

HPC-210-18000-37-HSK

HIGH PERFORMANCE CUTTING SPINDLE

HPC motorspindles are specifically designed for a wide variety of operations. From powerful roughing resulting in large chip removal rates to low vibration during finishing, this spindle has been optimized to achieve its impressive performance.

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|-------------------------|-------------------|
| DIAMETER | Ø210mm |
| LENGTH | 395mm |
| TOOL INTERFACE | HSK-T63 |
| MAX. SPEED | Oil-air:18,000rpm |
| MOTOR TECHNOLOGY | Synchronous motor |
| POWER S1-100% | 37kW |
| POWER S6-40%(2 MIN) | 44.4 kW |
| TORQUE S1-100% | 80Nm |
| TORQUE S6-40%(2 MIN) | 96Nm |
| SPINDLE COOLING | Water |
| COOLANT THROUGH SHAFT | Water / Oil mist |
| ENCODER | Sin/cos, 1 Vpp |
| THERMISTOR IN COIL | KTY84-130 |
| THERMISTOR FOR BEARINGS | PT100 |
| VIBRATION SENSOR | Optional |
| SPINDLE GROWTH SYSTEM | Optional |
| TURNING | Supported |
| WEIGHT | 90kg |

