



*Air Bearings Ltd*

**AW160D  
PCB DRILLING SPINDLE**



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# AW160D 160,000 RPM PCB DRILLING SPINDLE

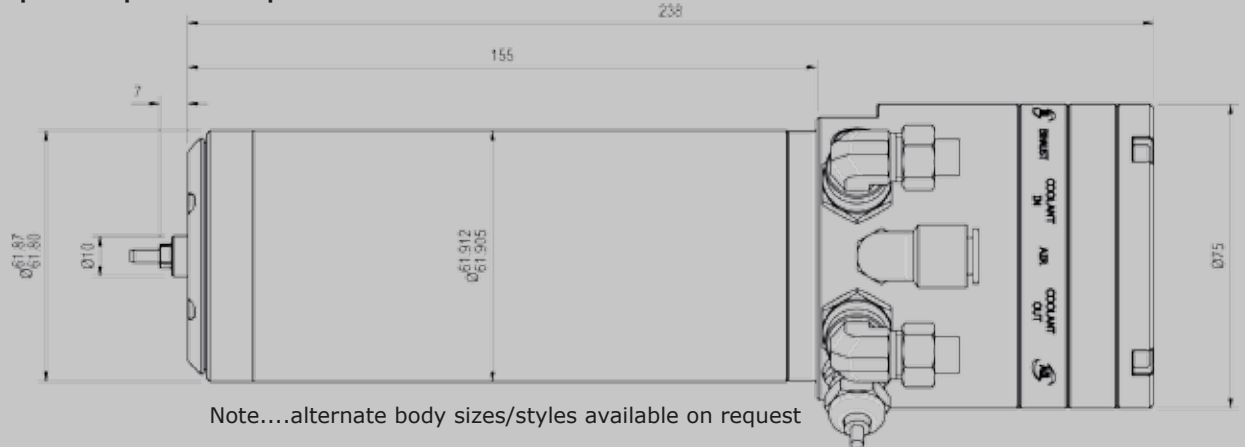
- EXCEPTIONAL RELIABILITY
- INDUSTRY PROVEN
- LOW COST
- LOW MAINTENANCE

The AW160D offers a robust, yet affordable, solution for the PCB drilling industry that is based on an industry proven design. The AW160D takes reliability to a new level resulting in reduced down time and increased productivity.

Low dynamic run out and increased motor torque provide accurate and repeatable drill quality throughout the available speed range.

Long life, low maintenance and an efficient after sales service make the AW160D the spindle of choice for PCB drilling.

Speed probe option also available.



Note....alternate body sizes/styles available on request

Speed range	15,000 ~ 160,000 rpm
Motor power	500W @ 60k rpm
Air Pressure	5.5 kgf/cm <sup>2</sup>
Coolant	Water / oil
Coolant flow	2 l/min
Coolant input temperature	15~20°C
Dynamic runout*	<5µm
Drill size	Max Ø6.35mm
Mass	3.2 kg
Collet size**	Ø1/8"
Max axial load	190N
Max static radial load***	70N

\* Measured 15mm from collet nose

\*\* Other sizes available on request

\*\*\* Measured at end of collet

ABL reserves the right to change specifications without notice

ABL has been manufacturing dedicated PCB drilling spindles since 1993. Situated on the south coast of England, ABL operates from a 4600m<sup>2</sup> purpose built facility.

For more information visit.....

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