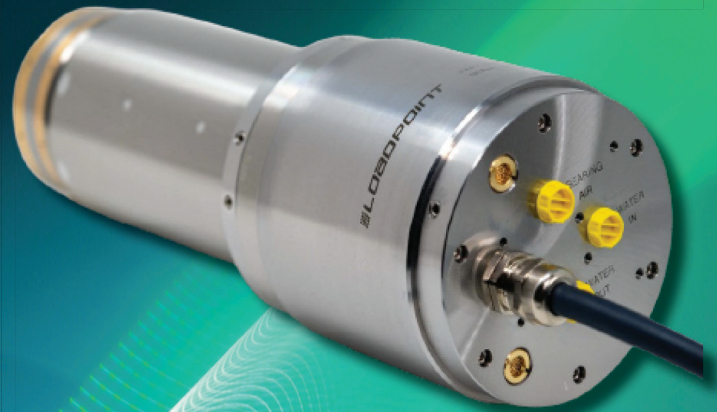


AIR BEARING GRINDING SPINDLE

10776

Maximum Speed	20,000 rpm
Air Supply Pressure	5.5 bar
Bearing Air Consumption	60 l/min
Cooling Water Flow	0.9 l/min
Axial Failure Load	> 300 N
Radial Failure Load	> 160 N
Radial Stiffness	13.6 N/um
Axial Stiffness	18.1 N/um
Motor	3 Phase, 0-177 V, 0-333 Hz
Motor Power	2.0 kW at 20,000 rpm
Weight (Approx)	15 kg



KEY BENEFITS

- OUR AIR BEARING GRINDING SPINDLES ARE INSTRUMENTAL IN THE PRECISION GRINDING OF DIAMOND TOOLS, ENSURING THAT TOOLING COMPANIES CAN PRODUCE THE FINEST QUALITY TOOLS FOR OPTICAL MANUFACTURING.
- OFFER HIGH PRECISION AND SMOOTH OPERATION ACROSS A BROAD RANGE OF MATERIALS, FROM THE HARDEST DIAMONDS AND CBN TO TRADITIONAL HARD TOOLS, ENSURING ADAPTABLE, HIGH-QUALITY GRINDING FOR VARIOUS INDUSTRIES.
- OUR SPINDLES OFFER MINIMAL FRICTION AND WEAR, ENSURING EXCEPTIONAL GRINDING PERFORMANCE AND A SUPERIOR SURFACE FINISH.

