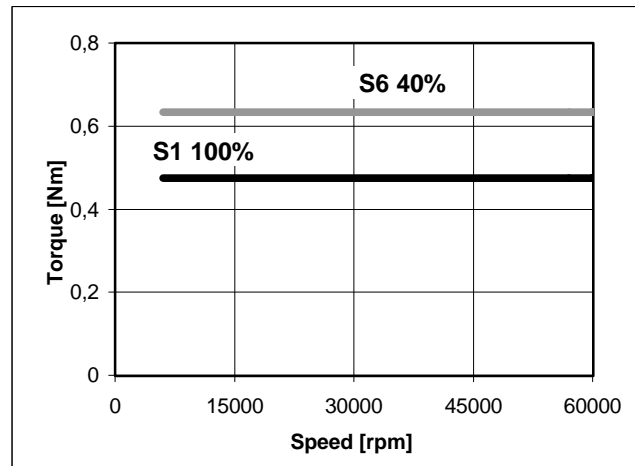
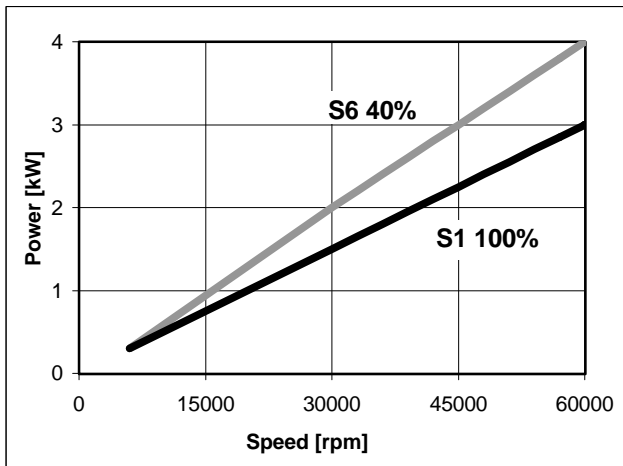


| | | | |
|------------|-----|-------|-------|
| SPEED | RPM | 30000 | 60000 |
| FREQUENCY | Hz | 500 | 1000 |
| POWER (S1) | KW | 1.5 | 3 |
| TORQUE | Nm | 0.5 | 0.5 |
| VOLTAGE | V | 190 | 350 |
| CURRENT | A | 6 | 6.2 |

| | |
|---|--|
| 1 | Motor connector Motor phases Earth Thermal Switch N.C. |
| 2 | Coolant inlet |
| 3 | Coolant outlet |
| 4 | Front bearings oil inlet lubrication 1 |
| 5 | Front bearings oil inlet lubrication 2 |
| 6 | Rear bearings oil inlet lubrication 1 |
| 7 | Inlet air tool change and air taper cleaning (6 bar) |
| 8 | Outlet cables proximity (PX1 - PX2) PX1 = Tool's arbor clamped. PX2 = Piston under pressure ready for receiving tools arbor. <u>The electrospindle cannot run.</u> |

Torque & Power Diagram



Technical data-sheet

| | | |
|--------------------|------------------------------|---------------------------------|
| PERFORMANCE | Max speed | 60000 rpm |
| | Power (S1) | 3 kW at 60000 rpm |
| | Power (S6-40%) | 4 kW at 60000 rpm |
| | Max torque | 0,5 Nm (S1) - 0,6 Nm (S6-40%) |
| | Front-side bearings diameter | 25 mm |
| | Axial stiffness | 160 N/ μ m |
| | Radial stiffness | 80 N/ μ m |
| | Type of adaptor | HSK E25 |
| | Tool diameter | From ϕ 0,5 to ϕ 10 mm |
| | Tool clamping force | 2300 N |
| Weight | 12 Kg | |

| | | |
|-----------------|---|--|
| SERVICES | Voltage | 350 V Three-Phases |
| | Pressurization | Front-side |
| | Taper cleaning of toll interface by air | Each tool change |
| | Tool change detection | Clamped - Unclamped - Without tool |
| | Clamping system | Automatic - Pneumatic Piston 6 bar |
| | Bearings lubrication | Oil-Air minimal lubrication system |
| | Type of bearings | High precision hybrid ceramic bearings |
| | Motor technology | Integrated Asynchronous Motor |
| | Spindle cooling | Water and Oil |
| | Motor's thermal sensor | Thermal Switch N.C. |
| | Machine Arbor Attachment | ISO 40 - ISO 50 DIN 69871 |
| | | BT 40 - BT 50 |
| | | HSK A50 - A63 DIN 69893 |
| | Other arbors upon request | |