AIR BEARING DICING SPINDLE 11400

EXCEPTIONALLY HIGH LOAD CAPACITY AND ROTOR STIFFNESS

FLANGE AND NON FLANGE MOUNTING AVAILABLE

WATER COOLING

OPERATE IN A WET ENVIRONMENT

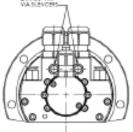
LEFT AND RIGHT-HANDED VERSIONS AVAILABLE TO SUIT DUAL SPINDLE MACHINES

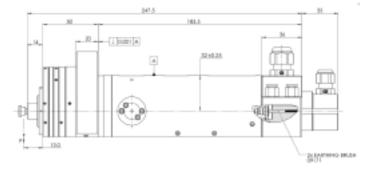
INTEGRATED CONTACT BRUSHES FOR HEIGHT SENSING MEASUREMENT

Speed Range	60,000 rpm
Motor Power	2.2 kw
Air Supply Pressure	5.5 bar
Bearing Air Consumption	80 l/min
Axial Load Capacity	> 160 N
Radial Load Capacity	> 100 N
Axial Stiffness	10 N/μm
Radial Stiffness	7 N/μm
Taper Runout	≤ 1 μm
Motor Type	Brushless DC
Weight (approx)	9 kg
Body Diameter (nominal)	80 mm
Vibration with wheelmount	< 0.2 mm/s
Vibration without wheelmount	< 0.1 mm/s

KEY BENEFITS

- SUPPORTS 2" AND 3" BLADES.
- RANGE OF HUBLESS BLADE HUBS AVAILABLE TO SUIT 40MM BLADE I/D.
- WHEELMOUNT TO SUIT HUBBED BLADES AVAILABLE.
- INCREASED POWER MOTOR: 2.2 KW
- IMPROVED BRUSH LIFE, ENHANCED DUST EXTRACTION TO REMOVE DEBRIS FROM THE BRUSH AREA.
- INTEGRAL PNEUMATIC SHAFT LOCK FOR EASY
 BLADE REPLACEMENT.
- NEW AIR SEAL LABYRINTH INCORPORATED AT THE SPINDLE FRONT – TO PREVENT DIRT PENETRATION.





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