



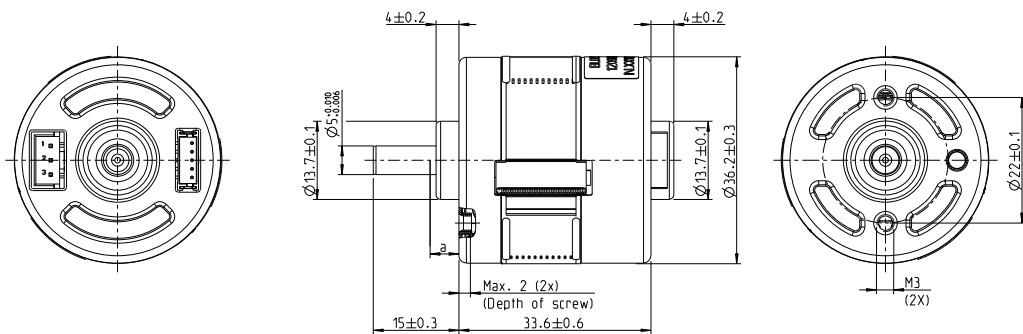
BLDC 36P16A

74.1.028D

Brushless 3 – Phase DC Motor

Rated Voltage [V]	No Load Speed [rpm]	Rated Speed [rpm]	Cont. Power [W]	Rated Torque [mNm]	Current at rated Speed [A]	Efficiency at Duty Point [%]
12	2.590	1.680	10	56	1,23	60
24	5.220	4.355	26	56	1,2	77

Motor Code: 120988000050



General informations

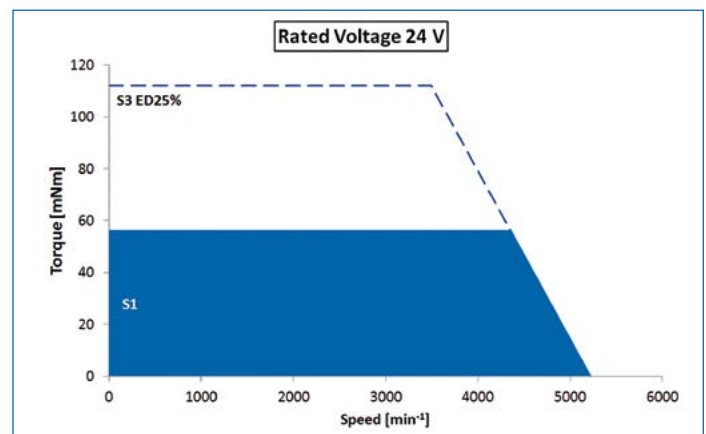
- Class of protection: IP20
- Mounting position: free
- Duty cycle: up to 100 %
- Bearing system: Ball Bearings
- Torque Constant: 41,6 mNm/A
- Weight: 0,14 kg
- Rotor Inertia: 26,6 gcm²
- Oper. Temp. Range: -20 °C to +45 °C
- Max. Temp. Rise: 70 K
- Direction of Rotation: CW / CCW
- Class of Insulation: H
- Shaft Material: Steel, not hardened
- Number of Poles: 6

Features

- High power-to-volume ratio
- High efficiency at duty point
- Extremely reliable

Options

- Integrated Drive Electro.: Yes
- Planetary Gearbox: Yes
- Sensorless Operation: Yes
- Shaft hardened (Surface): Yes





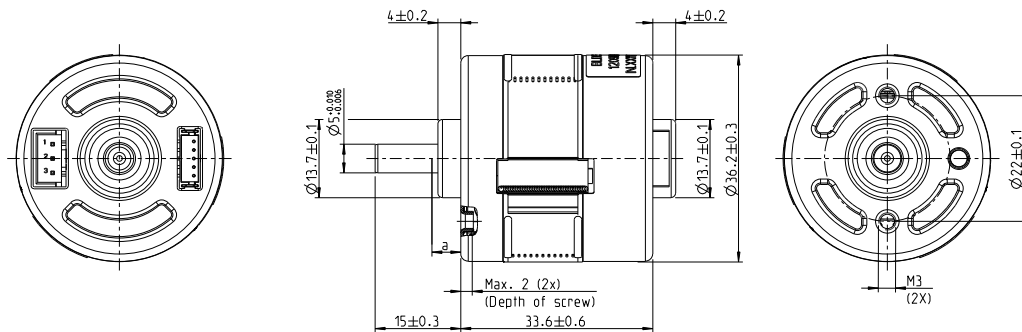
BLDC 36P16A

36.1.040D

Brushless 3 – Phase DC Motor

Rated Voltage [V]	No Load Speed [rpm]	Rated Speed [rpm]	Cont. Power [W]	Rated Torque [mNm]	Current at rated Speed [A]	Efficiency at Duty Point [%]
24	10.730	9.300	50	51	2,4	83

Motor Code: 121388800021



General informations

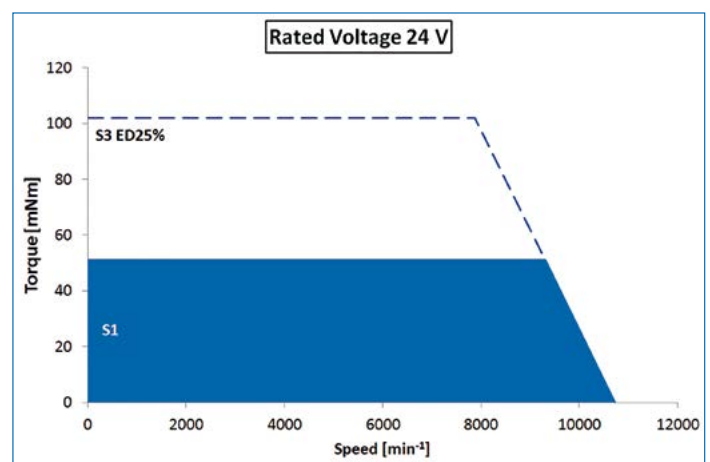
- Class of protection: IP20
- Mounting position: free
- Duty cycle: up to 100 %
- Bearing system: Ball Bearings
- Torque Constant: 20,4 mNm/A
- Weight: 0,14 kg
- Rotor Inertia: 26,6 gcm²
- Oper. Temp. Range: -20 °C to +45 °C
- Max. Temp. Rise: 70 K
- Direction of Rotation: CW / CCW
- Class of Insulation: H
- Shaft Material: Steel, not hardened
- Number of Poles: 12

Features

- High power-to-volume ratio
- High efficiency at duty point
- Extremely reliable

Options

- Integrated Drive Electro.: Yes
- Planetary Gearbox: Yes
- Sensorless Operation: Yes
- Shaft hardened (Surface): Yes





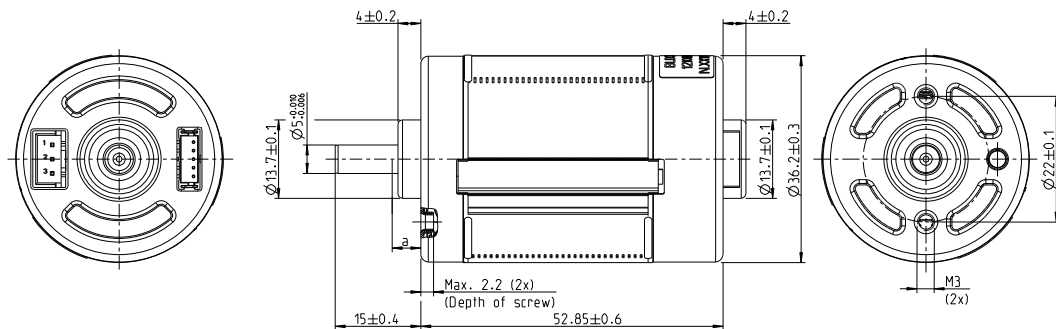
BLDC 36P35A

27.1.045D

Brushless 3 – Phase DC Motor

Rated Voltage [V]	No Load Speed [rpm]	Rated Speed [rpm]	Cont. Power [W]	Rated Torque [mNm]	Current at rated Speed [A]	Efficiency at Duty Point [%]
12	3.350	2.760	29	103	2,9	75
24	6.745	6.250	63	97	2,8	84

Motor Code: 121088800051



General informations

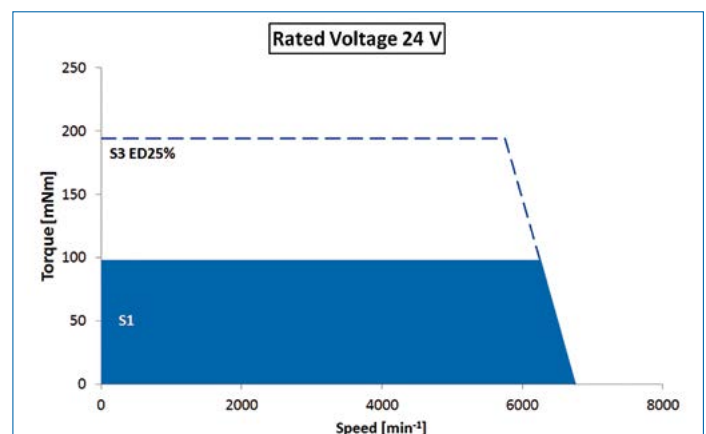
- Class of protection: IP20
- Mounting position: free
- Duty cycle: up to 100 %
- Bearing system: Ball Bearings
- Torque Constant: 32,7 mNm/A
- Weight: 0,25 kg
- Rotor Inertia: 52 gcm²
- Oper. Temp. Range: -20 °C to +45 °C
- Max. Temp. Rise: 70 K
- Direction of Rotation: CW / CCW
- Class of Insulation: H
- Shaft Material: Steel, not hardened
- Number of Poles: 6

Features

- High power-to-volume ratio
- High efficiency at duty point
- Extremely reliable

Options

- Integrated Drive Electro.: Yes
- Planetary Gearbox: Yes
- Sensorless Operation: Yes
- Shaft hardened (Surface): Yes





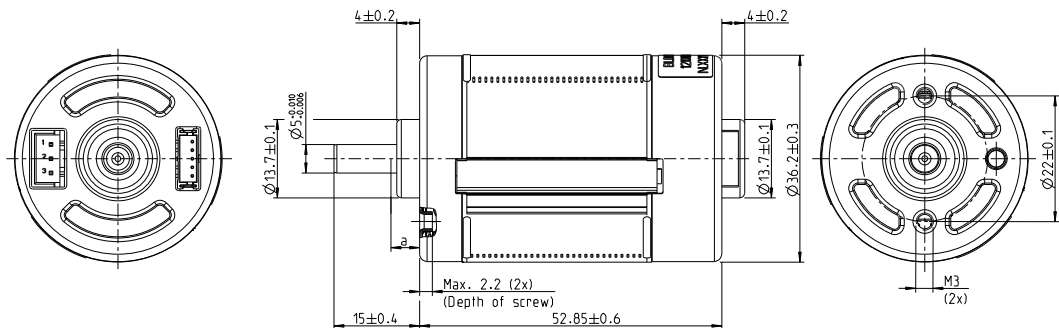
BLDC 36P35A

48.1.0355D

Brushless 3 – Phase DC Motor

Rated Voltage [V]	No Load Speed [rpm]	Rated Speed [rpm]	Cont. Power [W]	Rated Torque [mNm]	Current at rated Speed [A]	Efficiency at Duty Point [%]
12	1.850	1.230	14	111	1,71	60

Motor Code: 121088800053



General informations

- Class of protection: IP20
- Mounting position: free
- Duty cycle: up to 100 %
- Bearing system: Ball Bearings
- Torque Constant: 59,3 mNm/A
- Weight: 0,25 kg
- Rotor Inertia: 52 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

Features

- High power-to-volume ratio
- High efficiency at duty point
- Extremely reliable

Options

- Integrated Drive Electro.: Yes
- Planetary Gearbox: Yes
- Sensorless Operation: Yes
- Shaft hardened (Surface): Yes

