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France

PRACARTIS
GROUPE

FRENCH LEADER

MARKETING AND REPAIR OF
HSM ELECTROSPINDLES

DESIGN OF SPECIFIC PRODUCTS
& MACHINING STRATEGY CONSULTANCY





THEY PUT THEIR TRUST IN US...

AIRBUS, DASSAULT, FIGEAC AERO, KUKA, MICHELIN,
PSA, RENAULT, SABCA, SAFRAN, SONACA, STAUBLI, STELIA, THALES, ...

NEW APPLICATIONS FOR HIGH-SPEED ELECTRIC MOTORS PRECISE France SAS – FISCHER AG

FUTURE DEVELOPMENTS for the 100% clean electric car

Synchronous electric traction motors

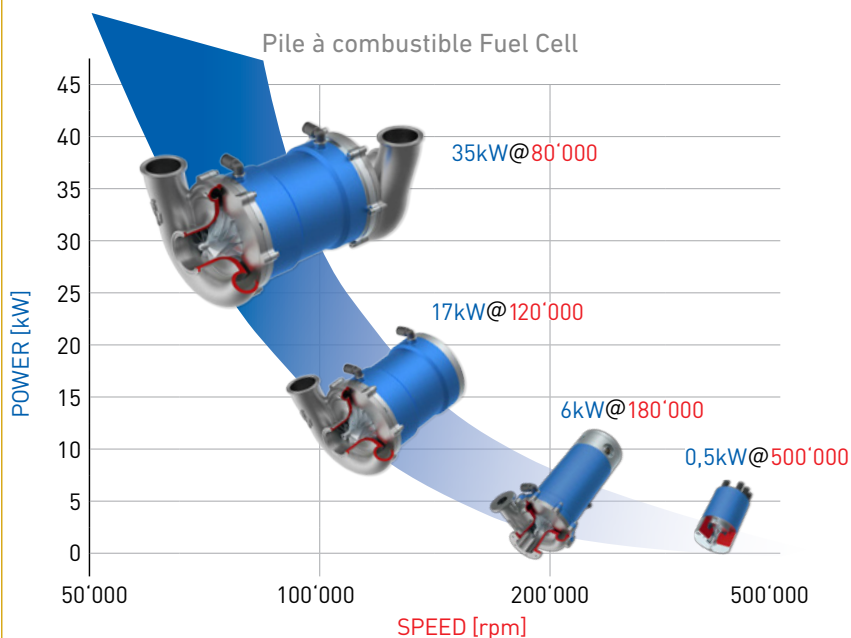
Project N°1

- Very high performance synchronous electric traction motors
- Small footprint diameter 180 mm
low weight 40 kg
- Rotation 4000 rpm to 18000 rpm
- Power S1 50 kW
- S1 torque 150 Nm



Project N°2

- Very high performance turbopump compressors for hydrogen engines (Fuel Cell) + heat pump
- Wear-free dynamic air bearings
- 17 kW at 120000 rpm
- 6 kW 160000 rpm
- Small footprint, low weight, maintenance-free





Founded in 1979, PRECISE France specialises in the sale and repair of FISCHER, PRECISE, FORTUNA, SYCOTEC and HSD high-speed electrospindles, as well as all the peripherals required for their correct operation. Thanks to these 5 brands, PRECISE France SAS covers a speed range up to 160,000 rpm, and a power range from 200 W to 440 kW.



AERONAUTICS

SPACE

AUTOMOTIVE

WATCHMAKING

MEDICAL

DENTAL

ELECTRONICS

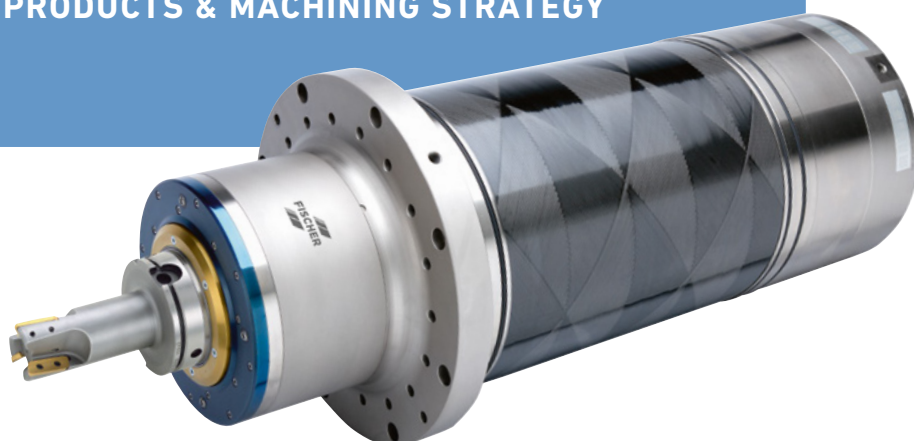
ENERGY

OPTICS

RAILWAY

MARKETING AND REPAIR OF HSM ELECTROSPINDLES

**DESIGN OF SPECIFIC PRODUCTS & MACHINING STRATEGY
CONSULTANCY**



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