

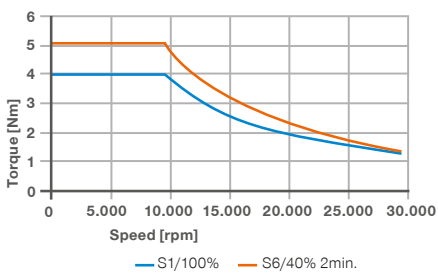
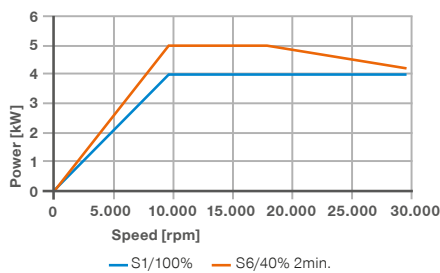
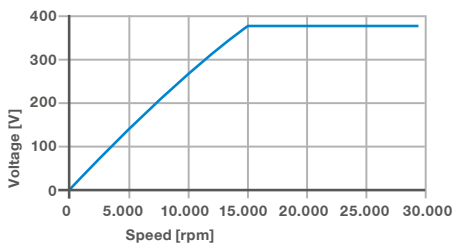
MOTOR SPINDLE

HF100-010-001

PRODUCT ADVANTAGES



- ▶ **Rated power S1: 4 kW**
- ▶ **Rated torque S1: 4 Nm**
- ▶ **Max. speed: 30,000 1/min**
- ▶ Liquid cooling
- ▶ Manual tool change



TECHNICAL DATA

Order no.		HF100-010-001	
Engine cooling	Liquid	Maximum speed [1/min]	30,000
Motor technology	Asynchronous	Tool interface	HSK-C32
Number of poles	4	Clamping force [N]	5,000
Rate voltage [V]	255	Tool exchange	manual
Nominal output S1 [kW]	4.0	Release unit	none
Nominal speed [1/min]	9,500	Bearing lubrication	Grease
Rated torque S1 [Nm]	4.0	Storage protection	Labyrinth with sealing air
Nominal current S1 [A]	15.0	speed sensor	2 pulses per revolution
Relative duty cycle S6 [%]	40	Motor cooling - operating pressure [bar]	2.0 ... 7.0
Playing time S6 [min]	2	Sealing air - operating pressure [bar]	1.6 ... 2.0
Nominal output S6 [kW]	5.0	Certifications	CE / UKCA / LABS / REACH / RoHS
Nominal torque S6 [Nm]	5.1	Weight [kg]	8.7
Nominal current S6 [A]	19.0		

Legend		Interface	
Sealing air	SPL	Power	XD1
Motor cooling	E, F	Signal	XG2

► TECHNICAL DRAWINGS

