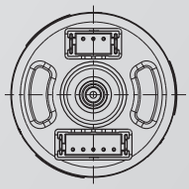
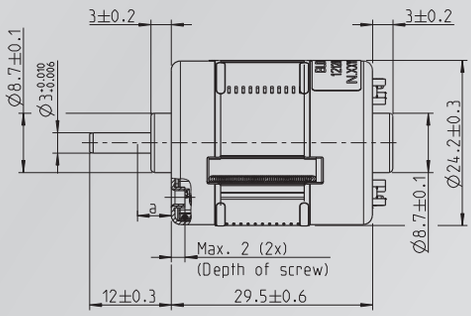
BLDC 24P16A

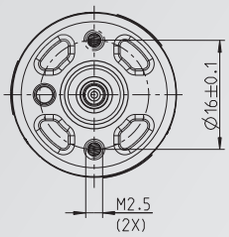
80.1.017D

Brushless 3 – Phase DC Motor

Rated Voltage	No Load Speed	Rated Speed	Cont. Power	Rated Torque	Current at rated Speed	Efficiency at Duty Point
[V]	[rpm]	[rpm]	[W]	[mNm]	[A]	[%]
12	3.900	2.090	4	19	0,7	48
24	7.800	6.040	12	19	0,75	68







Motor Code: 120988800051

General informations

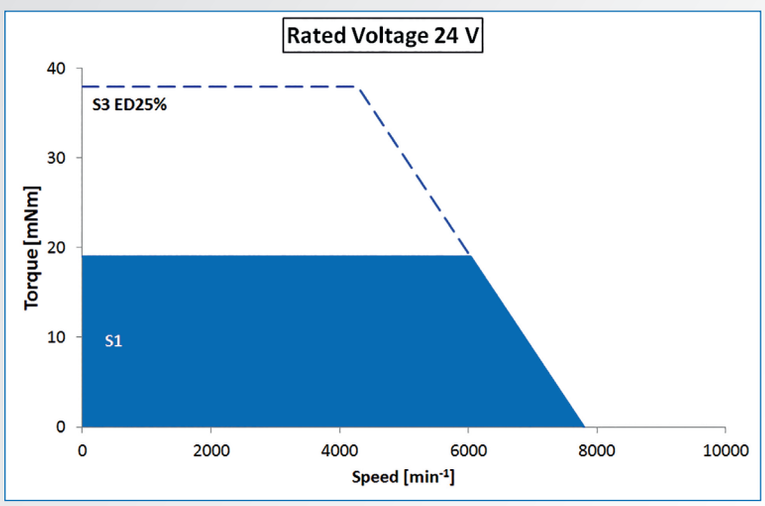
- **Class of protection:** IP20
- **Mounting position:** free
- **Duty cycle:** up to 100 %
- **Bearing system:** Ball Bearings
- **Torque Constant:** 27,3 mNm/A
- **Weight:** 0,055 kg
- **Rotor Inertia:** 2,7 gcm²
- **Oper. Temp. Range:** -20 °C to +45 °C
- **Max. Temp. Rise:** 70 K
- **Direction of Rotation:** CW / CCW
- **Class of Insulation:** H
- **Shaft Material:** Steel, not hardened
- **Number of Poles:** 6

Options

- **Integrated Drive Electro.:** No
- **Planetary Gearbox:** Yes
- **Sensorless Operation:** Yes
- **Shaft hardened (Surface):** Yes

Features

- High power-to-volume ratio
- High efficiency at duty point
- High reliability



PM DM
Minebea Group of Companies
Minebea-Weg 1
78052 Villingen-Schwenningen
GERMANY
www.pmdm.de
Phone: +49 (0)7721 997-100
E-Mail: sales@pmdm.de

Minebea
Passion to Exceed Precision

© PM DM 2015, technical changes reserved