

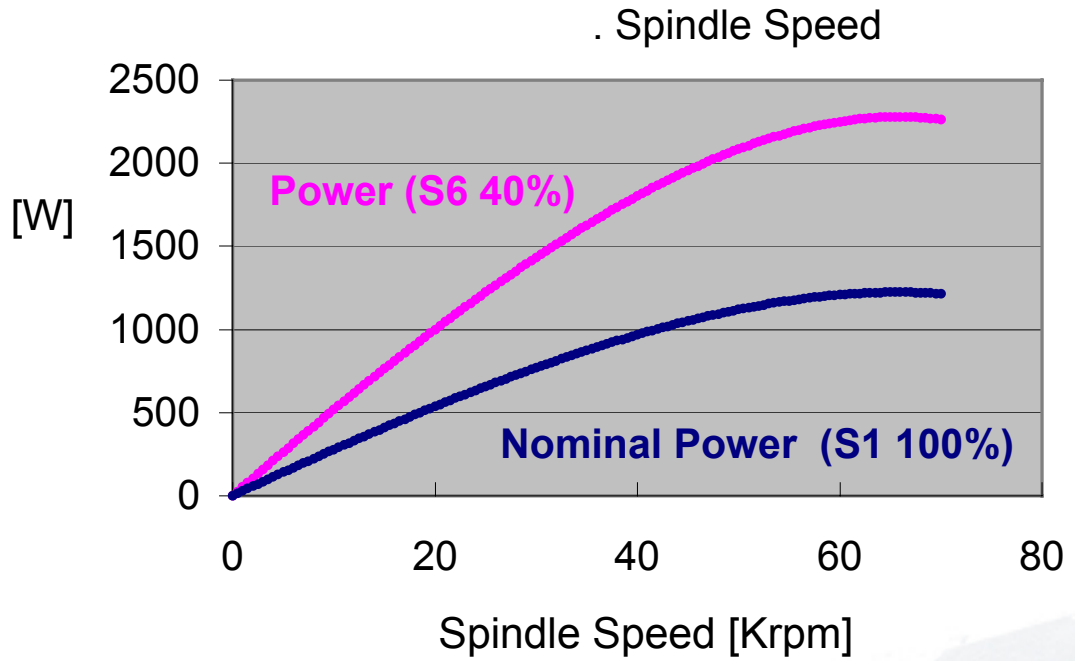
## Technical Specifications for Colibri - Motor Spindles:

### AHA: HF 55 L 4 D 60

- ◆ Speed range : up to 60,000 rpm
- ◆ Continuous power : 1200 W (S6 40% 2250 W)
- ◆ Peak Power : 8600 W
- ◆ Torque (S1) : 0.2 Nm at 60,000 rpm (S6 40% 0.35 Nm)
- ◆ Peak Torque : 2.1 Nm
- ◆ Stiffness : Radial 1 N/ $\mu$ m, axial 2 N/ $\mu$ m  $\rightarrow$  static
- ◆ Load Capacity : Radial 25 N, axial 90 N  $\rightarrow$  static
- ◆ Noise Level : Less than 75 db (A)
- ◆ Air Pressure : 5-7 bar
- ◆ Air Consumption : 30-40 Lpm
- ◆ Tool Holding : Collet
- ◆ Tool diameter : Up to 5 [mm]
- ◆ Tool release : Manual
- ◆ Guarantee : 24 month
- ◆ Run-out Radial : 0.2 – 0.5  $\mu$ m
- ◆ Run-out Axial : 0.2 – 0.5  $\mu$ m
- ◆ Spindle Weight : 2.1 Kg
- ◆ Spindle connections :
  - 2 quick release connectors for the air system
  - Power and signal D type connector
  - 2 quick release connectors for the Water cooling system

**Torque-diagram for Colibri-Motor Spindles:**

POWER



TORQUE

