

DMS-045-60000-0.5A-B121

DENTAL MILLING SPINDLE

Equip your dental machining centre with an extremely precise and reliable dental spindle uniquely designed for dry and wet dental milling applications. Achieve better results faster by milling high quality restorations in the most time efficient and economic way.

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|-------------------------------|----------------------------------|
| DIAMETER | Φ45mm |
| THE HIGHEST SPEED | 60,000rpm |
| TOOL INTERFACE | DB121 Draw-in collet |
| BEARING TYPE | Ceramic ball bearing |
| MAX. FREQUENCY | 1,000Hz |
| MOTOR SYSTEM | Asynchronous |
| THE RATED VOLTAGE | 220V |
| POWER OUTPUT S1 100% | 0.5kW |
| POWER OUTPUT S6 40% | 0.75kW |
| OUTPUT TORQUE S1 100% | 0.08N.m |
| OUTPUT TORQUE S6 40% | 0.12N.m |
| RATED CURRENT S1 100% | 1.8A |
| RATED CURRENT S6 40% | 2.7A |
| AIR SEAL GAS FLOW RATE | 45-65L/min(Air pressure 0.25MPa) |
| COOLING SYSTEM | Air cooling |
| THE COOLING FLOW RATE | ≥76L/min |
| MOTOR TEMPERATURE SENSOR TYPE | KTY |
| TOOL CHANGE | Cylinder |
| TOOL CHANGE AIR PRESSURE | 0.56-0.60MPa |
| VIBRATION VELOCITY | 1.0mm/s |
| ELECTRIFIED FEATURE | None |
| WEIGHT | 2.3kg |
| DRIVER | DiB-0.75-2S |
| BRAKE RESISTOR | Aluminum resistor 115*41*7 |
| AC POWER SUPPLY | 220V |

Motor power and torque diagram

