

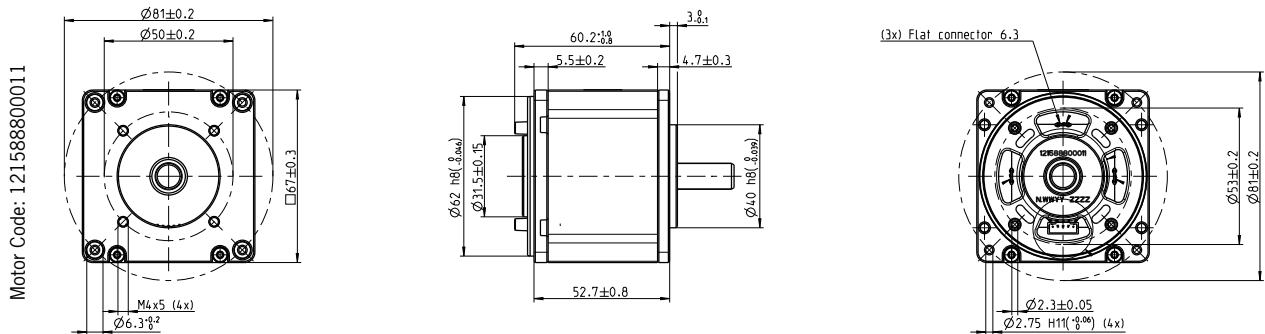


# BLDC 65S18A

81.P.040

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	3.740	3.230	99	291	4,5	86



Motor Code: 121588800011

## General informations

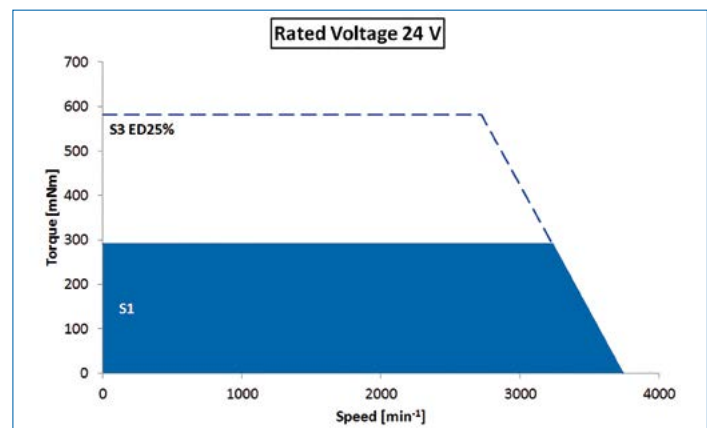
- Class of protection: IP20
- Mounting position: free
- Duty cycle: up to 100 %
- Bearing system: Ball Bearings
- Torque Constant: 59,6 mNm/A
- Weight: 0,75 kg
- Rotor Inertia: 170 gcm<sup>2</sup>
- Oper. Temp. Range: 0 °C to +45 °C
- Max. Temp. Rise: 70 K
- Direction of Rotation: CW / CCW
- Class of Insulation: H
- Shaft Material: Steel, not hardened
- Number of Poles: 8

## Features

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

## Options

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



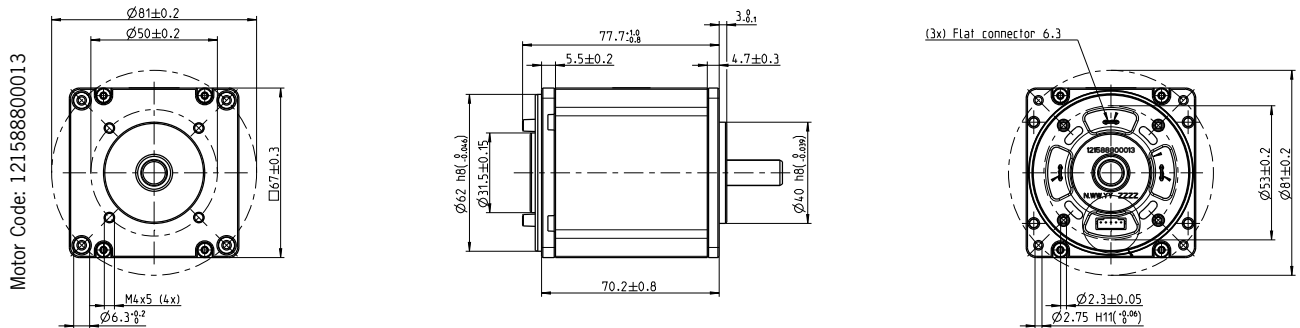


# BLDC 65S35A

41.P.060

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	3.630	3.460	138	380	6,0	87



Motor Code: 121588800013

## General informations

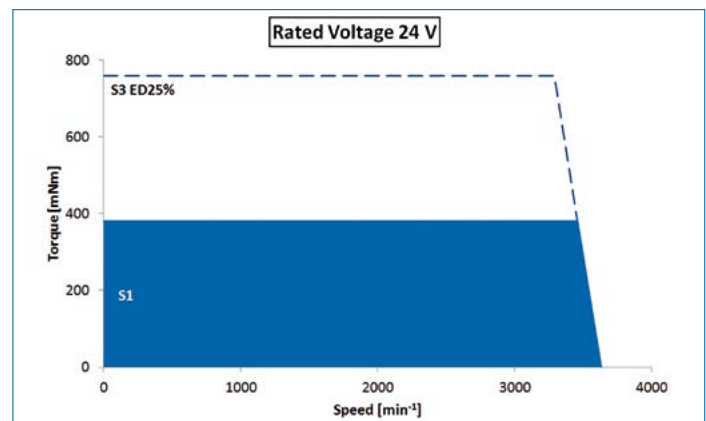
- Class of protection: IP20
- Mounting position: free
- Duty cycle: up to 100 %
- Bearing system: Ball Bearings
- Torque Constant: 60,4 mNm/A
- Weight: 1,19 kg
- Rotor Inertia: 301 gcm<sup>2</sup>
- Oper. Temp. Range: 0 °C to +45 °C
- Max. Temp. Rise: 70 K
- Direction of Rotation: CW / CCW
- Class of Insulation: H
- Shaft Material: Steel, not hardened
- Number of Poles: 8

## Features

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

## Options

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



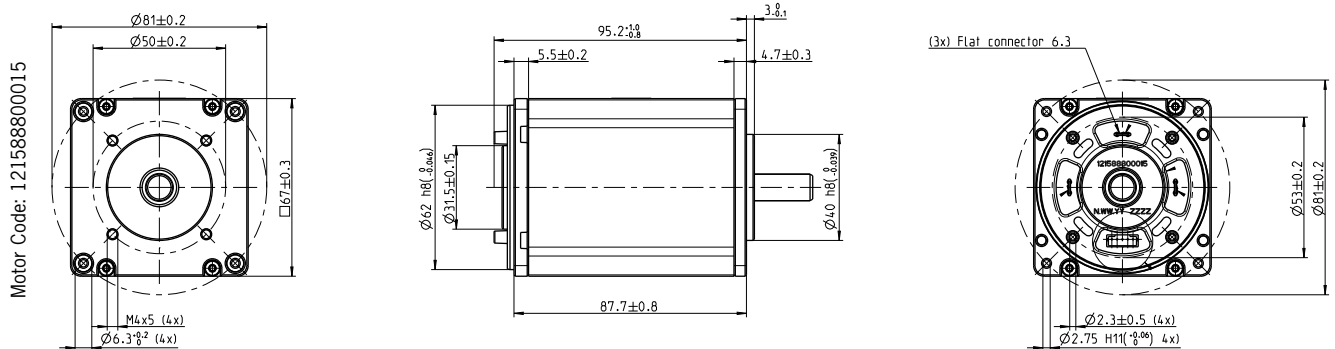


# BLDC 65S53A

55.P.050

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 [ % ]
48	3.585	3.550	184	495	3,9	89



## General informations

- Class of protection: IP20
- Mounting position: free
- Duty cycle: up to 100 %
- Bearing system: Ball Bearings
- Torque Constant: 121,3 mNm/A
- Weight: 1,52 kg
- Rotor Inertia: 430 gcm<sup>2</sup>
- Oper. Temp. Range: 0 °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: 8

## Features

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

## Options

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

