



## Options



Gearboxes

## Technical Data

### Motor

Brushless Motor

### Interface control mode

CANopen  
 Serial RS485 Modbus-RTU  
 Analog

### Encoder

Hall effects or Magnetic Incremental  
 and Absolute Single turn Encoder

### Electrical data

Operating voltage (min.)	24 [Vdc]
Operating voltage (max.)	36 [Vdc]
Peak Current	22.0 [A/ph peak]

### Operating Modes

Position, Speed, Torque

### Inputs

Digital inputs	3 not isolated 5-24 Vdc NPN or Push Pull
Analog inputs	1 with potentiometer or 0-10 Vdc

### Output

Digital outputs	2 not isolated open drain, 5 - 24 Vdc 100 mA
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### Protective functions

Protective functions	over current, over/under voltage, overheating, short circuit between motor phas-to-phase and phase-to-ground
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### Protection Class

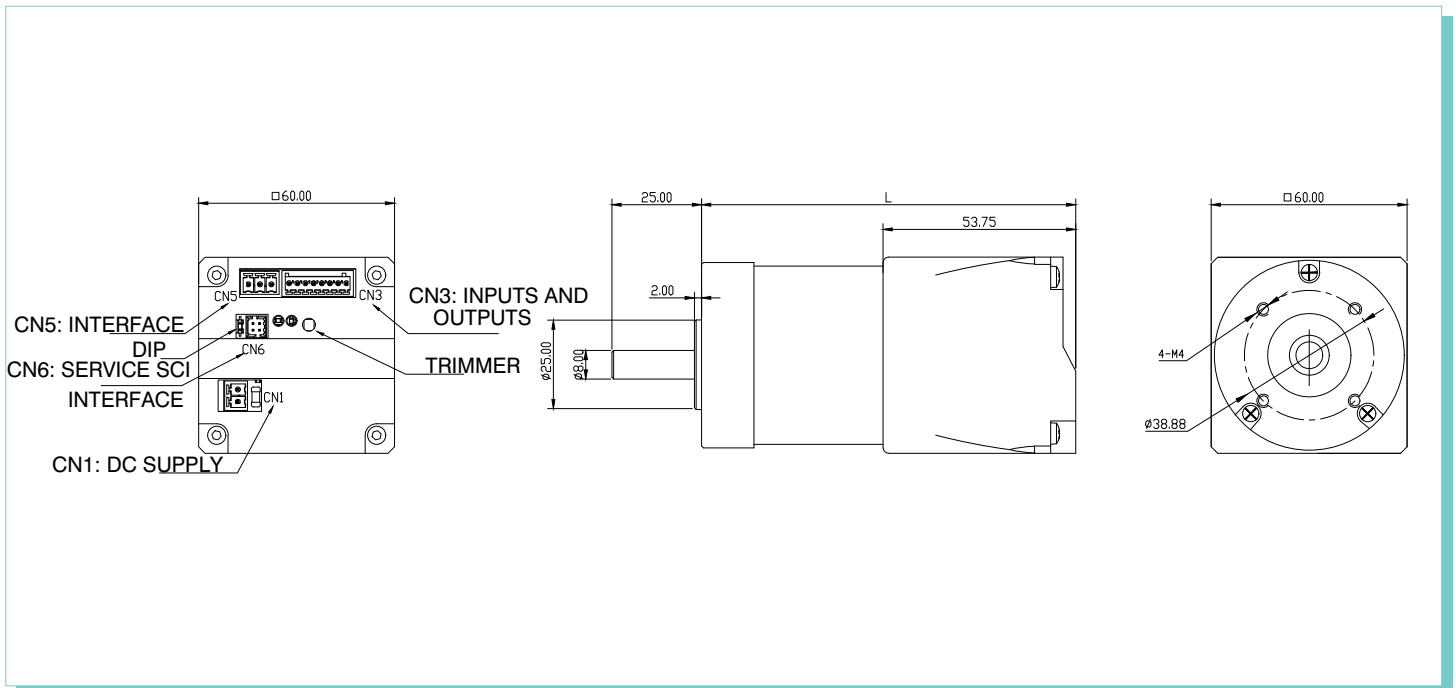
IP 20

### Debug and configuration

Serial Interface

### Software

Setup and configuration	E&D Studio
Programming	E&D Space



## Model

	Rated Power	Rated Speed	Rated Torque	Max Peak Current	Interface Control Mode	Weight	Length
	W	RPM	Nm	A		Kg	mm
IBS57022EA001-S300	22	4000	0,055	3,5	Analog	0,45	75,75
IBS57044EA001-S300	44	4000	0,110	5,5	Analog	0,70	84,75
IBS57088EA001-S300	88	4000	0,220	9,8	Analog	1	104,75
IBS57128EA001-S300	128	4000	0,320	16,5	Analog	1,20	124,75
IBS57168EA001-S300	168	4000	0,420	20,5	Analog	1,45	146,75
IBS57022EM001-S200	22	4000	0,055	3,5	Serial RS485 Modbus-RTU	0,45	75,75
IBS57044EM001-S200	44	4000	0,110	5,5	Serial RS485 Modbus-RTU	0,70	84,75
IBS57088EM001-S200	88	4000	0,220	9,8	Serial RS485 Modbus-RTU	1	104,75
IBS57128EM001-S200	128	4000	0,320	16,5	Serial RS485 Modbus-RTU	1,20	124,75
IBS57168EM001-S200	168	4000	0,420	20,5	Serial RS485 Modbus-RTU	1,45	146,75
IBS57022EC001-S402	22	4000	0,055	3,5	CANopen (DS402)	0,45	75,75
IBS57044EC001-S402	44	4000	0,110	5,5	CANopen (DS402)	0,70	84,75
IBS57088EC001-S402	88	4000	0,220	9,8	CANopen (DS402)	1	104,75
IBS57128EC001-S402	128	4000	0,320	16,5	CANopen (DS402)	1,20	124,75
IBS57168EC001-S402	168	4000	0,420	20,5	CANopen (DS402)	1,45	146,75
IBS57022EC001-S200	22	4000	0,055	3,5	CANopen (Programmable)	0,45	75,75
IBS57044EC001-S200	44	4000	0,110	5,5	CANopen (Programmable)	0,70	84,75
IBS57088EC001-S200	88	4000	0,220	9,8	CANopen (Programmable)	1	104,75
IBS57128EC001-S200	128	4000	0,320	16,5	CANopen (Programmable)	1,20	124,75
IBS57168EC001-S200	168	4000	0,420	20,5	CANopen (Programmable)	1,45	146,75