



WITTENSTEIN

cyber motor

cyber[®] special motors explosion proof

reliable
safe
efficient



Applications

Chemical & Pharmaceutical



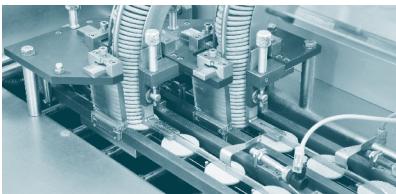
Energy



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)

Equipment category & EPL

2G

Gb

2D

Db

High level of protection

Portfolio

Type of protection

3G

Gc

3D

Dc

Flameproof enclosure

Increased safety

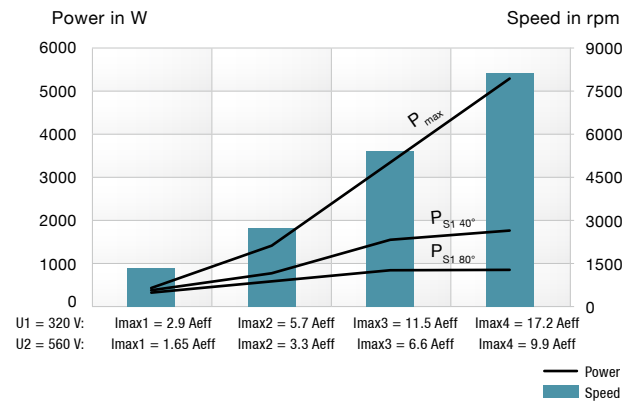
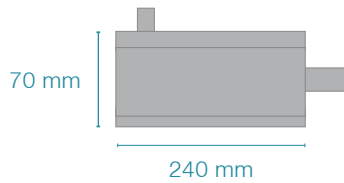
Protection by enclosure

Up to temperature class T4: Max. 135°C

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

MRSx064-105

- 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





cyber motor

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WITTENSTEIN – one with the future

www.wittenstein-cyber-motor.de