

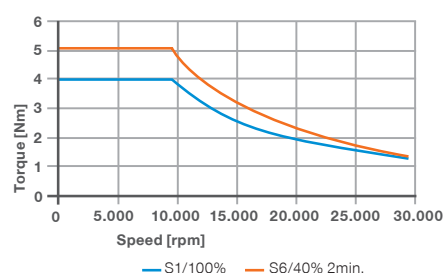
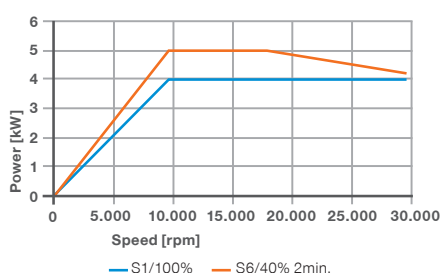
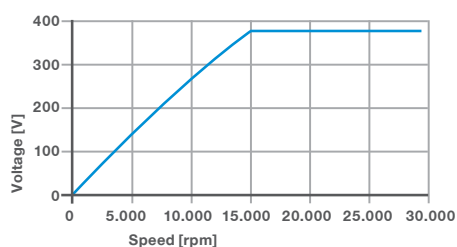
MOTOR SPINDLE

HF100-012-002

► PRODUCT ADVANTAGES



- **Rated power S1: 4 kW**
- **Rated torque S1: 4 Nm**
- **Max. speed: 30,000 1/min**
- Liquid cooling
- Automatic Tool Change
- Encoder (with integrated safety)



► TECHNICAL DATA

Order no.	HF100-012-002		
Engine cooling	Liquid	Clamping force [N]	5,000
Motor technology	Asynchronous	Tool exchange	automatic
Number of poles	4	Release unit	pneumatic
Rate voltage [V]	255	Bearing lubrication	Grease
Nominal output S1 [kW]	4.0	Storage protection	Labyrinth with sealing air
Nominal speed [1/min]	9,500	Encoder	1Vss 180
Rated torque S1 [Nm]	4.0	speed sensor	2 pulses per revolution
Nominal current S1 [A]	15.0	Release tool - operating pressure [bar]	6.0 ... 7.0
Relative duty cycle S6 [%]	40	Clamping the tool - operating pressure [bar]	6.0 ... 7.0
Playing time S6 [min]	2	Motor cooling - operating pressure [bar]	2.0 ... 7.0
Nominal output S6 [kW]	4.0	Cone cleaning - operating pressure [bar]	4.0 ... 7.0
Nominal torque S6 [Nm]	4.0	Sealing air - operating pressure [bar]	1.6 ... 2.0
Nominal current S6 [A]	19.0	Certifications	CE / UKCA / LABS / REACH / RoHS
Maximum speed [1/min]	30,000	Weight [kg]	10
Tool interface	HSK-E32		

Legend	Interface		
Tool unlocked	A	Motor cooling	E, F
Tool clamping	AZ	Power	XD1
Taper cleaning	KR	Signal	XG2
Sealing air	SPL	Encoder	XG3

