

# HPC-150-20000-13.5-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.

|                         |                    |
|-------------------------|--------------------|
| DIAMETER                | Ø150mm             |
| LENGTH                  | 599.5mm            |
| TOOL INTERFACE          | HSK-A63            |
| MAX. SPEED              | Grease:20,000 rpm  |
| MOTOR TECHNOLOGY        | Asynchronous motor |
| POWER S1-100%           | 13.5kW             |
| POWER S6-40%(2 MIN)     | 32.7kW             |
| TORQUE S1-100%          | 20.3Nm             |
| TORQUE S6-40%(2 MIN)    | 49Nm               |
| SPINDLE COOLING         | Water              |
| COOLANT THROUGH SHAFT   | Water / Oil mist   |
| ENCODER                 | Sin/cos, 1 Vpp     |
| THERMISTOR IN COIL      | KTY84-130          |
| THERMISTOR FOR BEARINGS | Non-supported      |
| VIBRATION SENSOR        | Non-supported      |
| SPINDLE GROWTH SYSTEM   | Non-supported      |
| TURNING                 | Non-supported      |
| WEIGHT                  | 55kg               |

