

Technical specifications DMG Deckel Maho DMF180 (2010)

Working area

X / Y / Z travels: mm 1800/700/700

B-axis: +/- 100° / 0,001°

C-axis: ø 300 / 0,001°

Linear axes (X / Y / Z)

Feedrate: mm/min 40,000

Rapid traverse (dynamic version): m/min 40 (80)

Acceleration (dynamic version): g 4 (8)

Feed thrust (X / Y / Z): 8/8/8

Positioning Accuracy

Pmax. (X / Y / Z) – VDI DGQ 3441 / ISO 230-2: µ 10/10/10

Table

Table dimension fixed table: mm 2100×700

Max. load fixed table: kg 1500

Loading height (upper table edge): mm 875

Integrated NC Table

Diameter integrated NC table: mm 750

Max. load NC table: kg 500

Main drive

Rotational speed: rpm 18000

Torque (40/100%): Nm 130/86

Power (40/100%): kW 20/13.5

Tool holder: SK40

Tool magazine

Tool holder: SK40

Capacity: 60 pockets

Max tool Diameter: mm 80

Max tool length: mm 300

Max tool Weight: kg 6

Chip-to-chip time: sec. 7.6

CNC-control: DMG MORI ERGOline HEIDENHAIN iTNC530

Hours

Power on hours: 59471h

Spindle hours: 25109h

Internal cooling: yes

Coolant air: yes

Chip conveyor: included

Machine dimensions

Length (with chip conveyor): 4368 (5553) mm

Width: 3420 mm

Height: 2693 mm

Weight: 13250kg