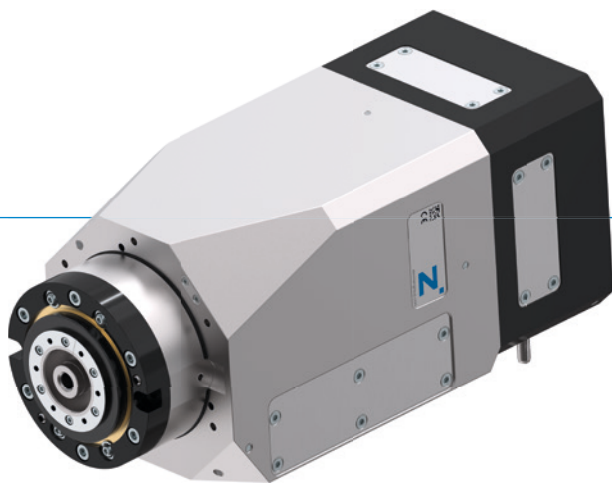


MOTOR SPINDLES

HF150-005-001

▶ PRODUCT ADVANTAGES



- ▶ **Rated power S1: 20 kW**
Rated torque S1: 18.5 Nm
Max. speed: 24,000 rpm
- ▶ Water cooling
- ▶ Hybrid bearings used for maximum performance
- ▶ Very high power density (synchronous motor)
- ▶ Very high torque (synchronous motor)
- ▶ Adapted for use in an angle head
- ▶ Suitable for machining light metals, composites, wood and plastics

▶ EQUIPMENT FEATURES



Conus cleaning of tool fixation



Labyrinth seal



Tool fixation monitoring



Sealing air



Speed monitoring



Automatic tool change



Controllable air connectors



Vector controlled / feedback



IO-Link

▶ OPTIONS



Aggregate interface



Bearing temperature sensor

▶ ACCESSORIES

We would be glad to help you select and configure the right accessories.

▶ TECHNICAL DATA

▶ HF150-005-001

Three phase synchron motor, 4-poles

Nominal output S1 [kW]	20.0
Rated torque S1 [Nm]	18.5
Nominal current S1 [A]	50.0
Nominal speed	10.300
Maximum speed	24.000
Tool interface	HSK-F63
Motor technology	Synchronous
Number of poles	4
Release unit	Pneumatic
Cooling	Water
Weight [kg]	36

▶ Interface Diagram

	Interface
A	Tool unlocked
E, F	Cooling system inlet and outlet
Hx	Controllable connection
KR	Conus cleaning
SPL	Sealing air
XD1	Power and signal connector

