

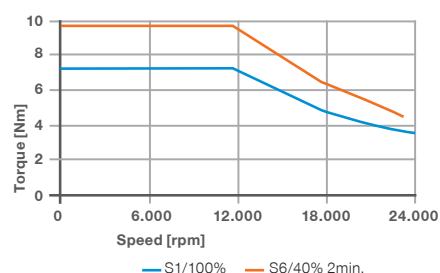
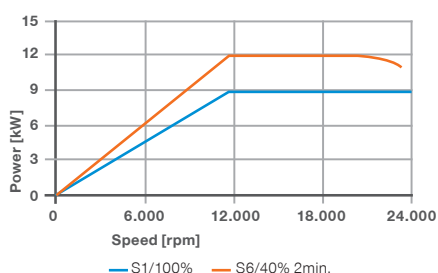
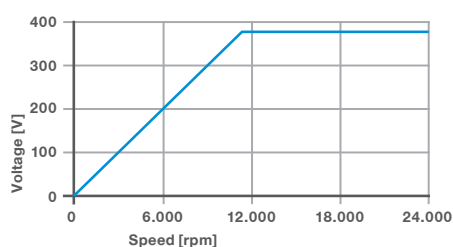
# MOTOR SPINDLE

## HF125-002-013

### ► PRODUCT ADVANTAGES



- **Rated power S1: 9 kW**
- **Rated torque S1: 7.3 Nm**
- **Max. speed: 24,000 1/min**
- Liquid cooling
- Automatic Tool Change
- Integrated media feed-through
- Mounting Plate for Power Units
- IO-Link ready



### ► TECHNICAL DATA

| Order no.                  | HF125-002-013 |                                               |                                 |
|----------------------------|---------------|-----------------------------------------------|---------------------------------|
| Engine cooling             | Liquid        | Tool exchange                                 | automatic                       |
| Motor technology           | Asynchronous  | Release unit                                  | pneumatic                       |
| Number of poles            | 4             | Bearing lubrication                           | Grease                          |
| Rate voltage [V]           | 380           | Storage protection                            | Labyrinth with sealing air      |
| Nominal output S1 [kW]     | 9.0           | speed sensor                                  | 2 pulses per revolution         |
| Nominal speed [1/min]      | 11,750        | IO-Link capable                               | Yes                             |
| Rated torque S1 [Nm]       | 7.3           | Media implementation                          | Yes                             |
| Nominal current S1 [A]     | 20.0          | Mechanical interface                          | Assembly                        |
| Relative duty cycle S6 [%] | 40            | Release tool - operating pressure [bar]       | 10.0 ... 12.0                   |
| Playing time S6 [min]      | 2             | Motor cooling - operating pressure [bar]      | 2.0 ... 7.0                     |
| Nominal output S6 [kW]     | 12.0          | Media feed-through - operating pressure [bar] | 0.0 ... 12.0                    |
| Nominal torque S6 [Nm]     | 9.8           | Cone cleaning - operating pressure [bar]      | 4.0 ... 7.0                     |
| Nominal current S6 [A]     | 25.0          | 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]                                   | 14                              |
| Clamping force [N]         | 11,000        |                                               |                                 |

| Legend         | Interface |                    |     |
|----------------|-----------|--------------------|-----|
| Tool unlocked  | A         | Media feed-through | Hx  |
| Taper cleaning | KR        | Power              | XD1 |
| Sealing air    | SPL       | Signal             | XG2 |
| Motor cooling  | E, F      |                    |     |

## ► TECHNICAL DRAWINGS

