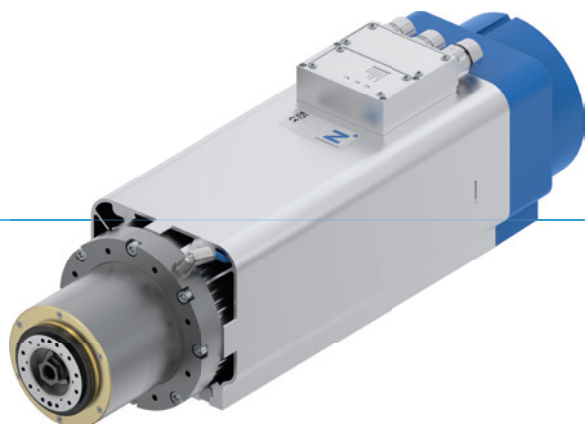


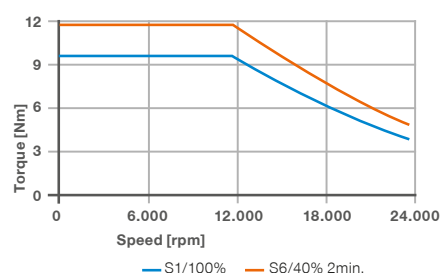
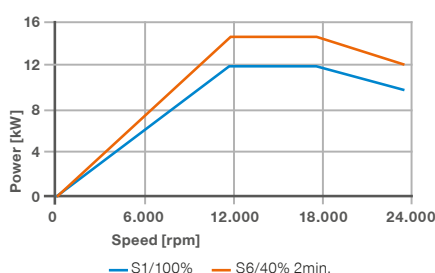
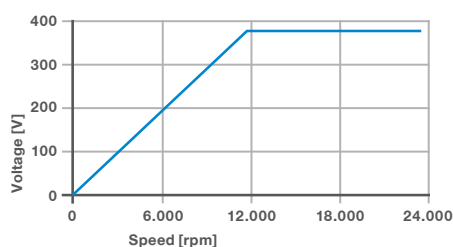
MOTOR SPINDLE

HF145-001-006

► PRODUCT ADVANTAGES



- **Rated power S1: 11.8 kW**
- **Rated torque S1: 9.6 Nm**
- **Max. speed: 24,000 1/min**
- Air cooling via electric fan
- Automatic Tool Change
- Encoder (with integrated safety)
- IO-Link ready



► TECHNICAL DATA

Order no.	HF145-001-006		
Engine cooling	Electric fan	Clamping force [N]	11,000
Motor technology	Asynchronous	Tool exchange	automatic
Number of poles	4	Release unit	pneumatic
Rate voltage [V]	380	Bearing lubrication	Grease
Nominal output S1 [kW]	11.8	Storage protection	Labyrinth with sealing air
Nominal speed [1/min]	11,780	Encoder	1Vss 256
Rated torque S1 [Nm]	9.6	speed sensor	2 pulses per revolution
Nominal current S1 [A]	25.0	IO-Link capable	Yes
Relative duty cycle S6 [%]	40	Release tool - operating pressure [bar]	6.0 ... 7.0
Playing time S6 [min]	2	Clamping the tool - operating pressure [bar]	6.0 ... 7.0
Nominal output S6 [kW]	14.5	Cone cleaning - operating pressure [bar]	4.0 ... 7.0
Nominal torque S6 [Nm]	11.8	Sealing air - operating pressure [bar]	6.0 ... 7.0
Nominal current S6 [A]	29.0	Certifications	CE / UKCA / LABS / REACH / RoHS
Maximum speed [1/min]	24,000	Weight [kg]	32
Tool interface	HSK-F63		

Legend	Interface		
Tool unlocked	A	Power	XD1
Tool clamping	AZ	Signal	XG2
Taper cleaning	KR	Encoder	XG3
Sealing air	SPL		

► TECHNICAL DRAWINGS

