

# MOTOR SPINDLES

## HF125-002-002

### ▶ PRODUCT ADVANTAGES



- ▶ **Rated power S1: 12 kW**  
**Rated torque S1: 9 Nm**  
**Max. speed: 24,000 rpm**
- ▶ Water cooling
- ▶ IO-Link communication
- ▶ Designed as unit carrier
- ▶ Adapted for use in an angle head, for example
- ▶ Hybrid bearings used for maximum performance
- ▶ Ideal for processing wood, plastics, lightweight metal and composites

### ▶ EQUIPMENT FEATURES



Conus cleanig of tool fixation



IO-Link



Labyrinth seal



Controllable air connectors



Tool fixation monitoring



Sealing air



Speed monitoring



Automatic tool change

### ▶ OPTIONS



Acceleration sensor



Vector controlled / feedback



Aggregate interface



Robot change unit

### ▶ ACCESSORIES



Frequency inverter

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Control units

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Adapter  
Frequency inverter

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Cooling units/  
connector set

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Power lines

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Signal lines

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## ▶ TECHNICAL DATA

### ▶ HF125-002-002

Three phase asynchron motor, 4-poles

Nominal output S1 [kW]	12.0
Rated torque S1 [Nm]	9.0
Nominal current S1 [A]	25.0
Nominal speed	12.730
Maximum speed	24,000
Tool interface	HSK-F63
Motor technology	Asynchronous
Number of poles	4
Release unit	Pneumatic
Cooling	Water
Weight [kg]	15

### ▶ 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
XG2	Signal connector

