



WITTENSTEIN

cyber motor

## cyber<sup>®</sup> special motors high temperature

reliable  
long life  
efficient



# Your Application:

- Rotary Steerable System (RSS)
- Power Generation
- Mechanical Pipe Cutter
- Measurement While Drilling (MWD) and Logging While Drilling (LWD)
- Wireline Tools
- Downhole Tractor Tools
- Intelligent Well
- [...]

## Our Motors:

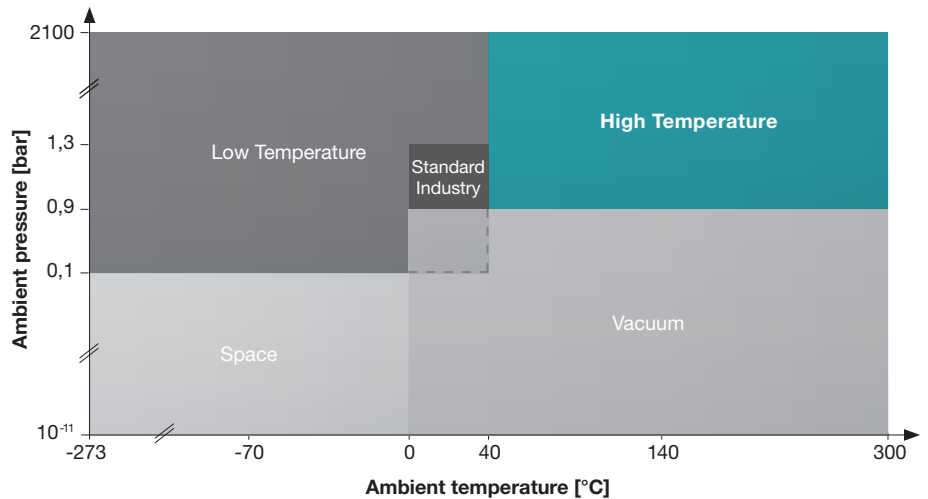
- Permanent magnet brushless servo motor
- Open frame design
- Operating winding temperature up to 465 F / 240 °C
- Ambient pressure up to 30 kpsi / 2.1 kbar
- Extreme shock and vibration load resistant
- Sensorless

### Available Options

- Feedback
- Gear box
- Thermal sensor

### Customized Solutions

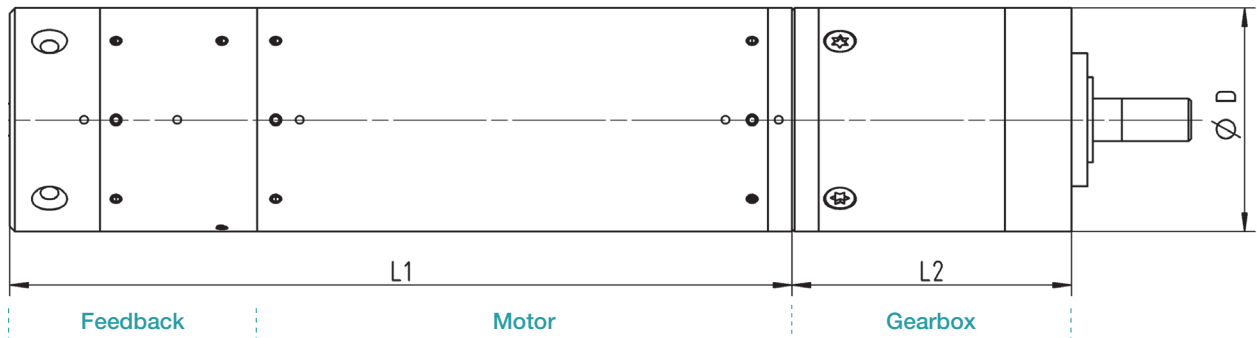
- More motor sizes
- Operating winding temperature higher than 240 °C
- Frameless design
- Adapted mechanical & electrical interface
- Hydraulic pump interface
- Linear actuator
- Custom winding



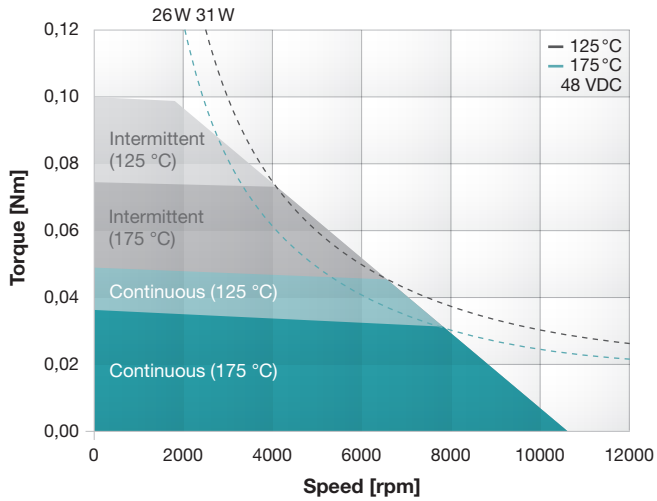
		MRSR019-040H	MRSR019A-060H
Housing diameter	D	22 mm / 8.6"	
Motor length	L1	90 mm / 3.5"	110 mm / 4.3"
Gear ratio	i	4:1	16:1
Addition length gear box	L2	23 mm / .9"	30 mm / 1.2"

		MRSR028-040H	MRSR028A-060H
Housing diameter	D	32 mm / 1.26"	
Motor length	L1	86 mm / 3.6"	106 mm / 4.2"
Gear ratio	i	4:1	16:1
Addition length gear box	L2	32 mm / 1.3"	41 mm / 1.6"

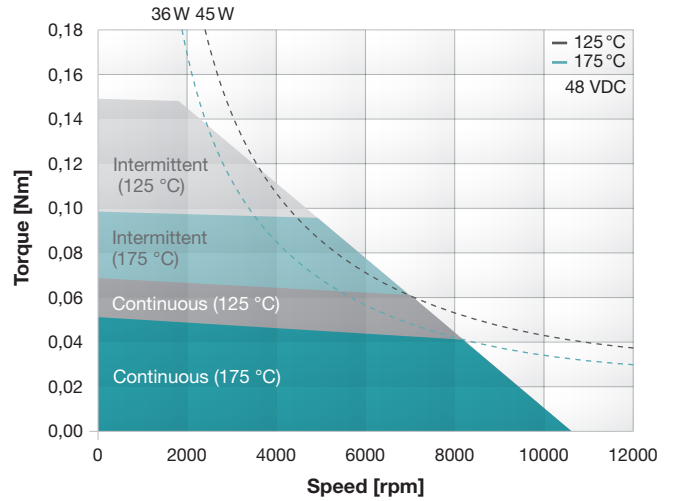
		MRSR038-060H	MRSR038A-120H
Housing diameter	D	42 mm / 1.65"	
Motor length	L1	117 mm / 4.6"	180 mm / 7.1"
Gear ratio	i	4:1	16:1
Addition length gear box	L2	40 mm / 1.6"	52.5 mm / 2.1"



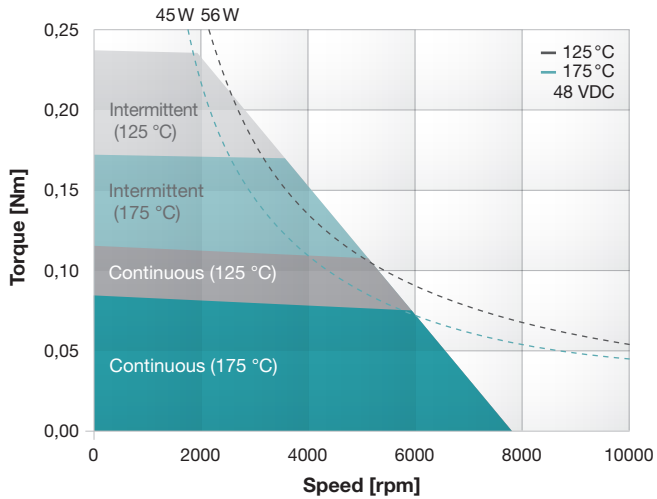
MRSR019A-040H



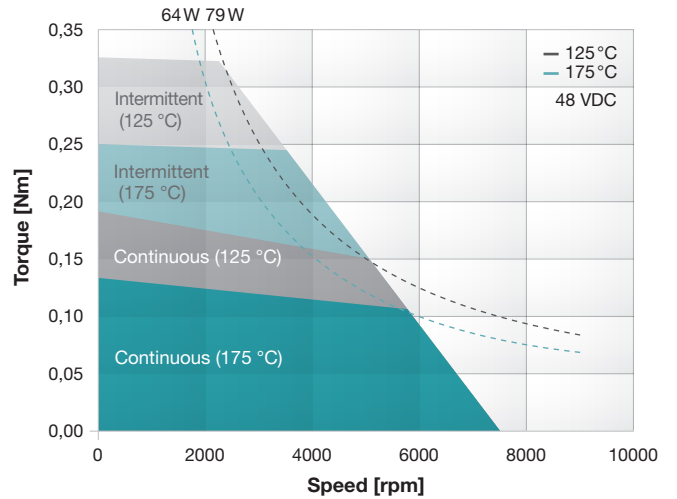
MRSR019A-060H



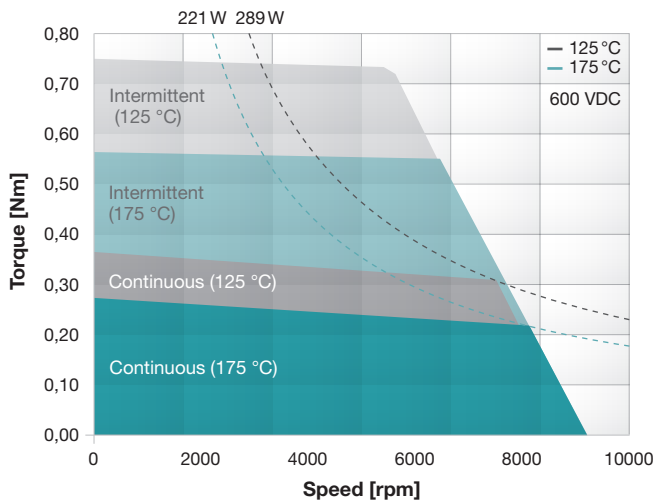
MRSR028A-040H



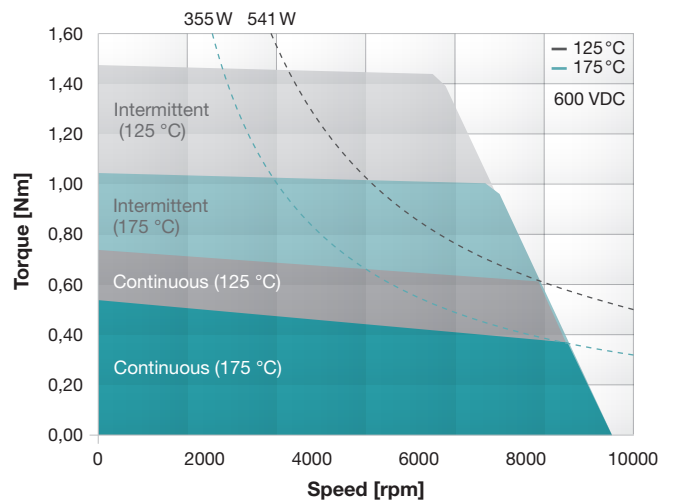
MRSR028A-060H



MRSR038A-060H



MRSR038A-120H



If you'd like to learn more about the **cyber® special motors**, we invite you to get in touch with one of our highly qualified sales engineers.



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**WITTENSTEIN – one with the future**

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