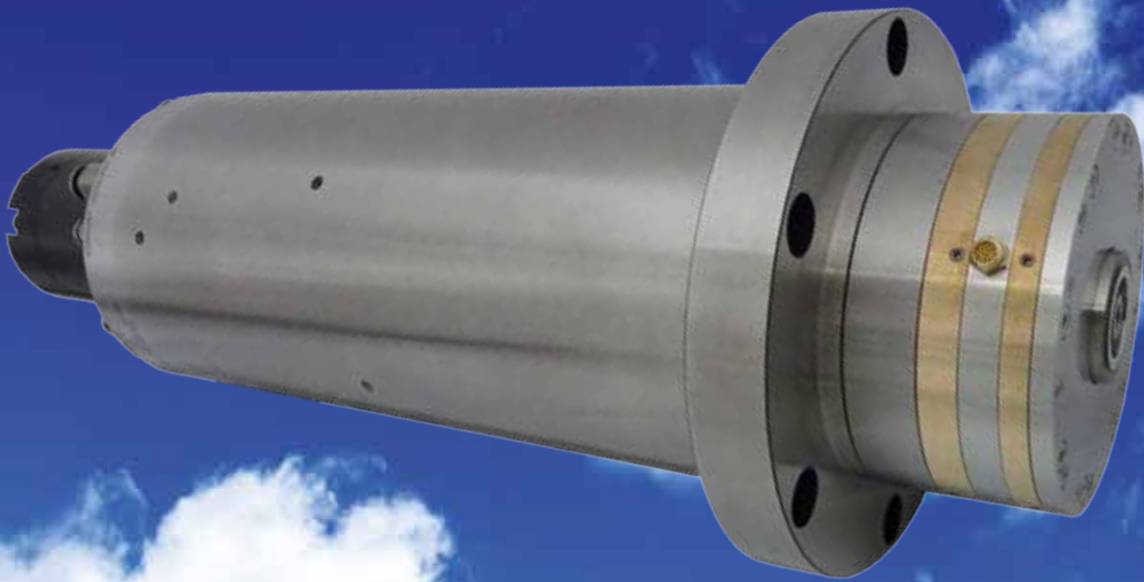




Air Bearings Limited
Via Mechanics Group

MM040A

Heavy-Duty Air Bearing Spindle



Heavy-Duty Air Bearing Spindle

Your best partner for the next generation of machine tools



www.airbearings.co.uk

Air Bearings Limited

1 Witney Road, Nuffield Industrial Estate, Poole, Dorset. BH17 0GH

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Email: sales@airbearings.co.uk



Air Bearings Limited
Via Mechanics Group

MM040A

Heavy-Duty Air Bearing Spindle

MM040A

- HSK-E25 ATC System
- High Speed 40k RPM
- High Power Output 2.5kW
- High Load Capacity
- Tool Clamp Status Monitoring
- Encoder Feedback

Spindle Model	MM040A
Tool Change System	HSK-E25
Speed Range	0 - 40,000 RPM
Motor Output Power	3.7 kW Peak 2.5 kW Continuous
Torque Continuous	0.6 Nm
Motor Type	3 Phase 4 Pole AC
Rated Current	11.3 A
Radial Failure Load	150 N
Axial Failure Load	450 N
Shaft Taper Runout	<1 µm
Air Supply Pressure	5.5 - 6.0 kgf/cm ²
Air Consumption	<100 L/min
Coolant Flow	3 L/min
Coolant Inlet Temp	15 - 19 °C
Spindle Mass	23 kg

APPLICATIONS

- Rigid Tapping
- Die Finishing (Hardened Stainless Steel)
- Precision Glass Grinding
- Aluminium Case Manufacture



The next generation of technology requires the next generation of machine tools and that is why ABL have developed the **Heavy-Duty** Air Bearing Spindle range. Ideal for heavy duty routing, grinding and finishing as used in mobile phone, touchscreen and dental crown manufacture.

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