

Planetary gear DC motor



- Technical Data

Item No.	3402373	3402374	3402375	3402376	3402377
No load current (A)	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.2	≤ 0.2
No load speed (RPM)	$1304 \pm 10\%$	$115 \pm 10\%$	$14 \pm 10\%$	$1304 \pm 10\%$	$115 \pm 10\%$
Rated load torque (N.m)	0.034	0.294	2.06	0.034	0.294
Rated current (A)	≤ 1.0	≤ 1.0	≤ 1.0	≤ 0.6	≤ 0.6
Rated load speed (RPM)	$1043 \pm 10\%$	$92 \pm 10\%$	$11 \pm 10\%$	$1043 \pm 10\%$	$92 \pm 10\%$
Rotation direction	CCW	CCW	CCW	CCW	CCW

Item No.	3402378	3402379	3402380	3402381	3402382
No load current (A)	≤ 0.3	≤ 0.2	≤ 0.65	≤ 0.4	≤ 0.65
No load speed (RPM)	$60 \pm 10\%$	$14 \pm 10\%$	$1620 \pm 10\%$	$1620 \pm 10\%$	$587 \pm 10\%$
Rated load torque (N.m)	0.64	2.06	0.18	0.22	0.5
Rated current (A)	≤ 0.5	≤ 0.6	≤ 2.8	≤ 2.5	≤ 3.8
Rated load speed (RPM)	$49 \pm 10\%$	$11 \pm 10\%$	$1290 \pm 10\%$	$1335 \pm 10\%$	$499 \pm 10\%$
Rotation direction	CCW	CCW	CCW	CW/CCW	CCW

Item No.	3402383	3402384	3402385	3402386	3402387
No load current (A)	≤ 0.65	≤ 0.65	≤ 0.65	≤ 0.65	≤ 0.5
No load speed (RPM)	$588 \pm 10\%$	$312 \pm 10\%$	$312 \pm 10\%$	$118 \pm 10\%$	$117 \pm 10\%$
Rated load torque (N.m)	0.65	0.9	1.0	2.0	2.5
Rated current (A)	≤ 2.5	≤ 3.8	≤ 2.5	≤ 3.8	≤ 2.5
Rated load speed (RPM)	$470 \pm 10\%$	$265 \pm 10\%$	$250 \pm 10\%$	$95 \pm 10\%$	$96 \pm 10\%$
Rotation direction	CW/CCW	CCW	CW/CCW	CCW	CW/CCW

Item No.	3402388	3402389
No load current (A)	≤ 0.65	≤ 0.5
No load speed (RPM)	$84 \pm 10\%$	$84 \pm 10\%$
Rated load torque (N.m)	3	3.5
Rated current (A)	≤ 3.0	≤ 2.5
Rated load speed (RPM)	$65 \pm 10\%$	$69 \pm 10\%$
Rotation direction	CCW	CW/CCW



Datasheet – TRU Components

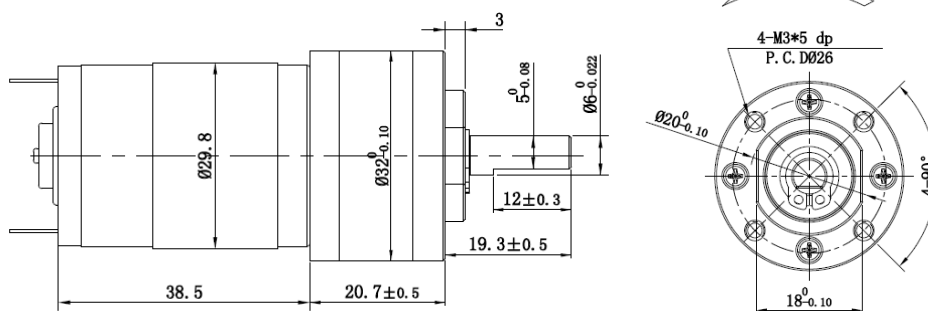
Item no.: 3402373 - 3402389



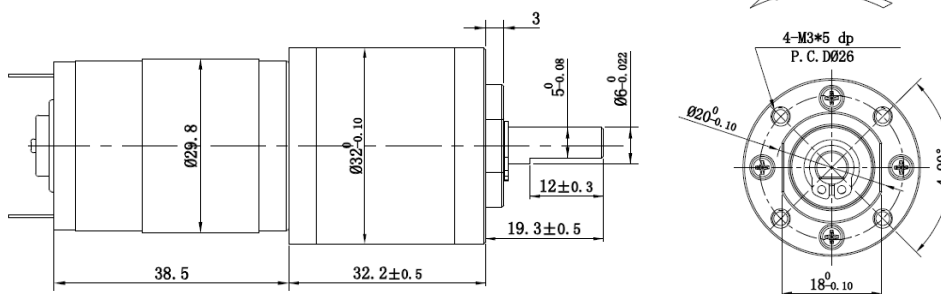
Planetary gear DC motor

- Dimensions drawing

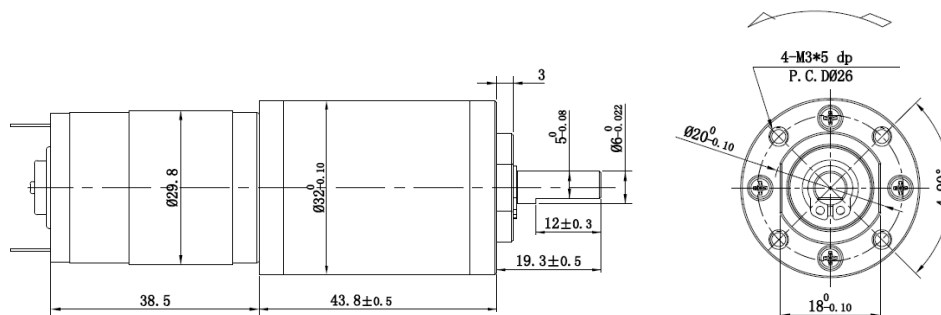
Item No. 3402373



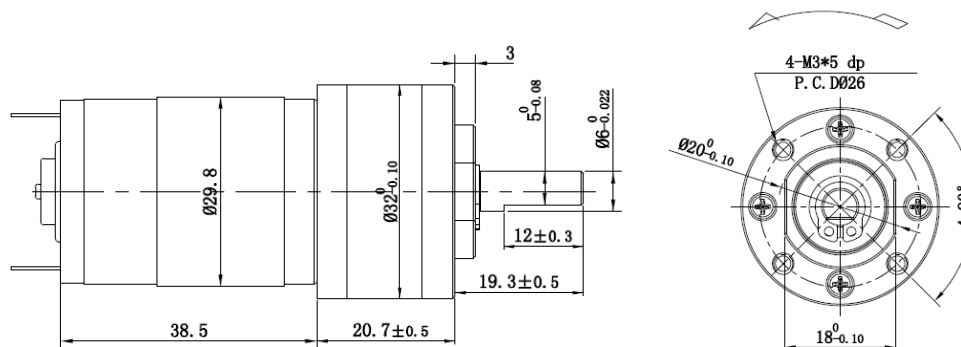
Item No. 3402374



Item No. 3402375



Item No. 3402376





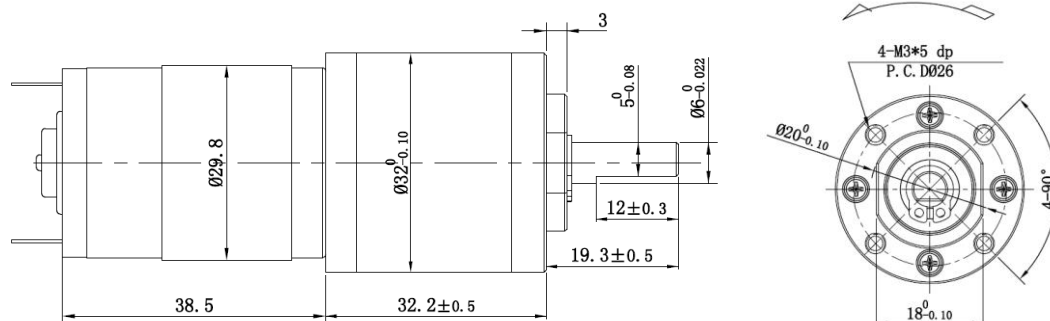
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Item no.: 3402373 - 3402389

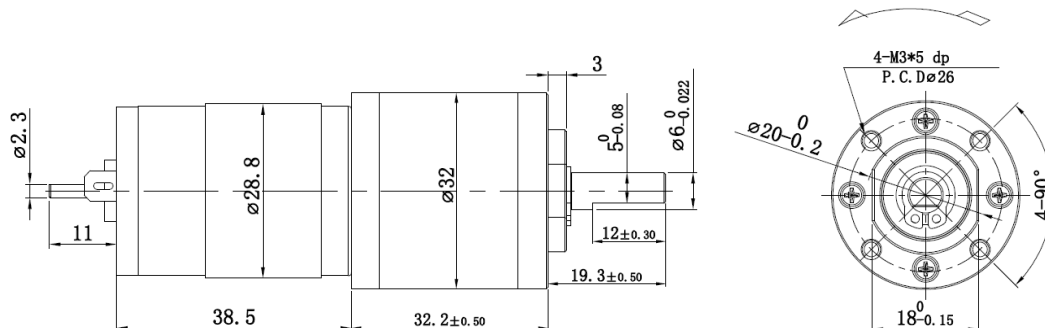


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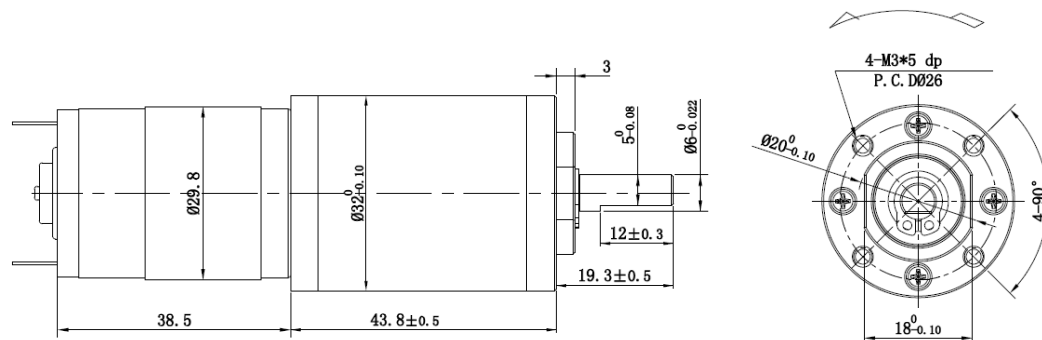
Item No. 3402377



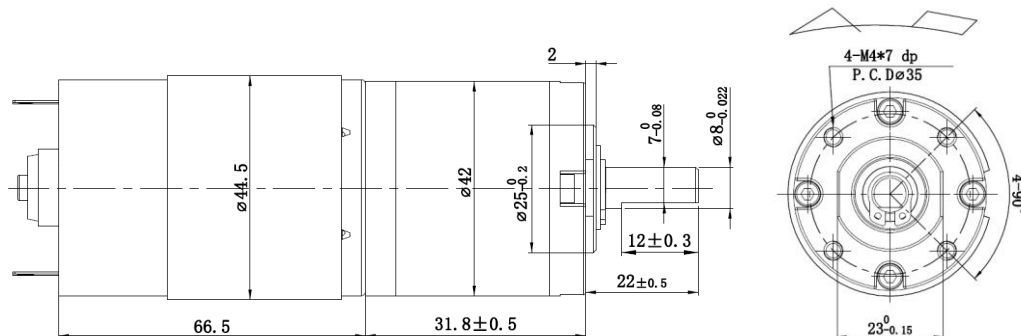
Item No. 3402378



Item No. 3402379



Item No. 3402380



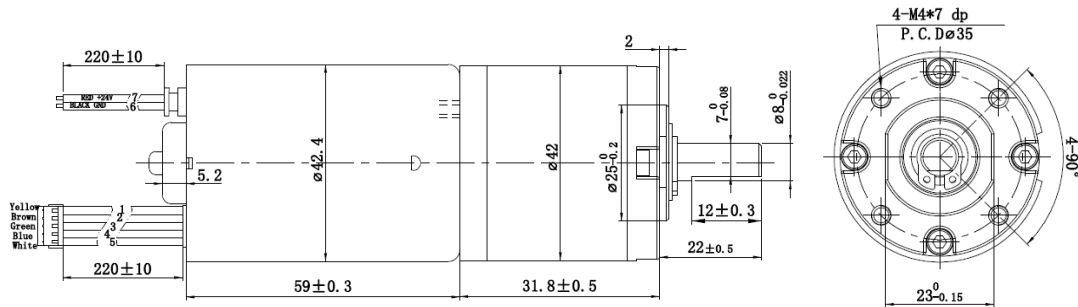
Datasheet – TRU Components

Item no.: 3402373 - 3402389

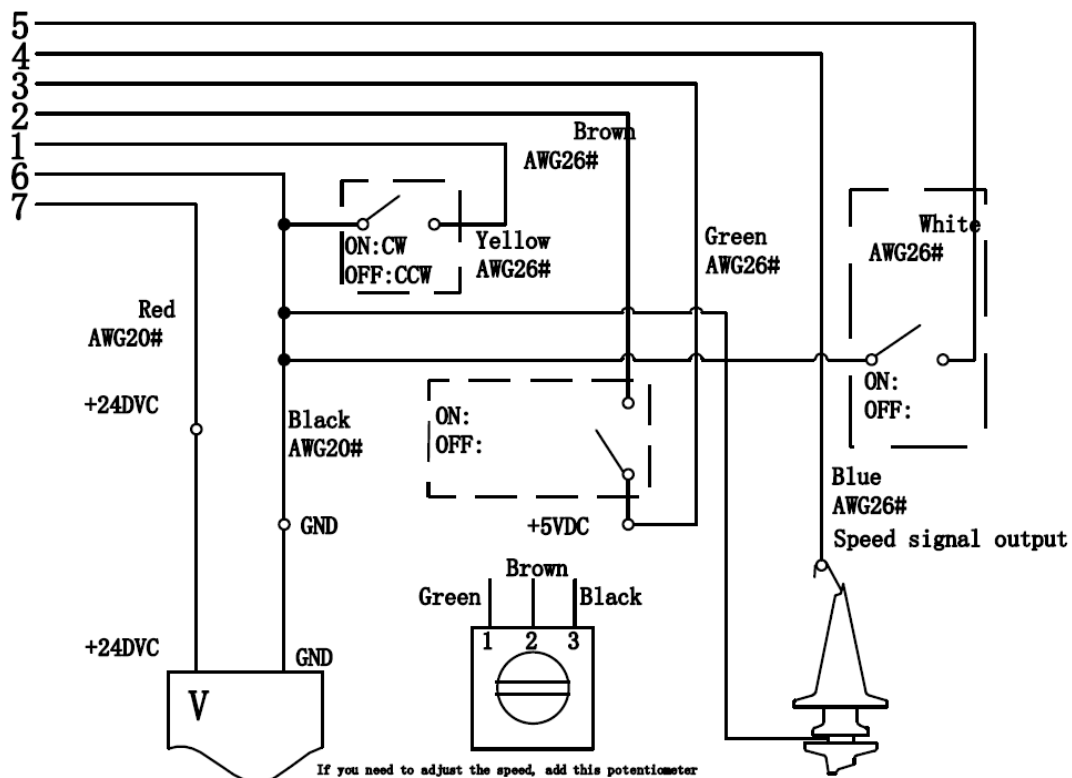


Planetary gear DC motor

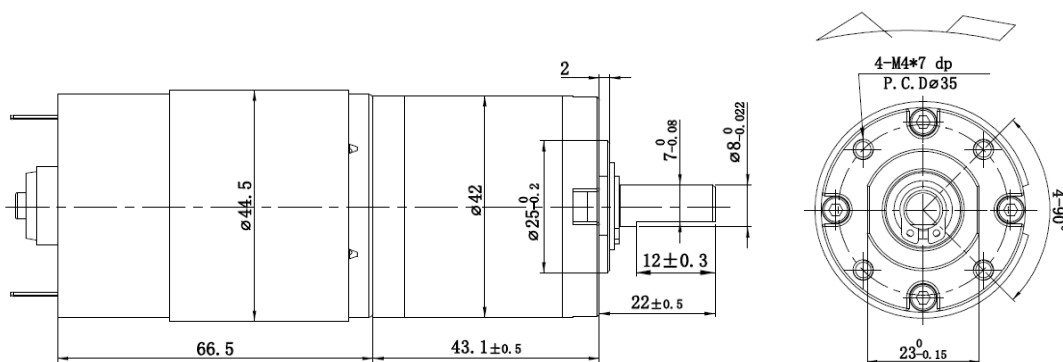
Item No. 3402381



Diagram



Item No. 3402382



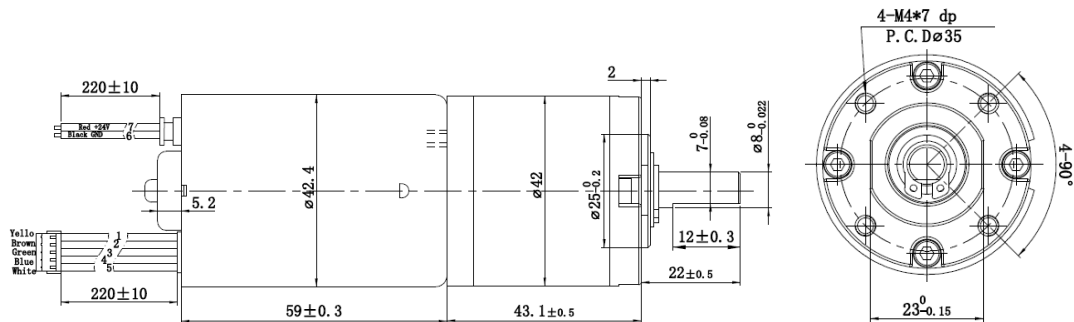
Datasheet – TRU Components

Item no.: 3402373 - 3402389

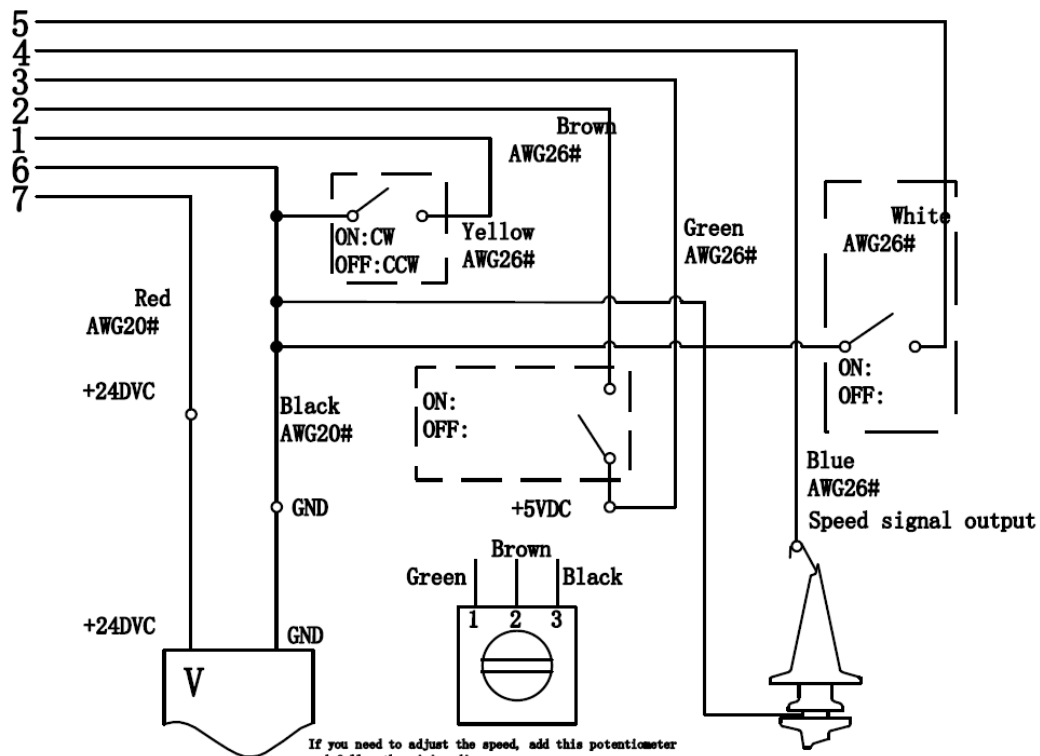


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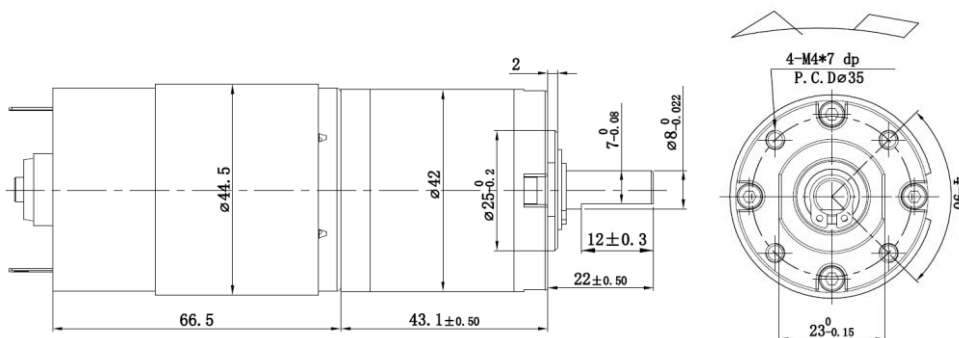
Item No. 3402383



Diagram



Item No. 3402384



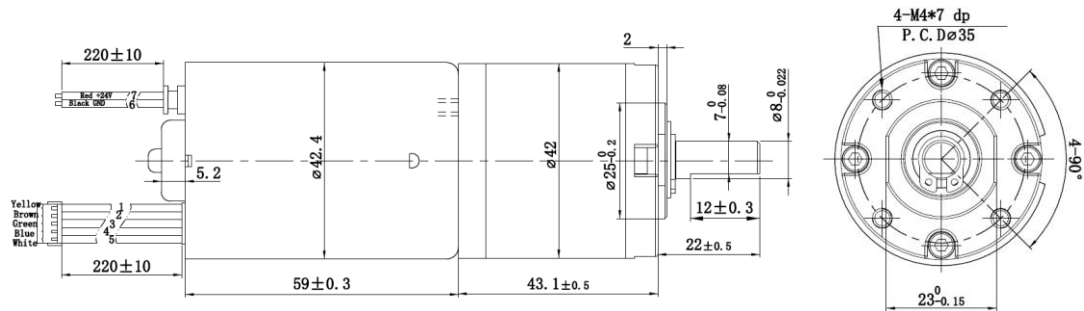
Datasheet – TRU Components

Item no.: 3402373 - 3402389

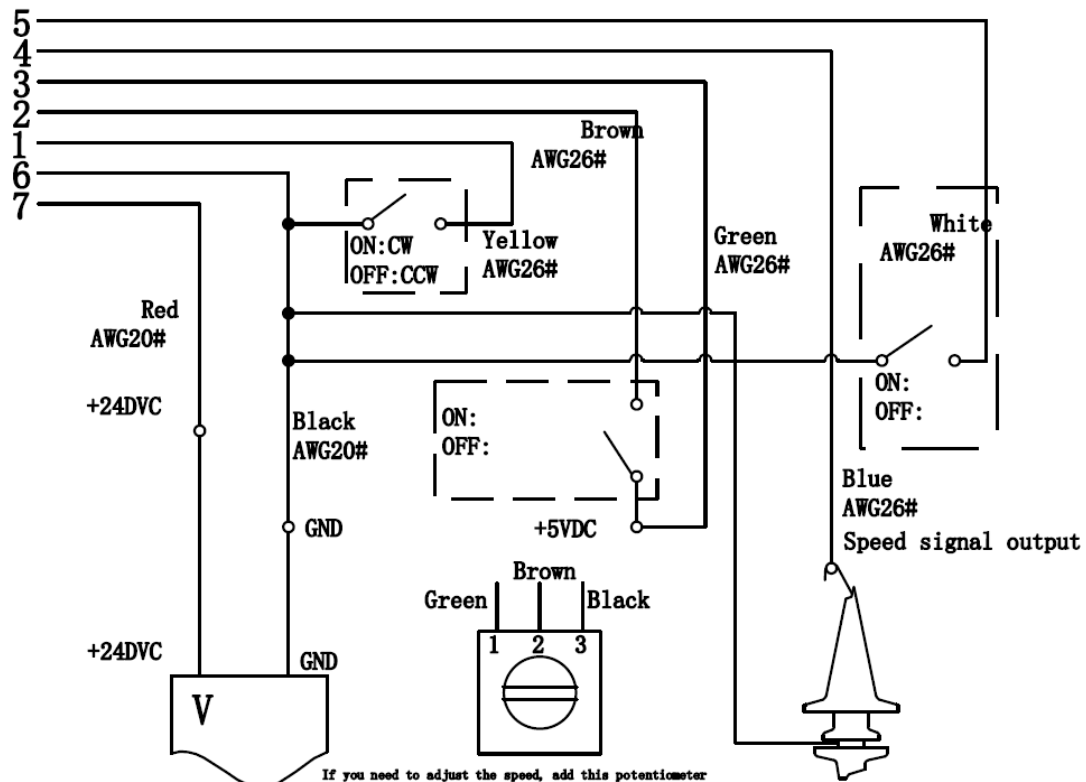


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Item No. 3402385



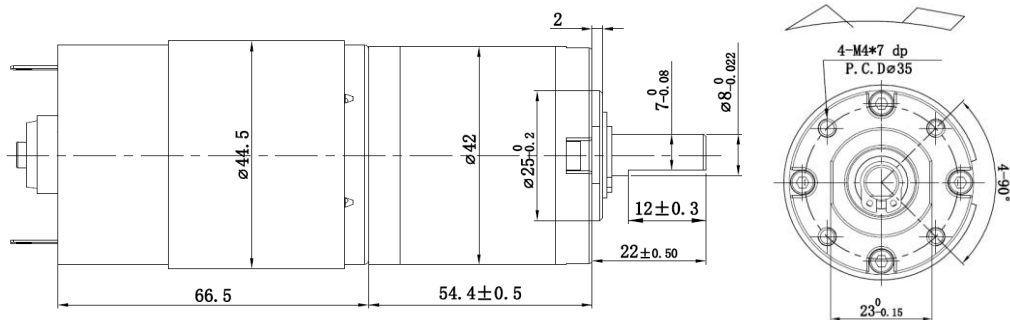
Diagram



If you need to adjust the speed, add this potentiometer and follow the wiring diagram;

The green wire is connected to 5VDC voltage, the brown wire is for speed adjustment, and the motor runs at full speed when the green and brown wires are connected.

Item No. 3402386



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Technical drawing of the 4-Port 1/2" Female BNC Connector, Model 100-1000. The drawing includes a side view and a top view.

Side View Dimensions:

- Overall length: 220 ± 10 mm
- Port diameter: $\varnothing 42 \pm 0.4$ mm
- Body diameter: 54.4 ± 0.5 mm
- Port diameter (inner): $\varnothing 25 \pm 0.2$ mm
- Port length: 12 ± 0.3 mm
- Port diameter (outer): $\varnothing 8 \pm 0.022$ mm
- Port diameter (inner): $\varnothing 7 \pm 0.08$ mm
- Port diameter (outer): $\varnothing 2 \pm 0.08$ mm
- Port diameter (inner): $\varnothing 1.2 \pm 0.08$ mm
- Port diameter (outer): $\varnothing 1.2 \pm 0.08$ mm
- Port diameter (inner): $\varnothing 1.2 \pm 0.08$ mm
- Port diameter (outer): $\varnothing 1.2 \pm 0.08$ mm

Top View Dimensions:

- Overall diameter: 54.4 ± 0.5 mm
- Port diameter: $\varnothing 42 \pm 0.4$ mm
- Port diameter (inner): $\varnothing 25 \pm 0.2$ mm
- Port length: 12 ± 0.3 mm
- Port diameter (outer): $\varnothing 8 \pm 0.022$ mm
- Port diameter (inner): $\varnothing 7 \pm 0.08$ mm
- Port diameter (outer): $\varnothing 2 \pm 0.08$ mm
- Port diameter (inner): $\varnothing 1.2 \pm 0.08$ mm
- Port diameter (outer): $\varnothing 1.2 \pm 0.08$ mm
- Port diameter (inner): $\varnothing 1.2 \pm 0.08$ mm
- Port diameter (outer): $\varnothing 1.2 \pm 0.08$ mm

Notes:

- Yellow, Brown, Green, Blue, White
- 4-M4*7 dp
- P. C. D $\varnothing 35$
- 4-90°
- 23 ± 0.15

5
4
3
2
1
6
7

Red
AWG20#

+24DVC

Black
AWG20#

GND

+24DVC

GND

V

ON: CW
OFF: CCW

Yellow
AWG26#

Brown
AWG26#

Green
AWG26#

White
AWG26#

ON:
OFF:

Blue
AWG26#

Speed signal output

ON:
OFF:

+5VDC

Green
Brown
Black

1 2 3

If you need to adjust the speed, add this potentiometer

If you need to adjust the speed, add this potentiometer and follow the wiring diagram:

The green wire is connected to 5VDC voltage, the brown wire is for speed adjustment, and the motor runs at full speed when the green and brown wires are connected.

Item No. 3402389

