

# Z33-M0100.01 K1S1

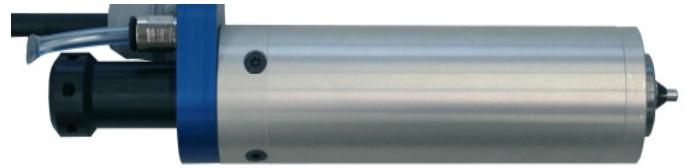
High-frequency spindle  
Manual tool change

**Spindle for high-speed -drilling, -routing,  
-depaneling**

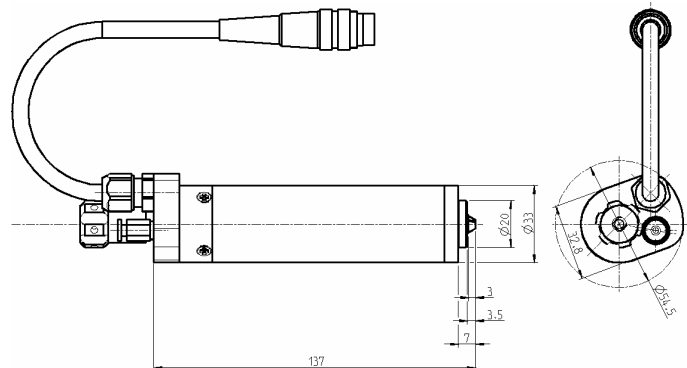
## Technical specifications

- High precision hybrid ball bearings – 2 Pcs.
- Lifetime lubricated, maintenance free
- Output power: Pmax. 400 W
- Output power: S1-100% ED 300 W
- Output power: S6-60% ED 360 W
- Voltage: S1-100% ED 56 V
- Voltage: S6-60% ED 59 V
- Current: S1-100% ED 5,3 A
- Current: S6-60% ED 6,0 A
- Frequency: max. 1666,6 Hz
- Motor poles: 1 pair
- Rotation speed: max. 100.000 rpm
- Sealing-air
- Housing diameter: 33 mm
- Cooling system: non cooling
- Tool change: manual tool change
- Clamping range: up to 3,5 mm
- Coupler plug: 3-pole metal with cable 1m
- Inner taper run out < 1 $\mu$

## Example of design



## Dimensions



## Power-, torque- and speed diagram

