



WITTENSTEIN

cyber motor

cyber[®] special motors
explosion proof



Applications

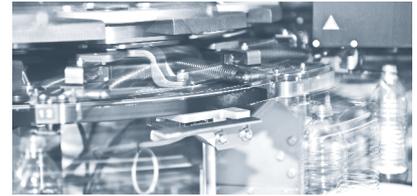
Chemical & Pharmaceutical



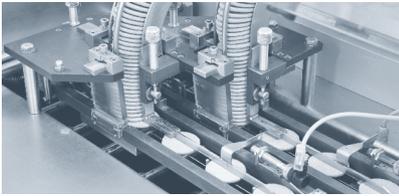
Energy



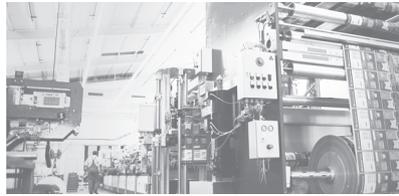
Plastics Processing



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

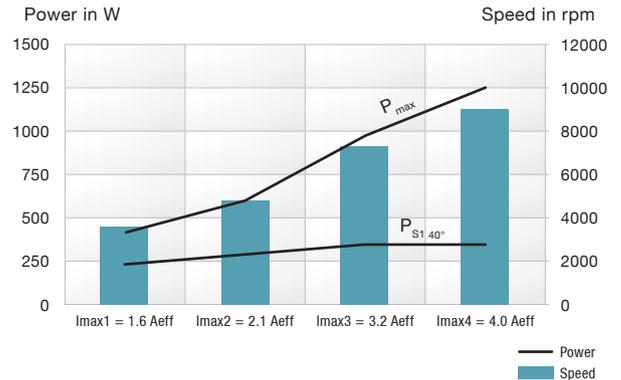
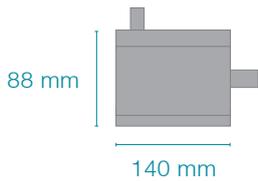
Protection by enclosure

Up to temperature class T4: Max. 135°C

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

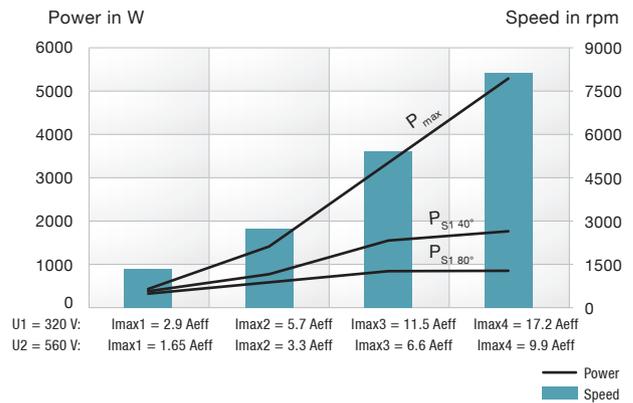
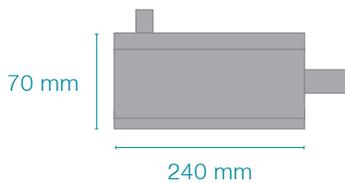
MRSx064-030

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



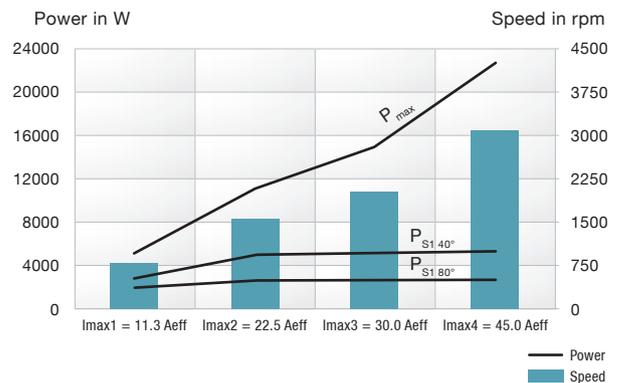
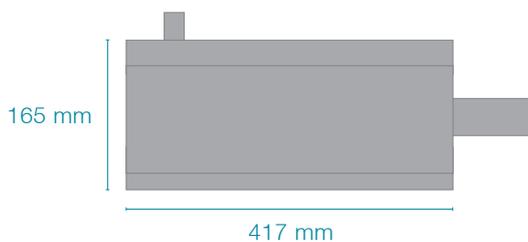
MRSx064-105

- 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



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





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WITTENSTEIN cyber motor GmbH · Walter-Wittenstein-Straße 1 · 97999 Igersheim · Germany
Tel. +49 7931 493-15800 · info@wittenstein-cyber-motor.de

WITTENSTEIN Inc. · 1249 Humbracht Circle · Bartlett, IL 60103 · USA
Tel. +1 630 540 5300 · info.cyber-motor@wittenstein-us.com

WITTENSTEIN S.P.A. · Via Giosuè Carducci 125 · 20099 Sesto San Giovanni MI · Italy
Tel. +39 02 241357-1 · info@wittenstein.it

WITTENSTEIN Co.,Ltd. · 2-6-6 Shibadalmon Minato-ku · 105-0012 Tokyo · Japan
Tel. +81 3 6680 2835 · sales@wittenstein.jp

WITTENSTEIN (Hangzhou) Co., Ltd. · No. 355 Tlanmushan West road · 311122 Hangzhou · China
Tel. +84 571 8869 5852 / 5851 · info@wittenstein.cn

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www.wittenstein-cyber-motor.de