560 x 560 mm
T-slot size	18 mm, diagonal
Rotating drilling table	± 90°
Clearance spindle - drilling table	max. 780 mm
Drilling table load bearing capacity	250 kg
Machine base	
Machine base work area L x W	510 x 500 mm
T-Slot size / no / distance	18 mm / 2 / 150 mm
Clearance spindle - machine base	max. 1 320 mm
Dimensions	
Column diameter	Ø 150 mm
Length x width x height	935 x 530 x 2 280 mm
Overall weight	465 kg 500 kg

Scope of supply

- › Quick-action drill chuck 1 - 16 mm
- › Morse taper MT 4/B16

Accessories	Article no.
Assortment of clamping tools size 16, 58-parts	3352019
Blank holder 14 mm/M12	3352031
Quick release chuck direct MT 4 / 1 - 16 mm	3050574
Twist drill bits HSS-CO 5% , 25 parts	3201010
Twist drill bits HSS-CO 5% , 51 parts	3201020
Twist drill bits HSS-CO 5% , 41 parts	3201021
Reduction sleeve MT 4 - MT 3	3050664
> More „Accessories for drills“ from page 64	

Machine vices	Article no.
BSI 100	3000210
BSI 140	3000214
BSI-Q 100	3000230
BSI-Q 140	3000234

- › Information on the visas on page 71

Dimensions

