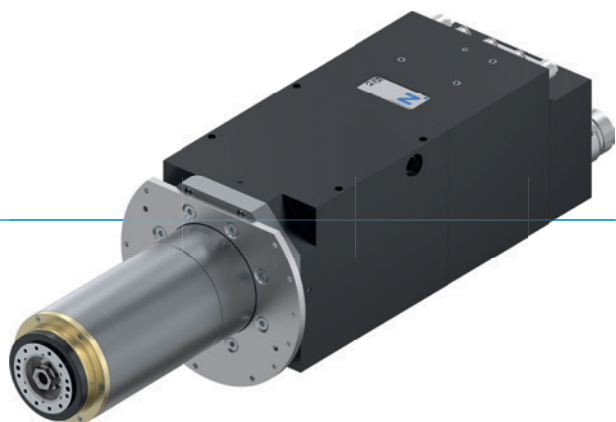


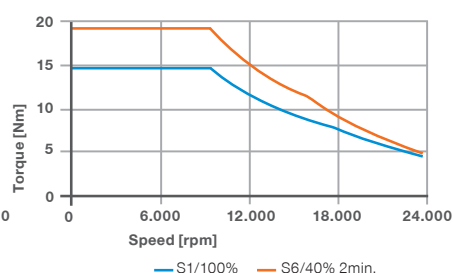
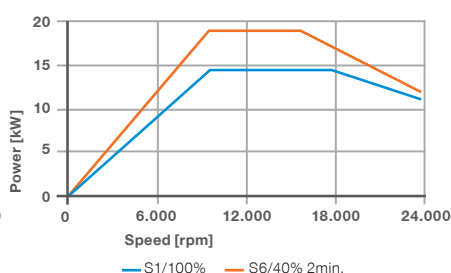
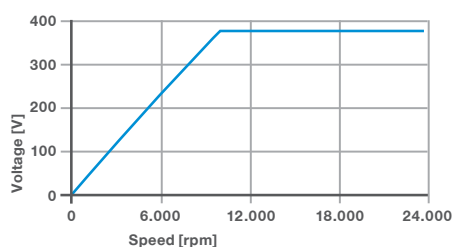
MOTOR SPINDLE

HF150-004-002

► PRODUCT ADVANTAGES



- **Rated power S1: 14,5 kW**
- **Rated torque S1: 14.7 Nm**
- **Max. speed: 24,000 1/min**
- Liquid cooling
- Automatic Tool Change
- Encoder (with integrated safety)
- long spindle neck
- Mounting Plate for Power Units
- IO-Link ready



► TECHNICAL DATA

Order no.	HF150-004-002		
Engine cooling	Liquid	Tool exchange	automatic
Motor technology	Asynchronous	Release unit	pneumatic
Number of poles	4	Bearing lubrication	Grease
Rate voltage [V]	360	Storage protection	Labyrinth with sealing air
Nominal output S1 [kW]	14.5	Encoder	1Vss 256
Nominal speed [1/min]	9,450	speed sensor	2 pulses per revolution
Rated torque S1 [Nm]	14.7	IO-Link capable	Yes
Nominal current S1 [A]	30.0	Mechanical interface	C-axis
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]	19.0	Motor cooling - operating pressure [bar]	2.0 ... 7.0
Nominal torque S6 [Nm]	19.3	Cone cleaning - operating pressure [bar]	4.0 ... 7.0
Nominal current S6 [A]	39.0	Sealing air - operating pressure [bar]	6.0 ... 7.0
Maximum speed [1/min]	24,000	Certifications	CE / UKCA / LABS / REACH / RoHS
Tool interface	HSK-F63	Weight [kg]	38
Clamping force [N]	11,000		

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

► TECHNICAL DRAWINGS

