



WITTENSTEIN

cyber motor

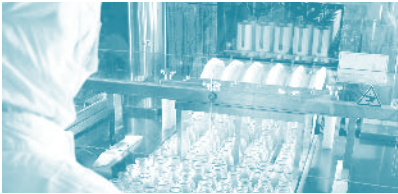
cyber[®] special motors explosion proof

reliable
safe
efficient



Applications

Chemical & Pharmaceutical



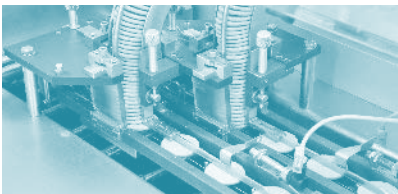
Energy



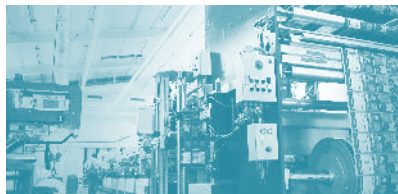
Plastics Processing



Food Industry



Printing & Coating



Agriculture



Benefits

We provide solutions for your motion control needs in explosive environments. Pick one of our certified motors or contact us for a custom design.

Certified to meet ATEX & IECEx



Approved and tested for demanding environmental conditions (ambient temperatures from 40°C to 80°C)



Stainless steel & aluminum housing

Versions for 320V_{DC} & 560V_{DC}

Scalable speed and current

Area of use

Hazardous area

GAS

Zone 1

Zone 2

DUST

Zone 21

Zone 22

Hazard is likely to occur (< 1000 h per year)

Hazard is not likely to occur or only for a shorter period (< 1 h per year)

Portfolio

Equipment category & EPL

2G

Gb

2D

Db

High level of protection

3G

Gc

3D

Dc

Normal level of protection

Type of protection

Flameproof enclosure

Increased safety

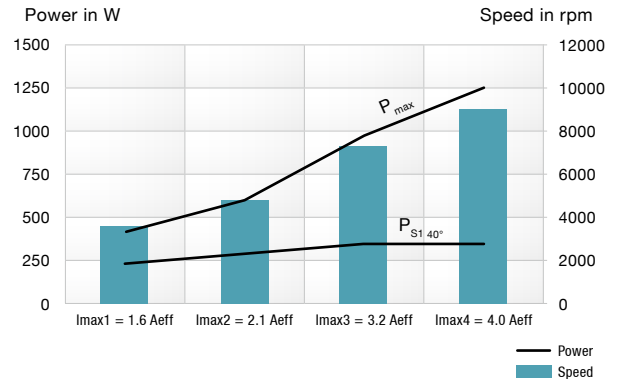
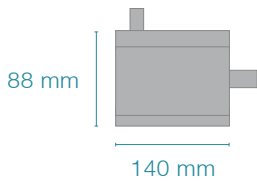
Protection by enclosure

Up to temperature class T4: Max. 135°C

Equipment groups II & III as per IEC 60079-0 (except mining)

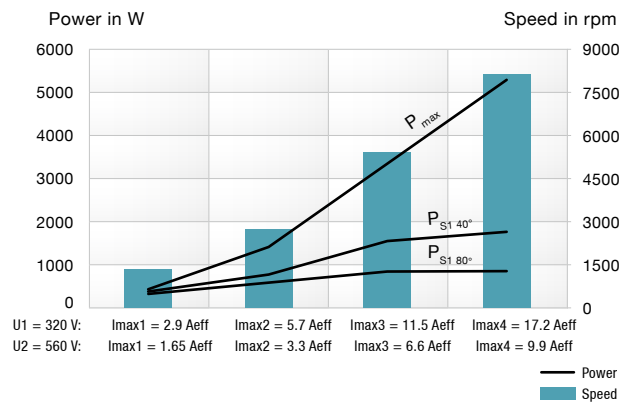
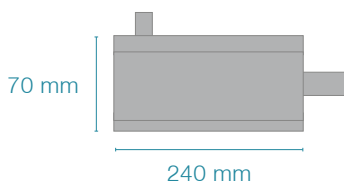
MRSx064-030

- Maximum torque: 1.6 Nm
- Continuous stall torque: 0.8 Nm
- DC bus voltage: 320 V_{DC}
- Certification for 40°C ambient temperature



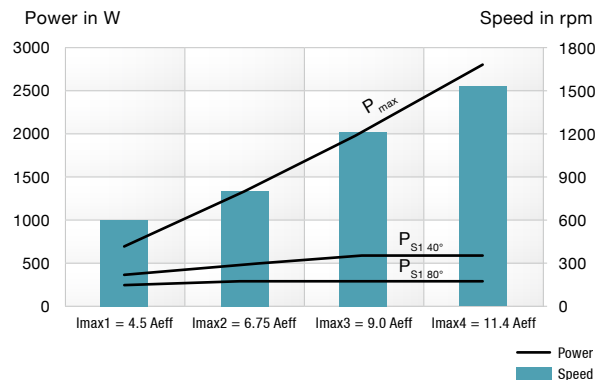
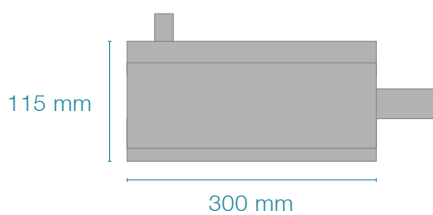
MRSx064-105

- Maximum torque: 7.7 Nm
- Continuous stall torque: 3.6 Nm (40°C), 2.4 Nm (80°C)
- DC bus voltage: 320 V_{DC} & 560 V_{DC}
- Certification for 40°C & 80°C ambient temperature



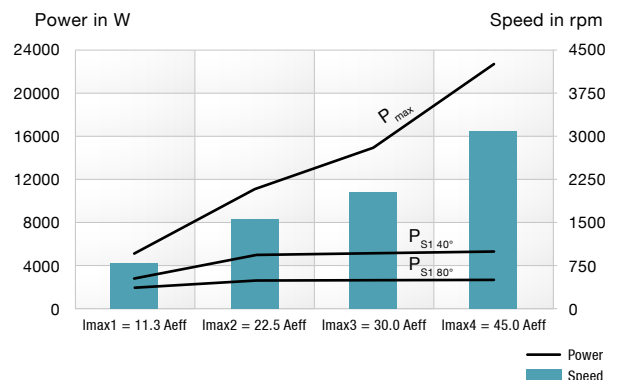
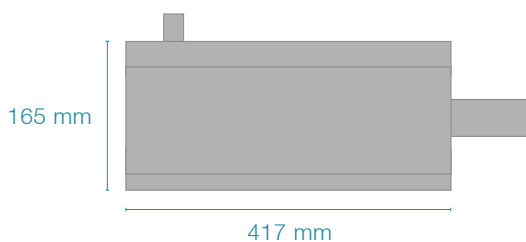
MRSx094-135

- Maximum torque: 25.1 Nm
- Continuous stall torque: 7.2 Nm (40°C), 4.9 Nm (80°C)
- DC bus voltage: 320 V_{DC}
- Certification for 40°C & 80°C ambient temperature



MRSx155-165

- Maximum torque: 90 Nm
- Continuous stall torque: 40 Nm (40°C), 28 Nm (80°C)
- DC bus voltage: 560 V_{DC}
- Certification for 40°C & 80°C ambient temperature





cyber motor

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