

MAZAK - QTE-200MY SG - 2023



Manufacturer: **MAZAK**

Type: **QTE-200MY SG**

Year of manufacturing: **2023**

Parameters: **maximum turning diameter: 695 mm**

Description:

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- **825 working hours only**

- maximum turning diameter: 695 mm
- standard machining diameter: 235 mm
- chuck size: 8"
- maximum machining length: 535.0 mm
- maximum machining diameter: 340 mm
- maximum bar diameter: 65 mm
- Ø65 mm with chuck BR08A615
- Ø52 mm with chuck B208A615
- maximum chuck load: 200 kg
- maximum workpiece weight (shaft machining): 500 kg
- distance from spindle nose to tailstock: 81 – 686 mm

Main Spindle

- maximum speed: 5000 rpm
- minimum speed: 35 rpm
- spindle nose: JIS A2-6
- acceleration / deceleration time: 2.64 s
- motor power (25% duty): 15.0 kW
- motor power (continuous): 11.0 kW
- maximum torque: 167 Nm

Turret (Tool Head)

- number of stations: 12
- external turning tool size: 25 mm
- internal turning tool size: 40 mm
- drill tool size: 20 mm
- Mmilling tool size: 20 mm
- threading tool size: M20
- indexing time (one step): 0.23 s
- indexing time (full rotation): 0.63 s
- driven tool power (continuous): 3.7 kW
- driven tool power (40% duty): 5.5 kW
- max. driven tool speed: 4500 rpm
- min. driven tool speed: 20 rpm
- max. driven tool torque: 47 Nm

Tailstock

- taper: MT No.5
- stroke: 565 mm
- maximum thrust force: 5000 N

Axis Movements

- rapid traverse X: 30 m/min
- rapid traverse Y: 10 m/min
- rapid traverse Z: 30 m/min
- C-axis speed: 555 rpm
- travel X: 215 mm
- travel Y: 100 mm
- travel Z: 605 mm

Additional

- coolant tank capacity: 225 L
- coolant pump: MTA70H-250 A-W-A-B (GRUNDFOS)
- number of pumps: 1
- pump power: 0.25 kW
- machine power consumption (40%): 27.8 kVA
- continuous power consumption: 22.0 kVA
- air pressure: 0.5 MPa
- air consumption: 370 L/min

Machine Dimensions

- spindle center height: 1020 mm
- length: 2785 mm
- width: 1690 mm
- height: 1725 mm
- weight: 4650 kg