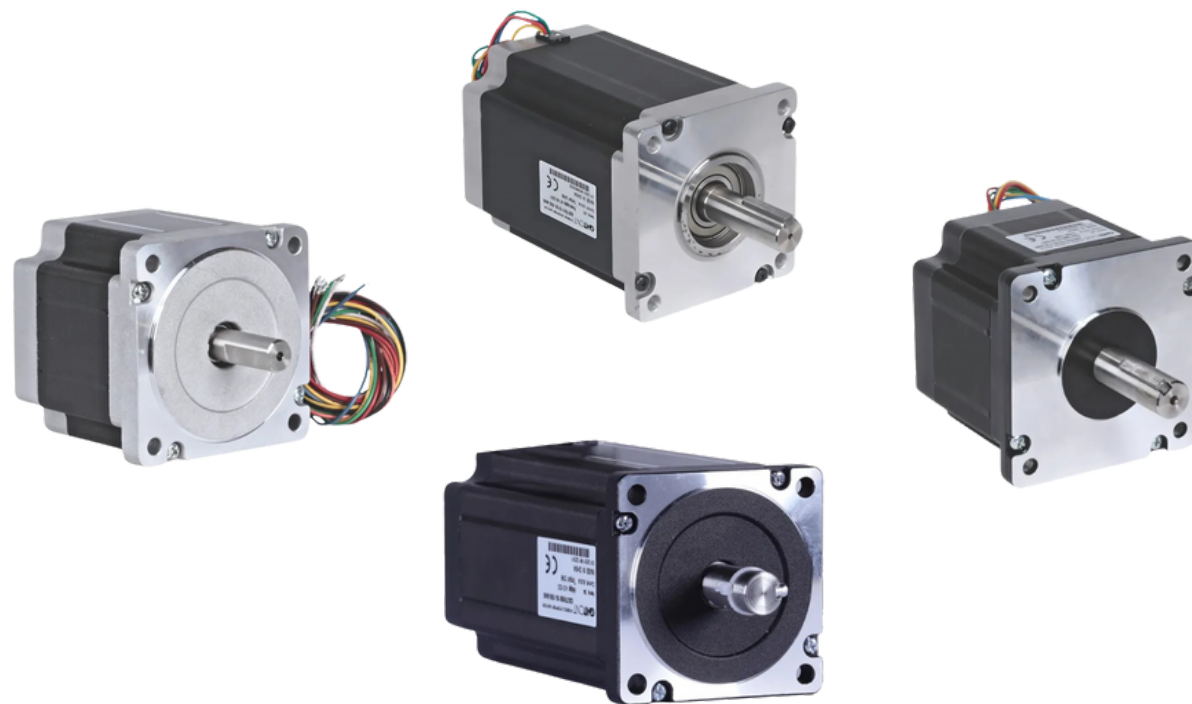


# GMTCNT STEPPER MOTORS



## **Attention !**

**Read the user manual carefully before using the device!**

Responsibility for damages, losses and personal accidents caused by not following the warnings in the user manual belongs to the user. In case of failure to comply with the instructions, the product will be out of warranty.

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**GMTCNT STEPPER MOTORS**  
**MODEL: GSTM4218-048-810**  
**User Guide**



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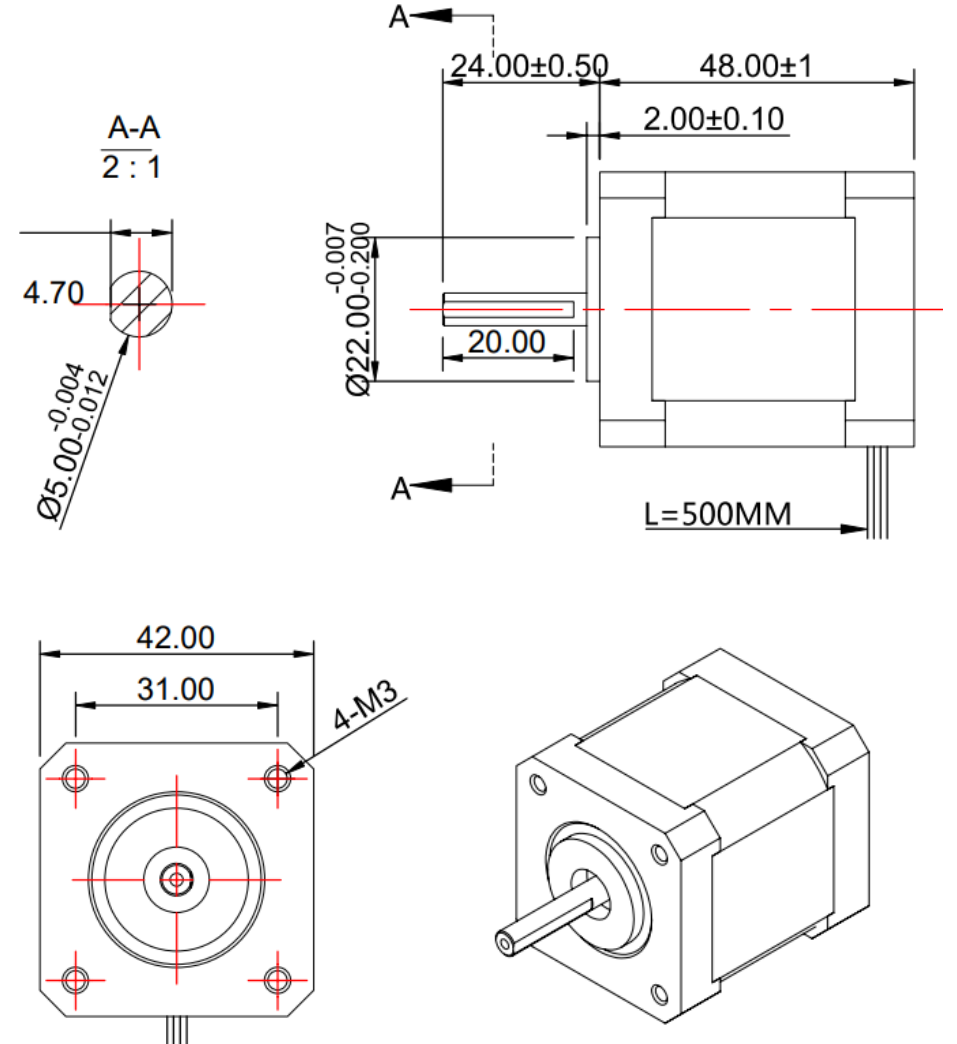
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E-Mail: [gmt@gmtcontrol.com](mailto:gmt@gmtcontrol.com)

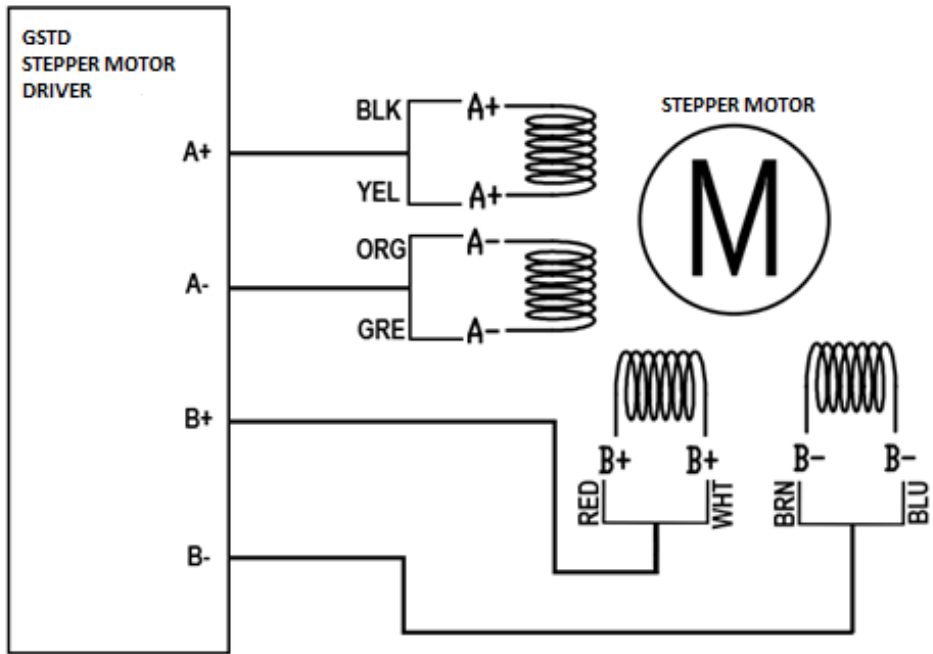
**1. Technical Specifications**

| Model            | L(mm) | N.m  | A | Shaft diameter (mm) |
|------------------|-------|------|---|---------------------|
| GSTM4218-048-810 | 48    | 0.34 | 1 | 5                   |

**2. Mechanical Drawing (mm)**



### 3. Connection Diagram





**GMTCNT STEPPER MOTORS**  
**MODEL: GSTM5718-080-830**  
**User Guide**



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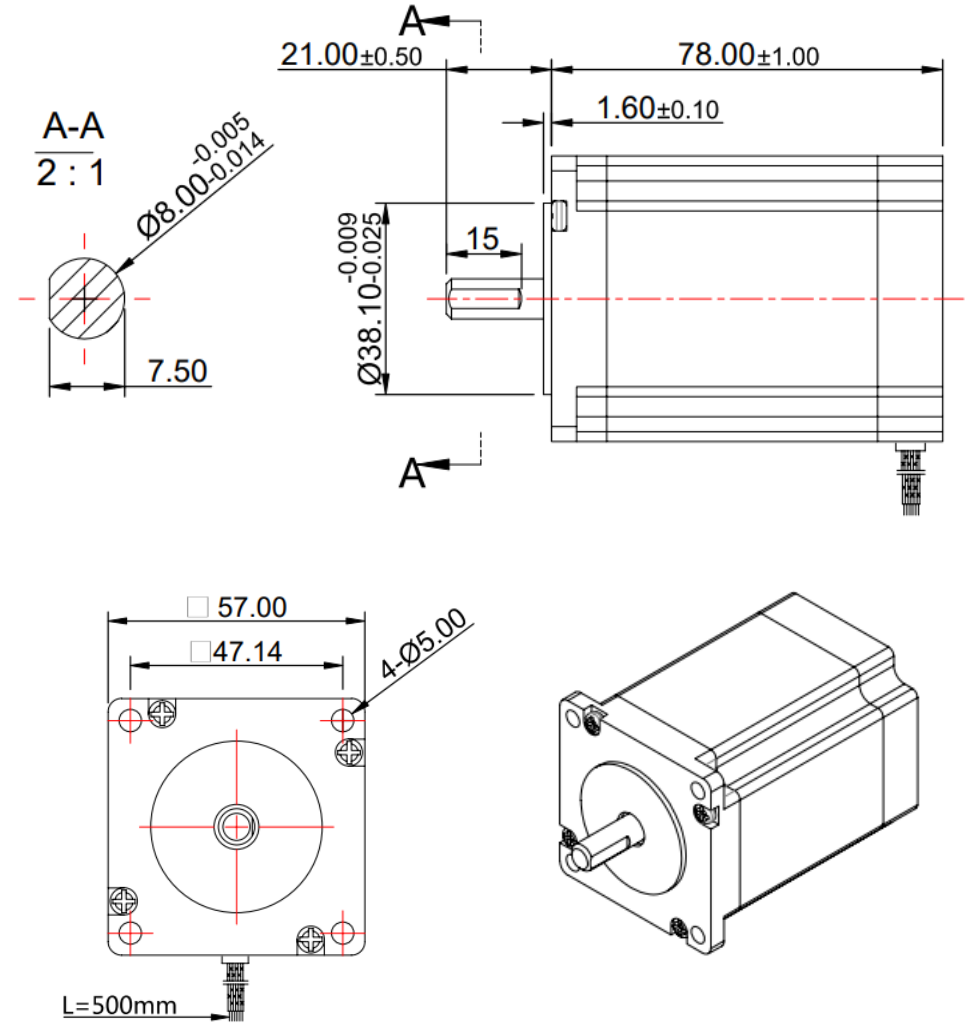
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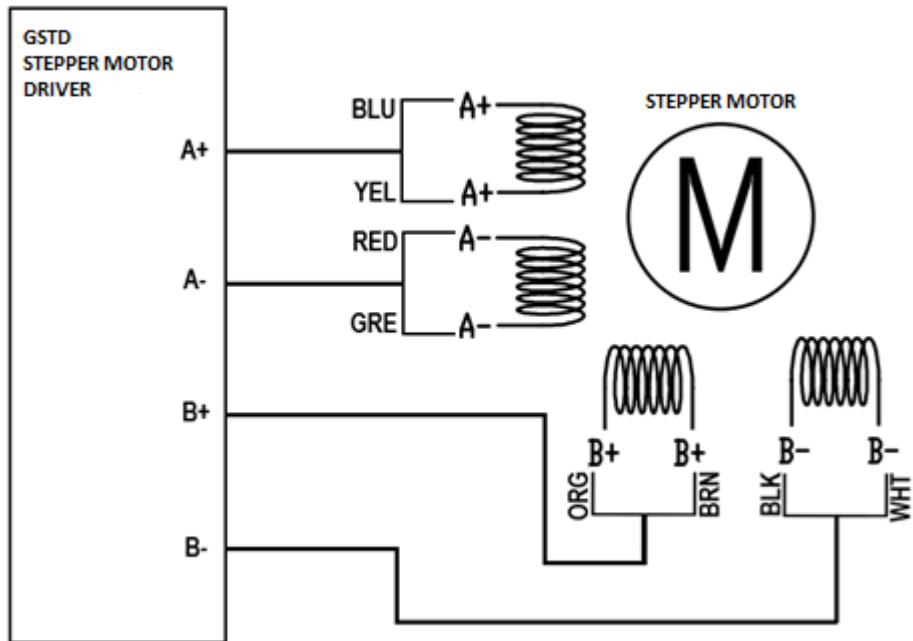
**1. Technical Specifications**

| Model            | L(mm) | N.m | A | Shaft Diameter (mm) |
|------------------|-------|-----|---|---------------------|
| GSTM5718-080-830 | 80    | 2   | 3 | 8                   |

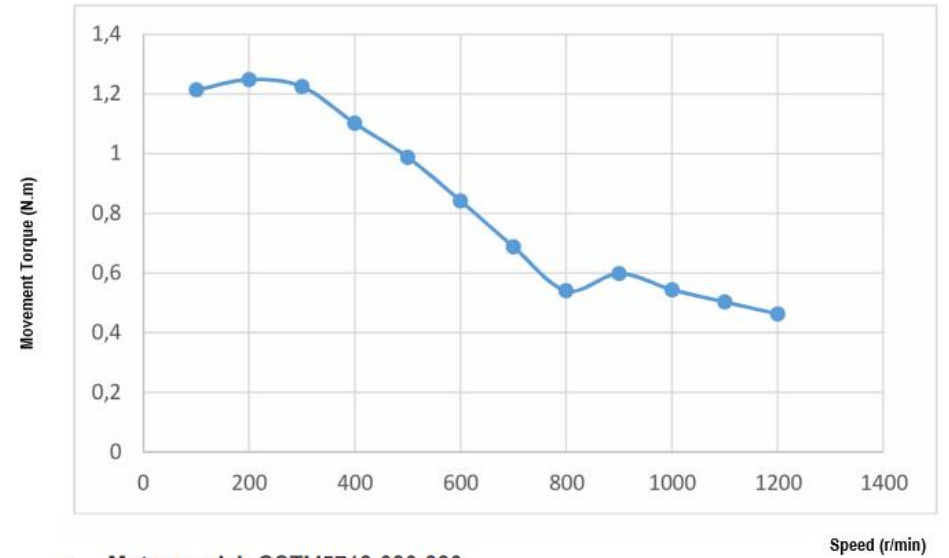
**2. Mechanical Drawing (mm)**



### 3. Connection Diagram



### 4. Stepper Motor Torque-Speed Curves



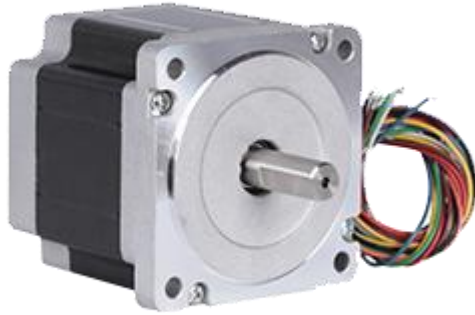
- **Motor model:** GSTM5718-080-830
- **Test voltage:** 36 VDC
- **Motor:** Parallel connection
- **Test driver:** GSTD2542
- **Test microstep:** 8 (1600 PPR)
- **Test current:** 3.0 A (RMS)



# GMTCNT STEPPER MOTORS

## MODEL: GSTM8618-080-842

### User Guide



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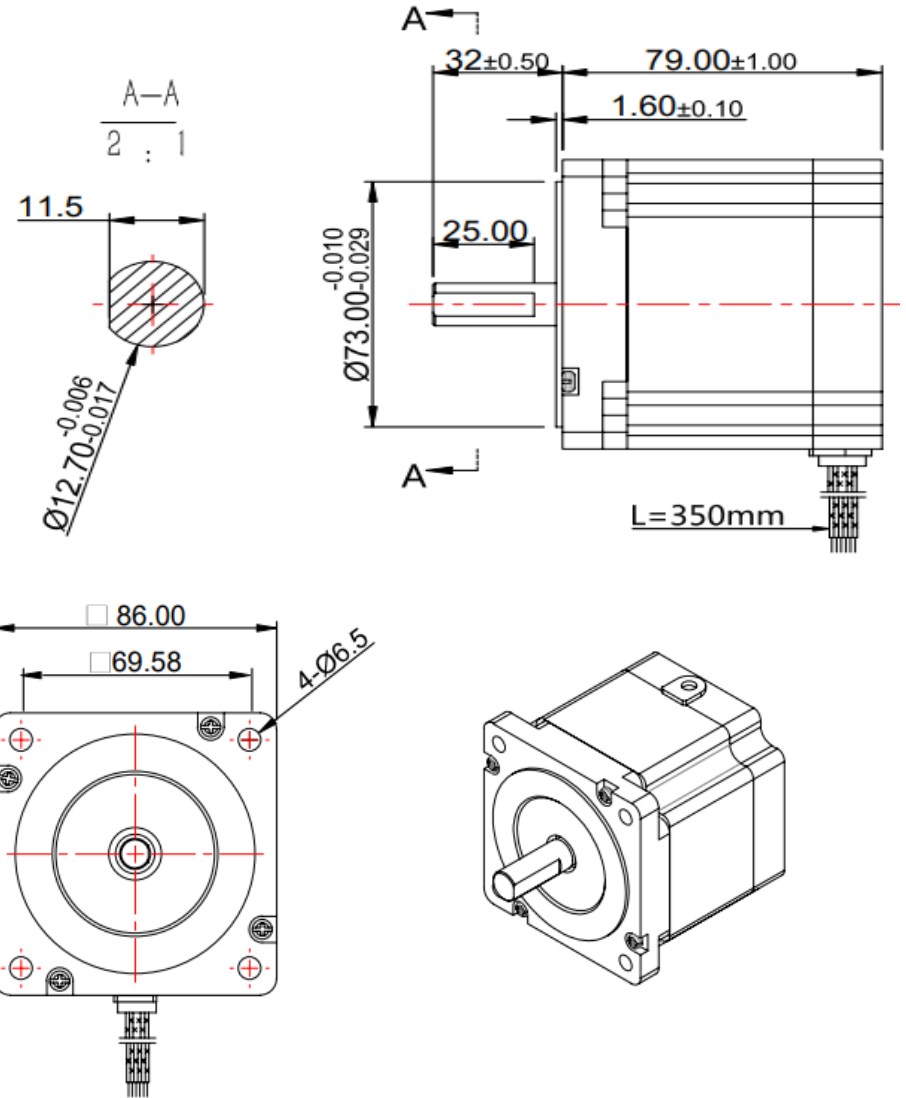
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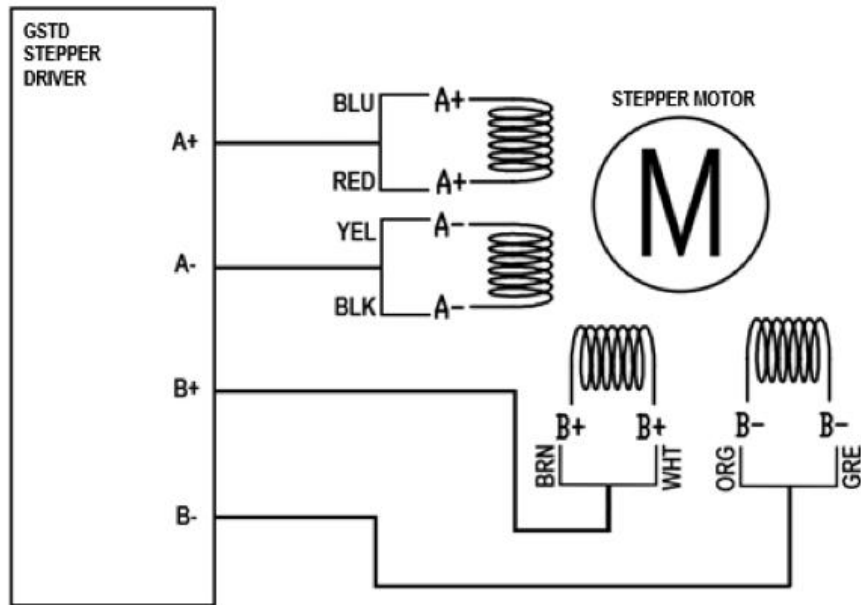
## 1. Technical Specifications

| Model            | L(mm) | N.m | A   | Shaft Diameter (mm) |
|------------------|-------|-----|-----|---------------------|
| GSTM8618-080-842 | 80    | 4.5 | 4.2 | 12.7                |

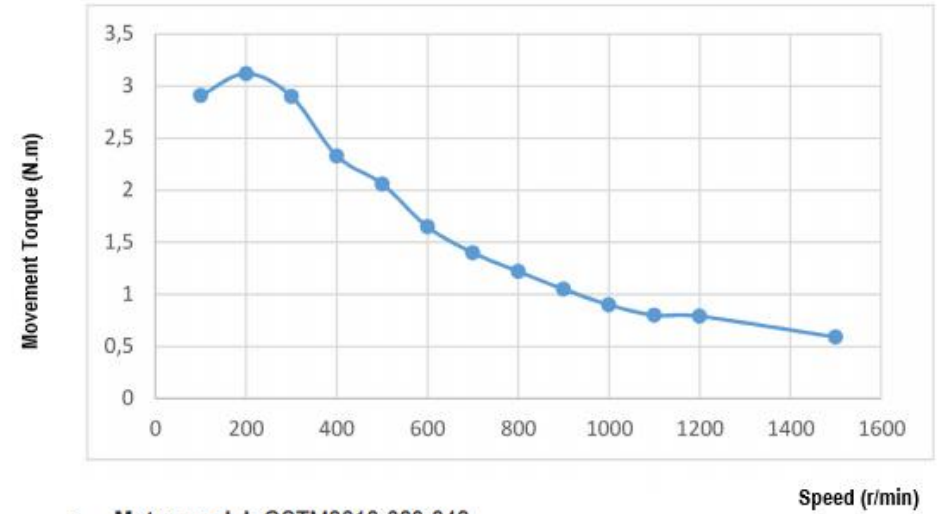
## 2. Mechanical Drawing (mm)



### 3. Connection Diagram



### 4. Stepper Motor Torque-Speed Curves



- **Motor model:** GSTM8618-080-842
- **Test voltage:** 80 VDC
- **Motor:** Parallel connection
- **Test driver:** GSTD2860
- **Test microstep:** 8 (1600 PPR)
- **Test current:** 4.0 A (RMS)

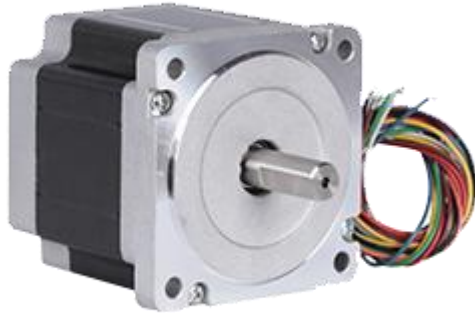




# GMTCNT STEPPER MOTORS

## MODEL: GSTM8618-118-842

### User Guide



#### Attention !

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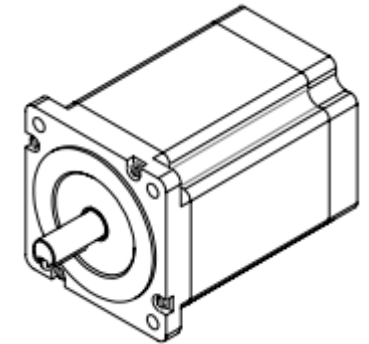
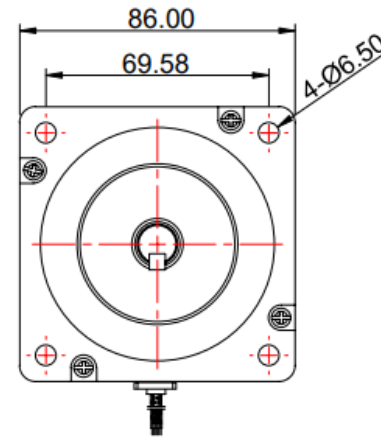
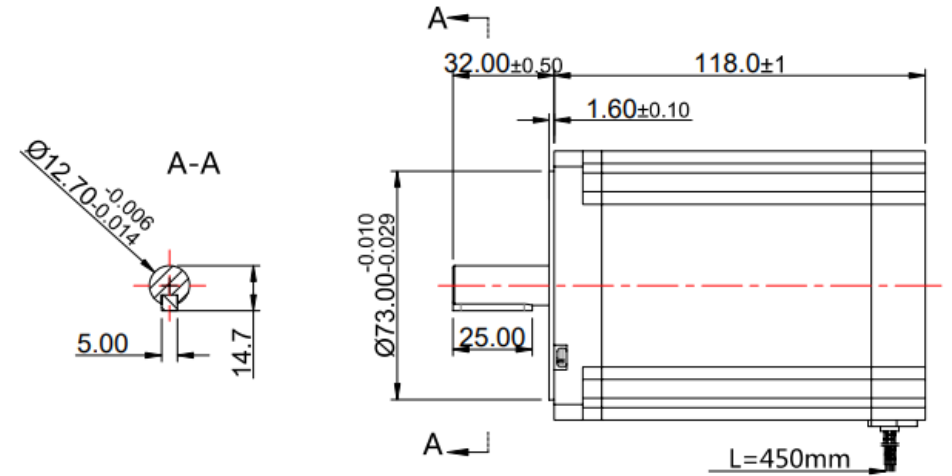
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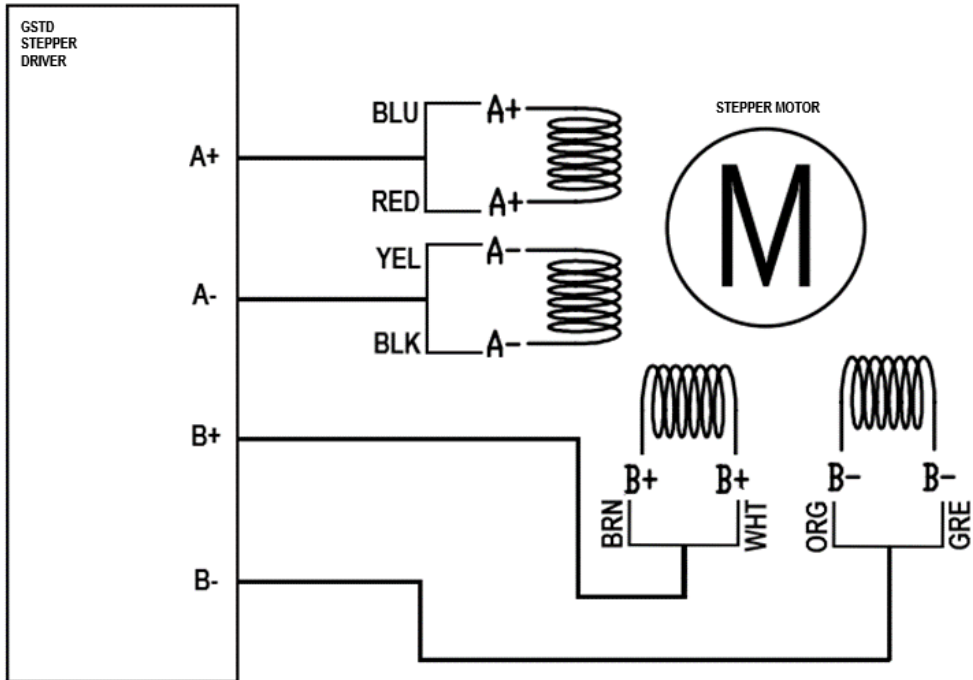
## 1. Technical Specifications

| Model            | L(mm) | N.m | A   | Shaft Diameter (mm) |
|------------------|-------|-----|-----|---------------------|
| GSTM8618-118-842 | 118   | 8.5 | 4.2 | 12.7                |

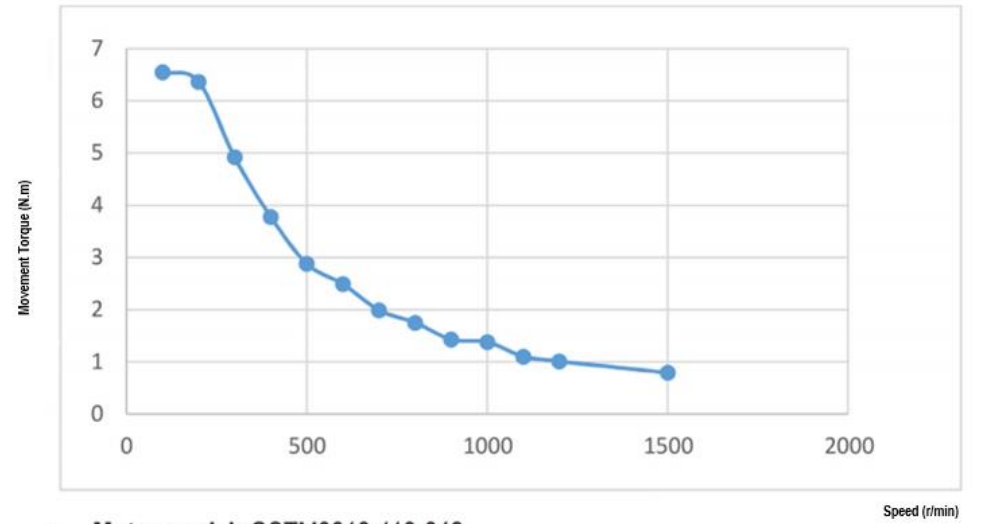
## 2. Mechanical Drawing (mm)



### 3. Connection Diagram



### 4. Stepper Motor Torque-Speed Curves



- **Motor model:** GSTM8618-118-842
- **Test voltage:** 80 VDC
- **Motor:** Parallel connection
- **Test driver:** GSTD2860
- **Test microstep:** 8 (1600PPR)
- **Test current:** 4.0 A(RMS)



# GMTCNT STEPPER MOTORS

## MODEL: GSTM8618-156-845

### User Guide



#### Attention !

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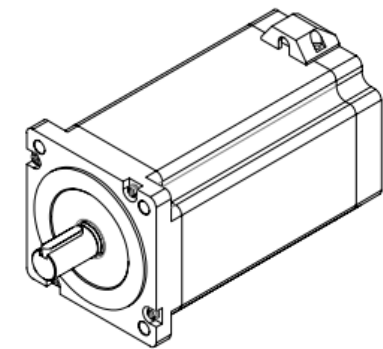
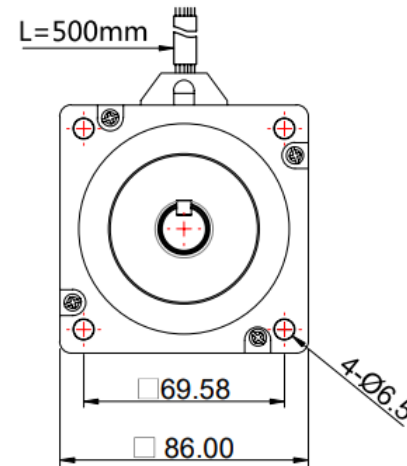
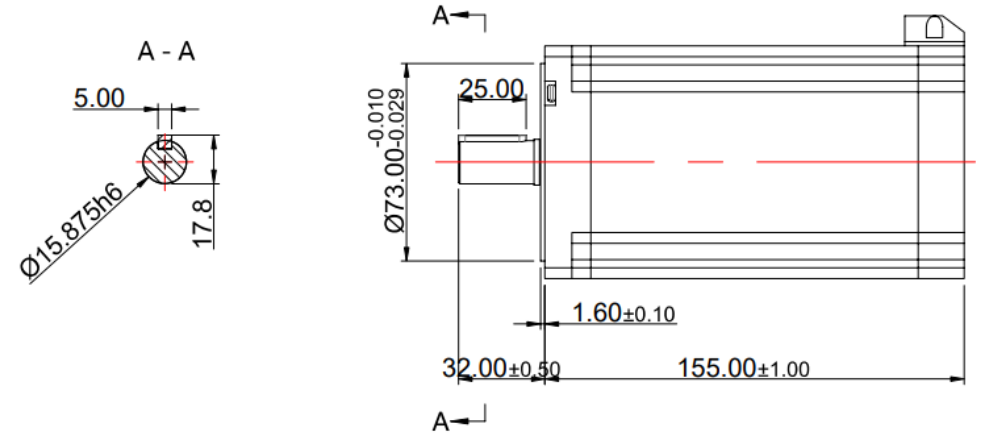
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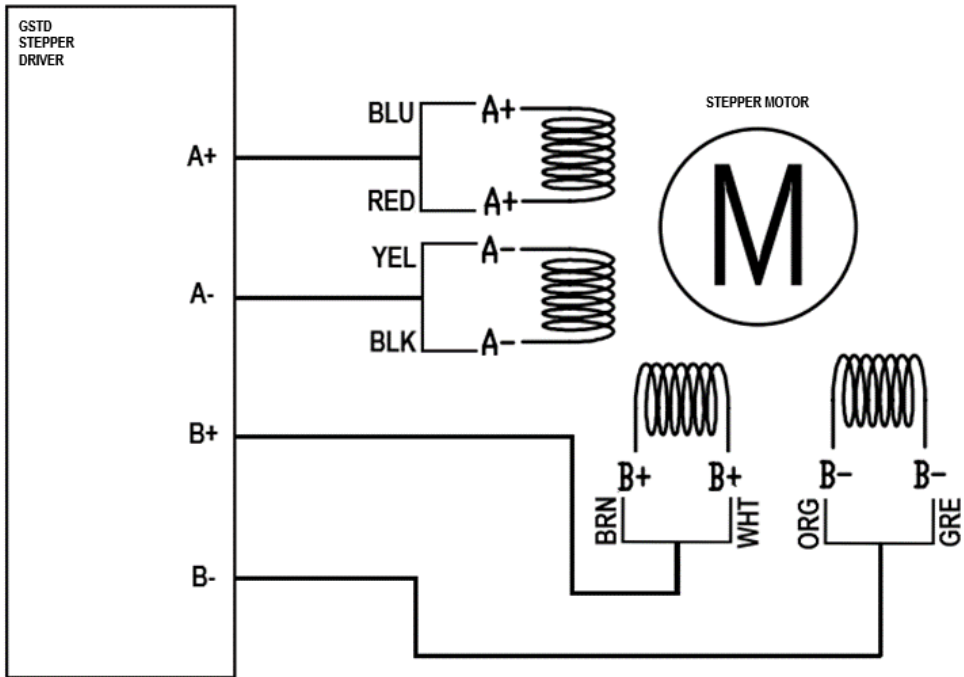
## 1. Technical Specifications

| Model            | L(mm) | N.m | A   | Shaft Diameter (mm) |
|------------------|-------|-----|-----|---------------------|
| GSTM8618-156-845 | 156   | 12  | 4.5 | 15.87               |

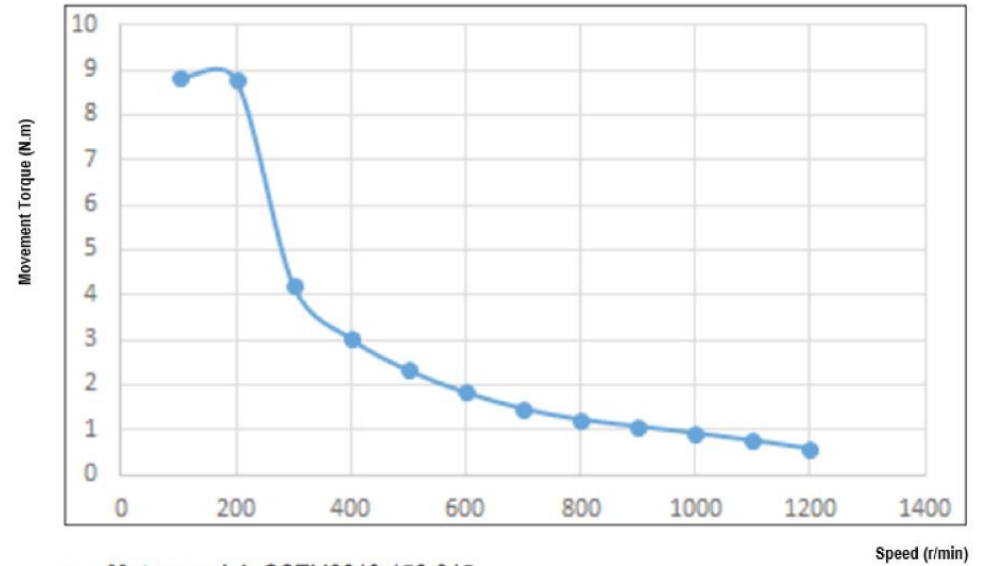
## 2. Mechanical Drawing (mm)



### 3. Connection Diagram



### 4. Stepper Motor Torque-Speed Curves



- **Motor model:** GSTM8618-156-845
- **Test voltage:** 80 VDC
- **Motor:** Parallel connection
- **Test driver:** GSTD2860
- **Test microstep:** 8 (1600 PPR)
- **Test current:** 4.6 A (RMS)



**GMTCNT STEPPER MOTORS**  
**MODEL: GSTM11018-115-460**  
**User Guide**



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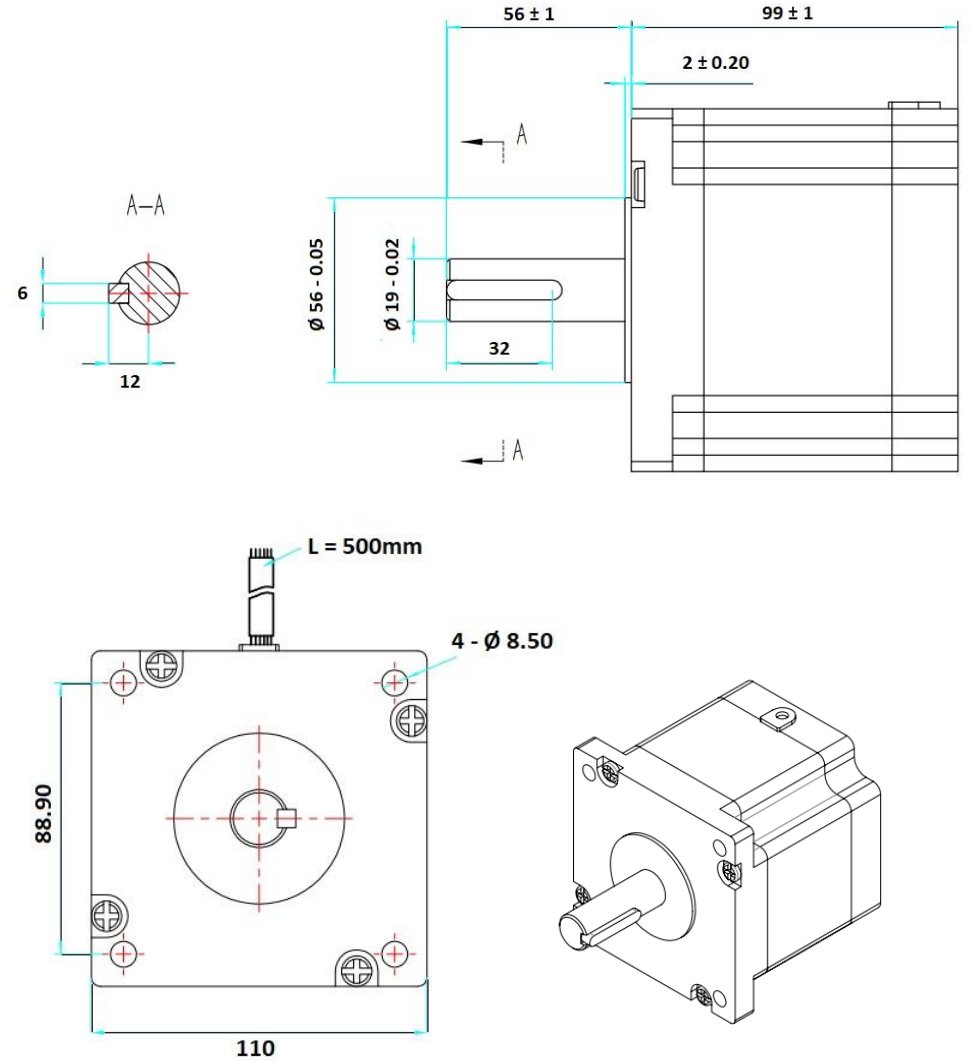
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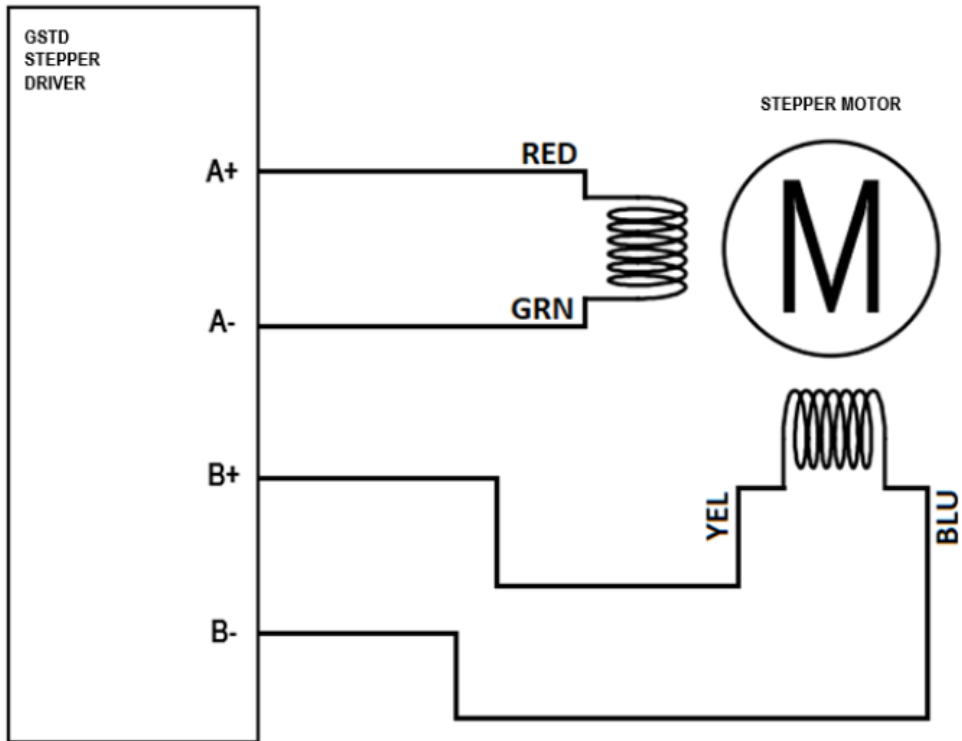
**1. Technical Specifications**

| Model             | L(mm) | N.m | A | Shaft Diameter (mm) |
|-------------------|-------|-----|---|---------------------|
| GSTM11018-115-460 | 99    | 12  | 6 | 19                  |

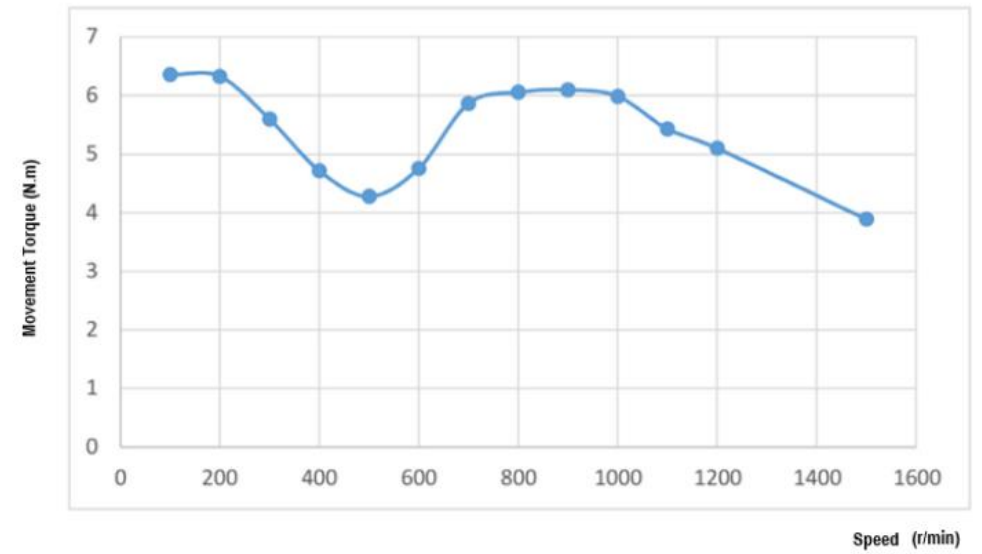
**2. Mechanical Drawing (mm)**



### 3. Connection Diagram



### 4. Stepper Motor Torque-Speed Curves



- Motor model: GSTM11018-115-460
- Test voltage: 220VAC
- Motor: Parallel connection
- Test driver: GSTD22280
- Test microstep: 8 (1600 PPR)
- Test current: 4.0 A (RMS)



**GMTCNT STEPER MOTORS**  
**MODEL: GSTM11018-150-460**  
**User Guide**



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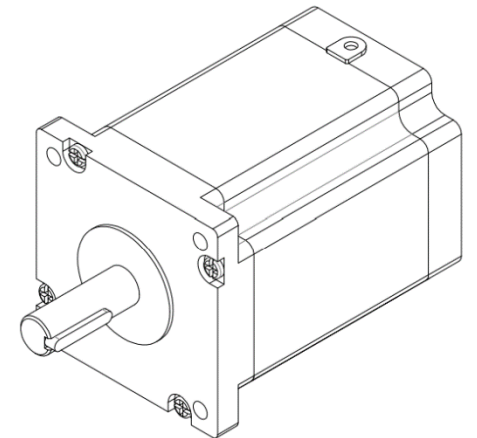
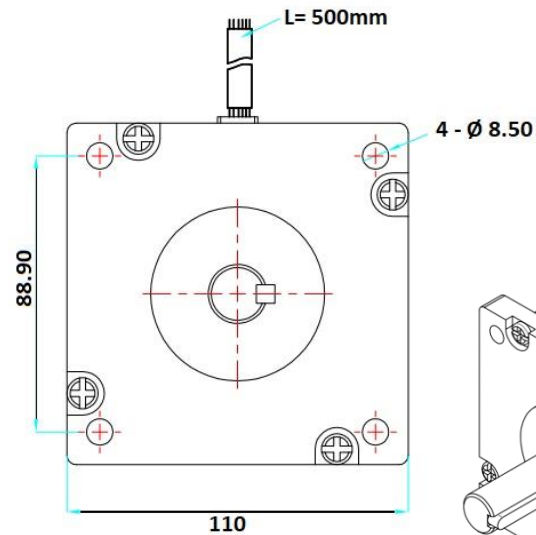
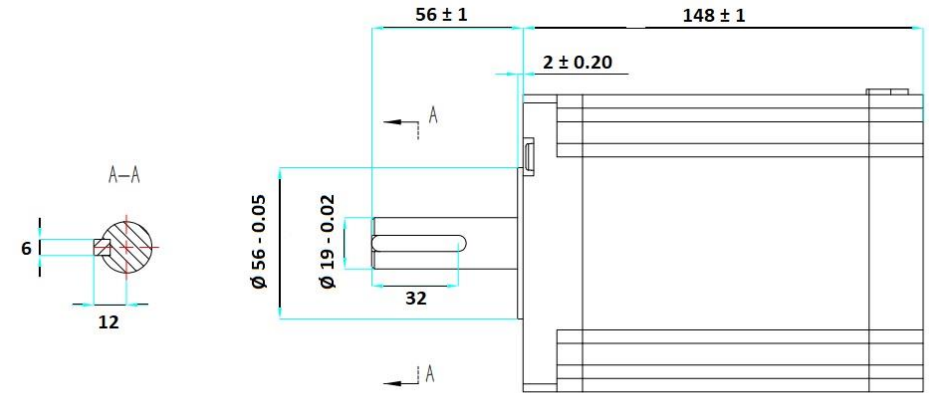
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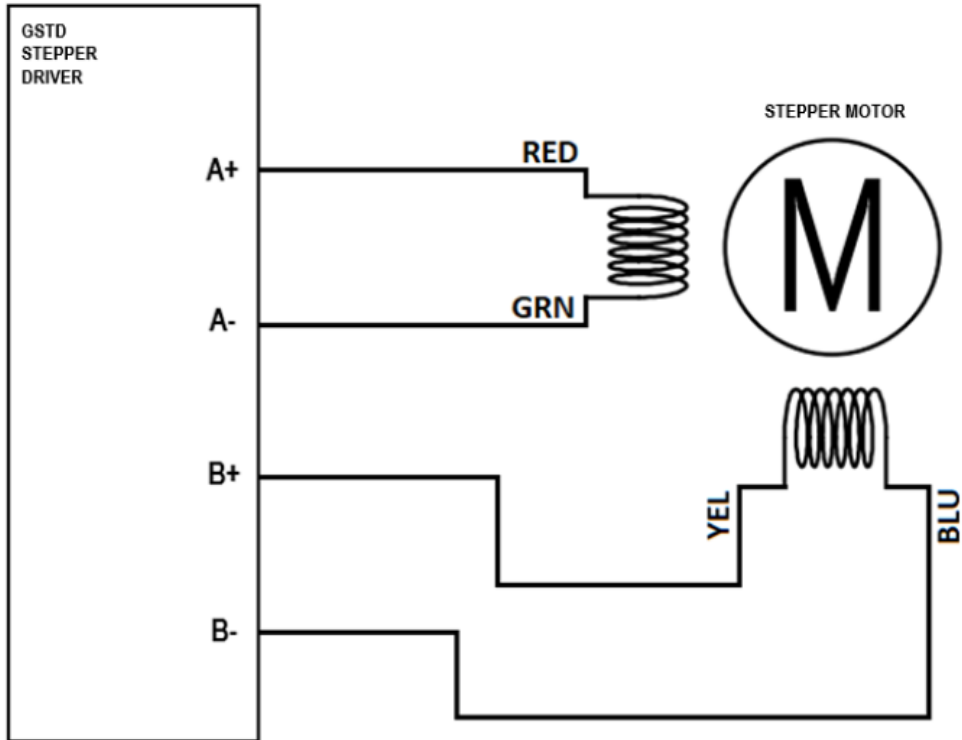
**1. Technical Specifications**

| Model             | L(mm) | N.m | A | Shaft Diameter (mm) |
|-------------------|-------|-----|---|---------------------|
| GSTM11018-150-460 | 150   | 20  | 6 | 19                  |

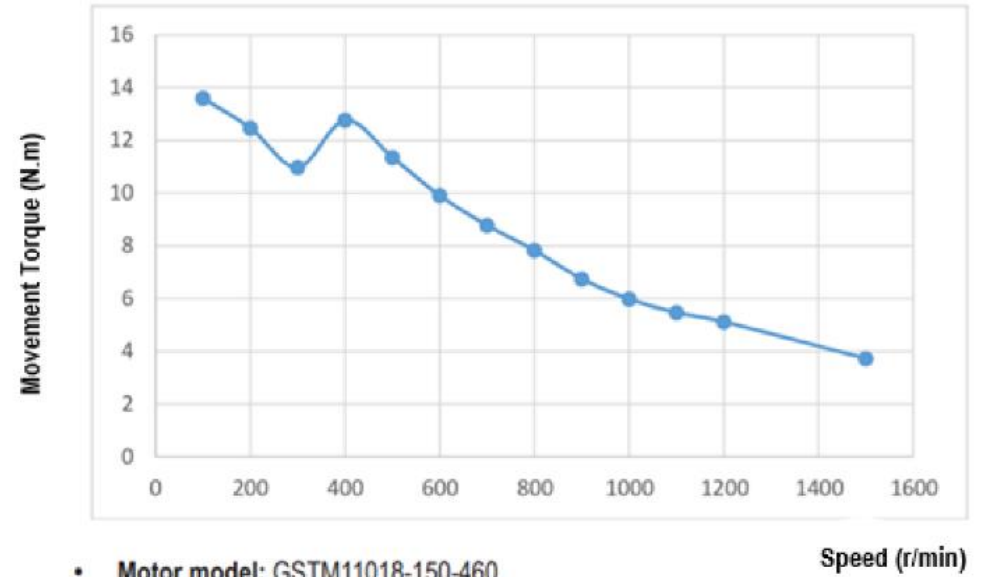
**2. Mechanical Drawing (mm)**



### 3. Connection Diagram



### 4. Stepper Motor Torque-Speed Curves



- Motor model: GSTM11018-150-460
- Test voltage: 220VAC
- Motor: Parallel connection
- Test driver: GSTD22280
- Test microstep: 8 (1600 PPR)
- Test current: 4.0 A (RMS)





# GMTCNT STEPPER MOTORS

MODEL: GSTM11018-165-460

## User Guide



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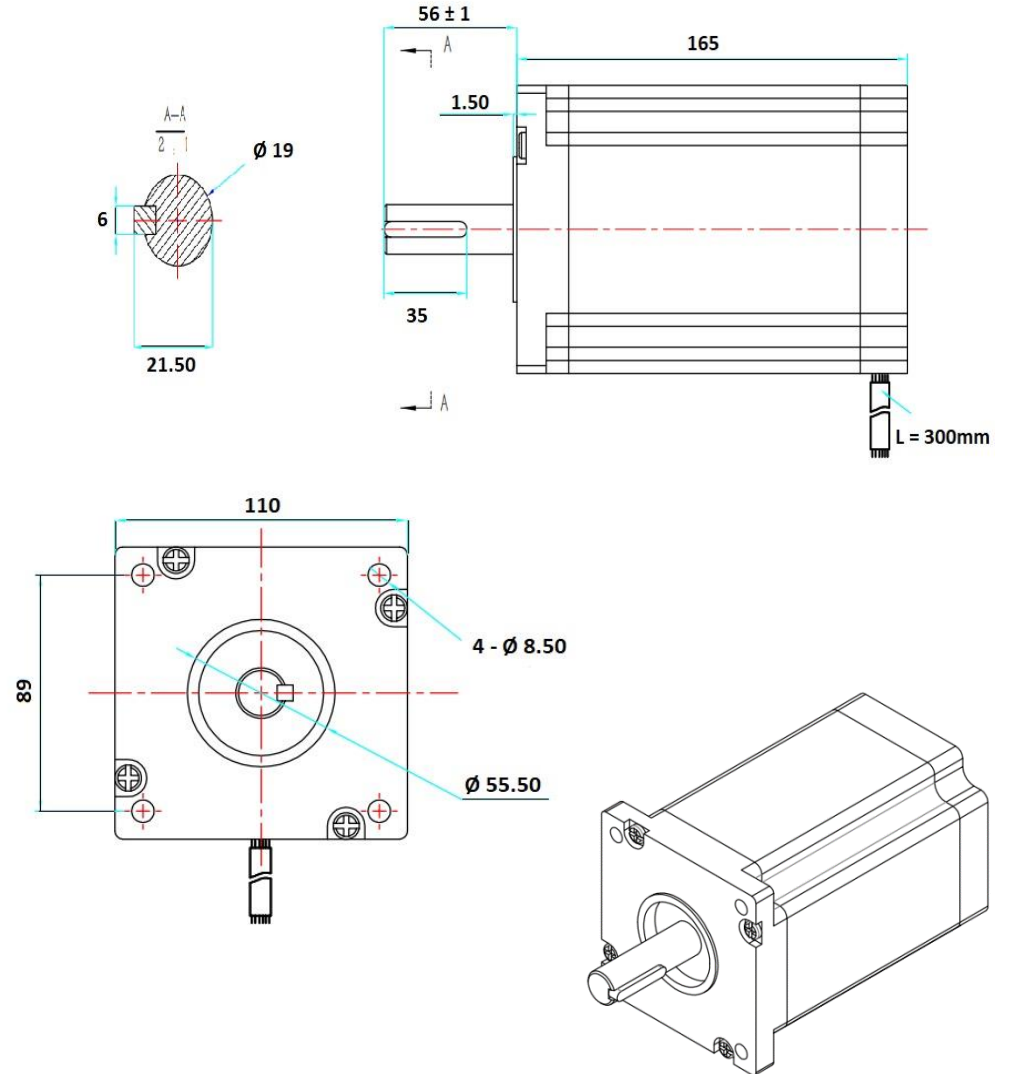
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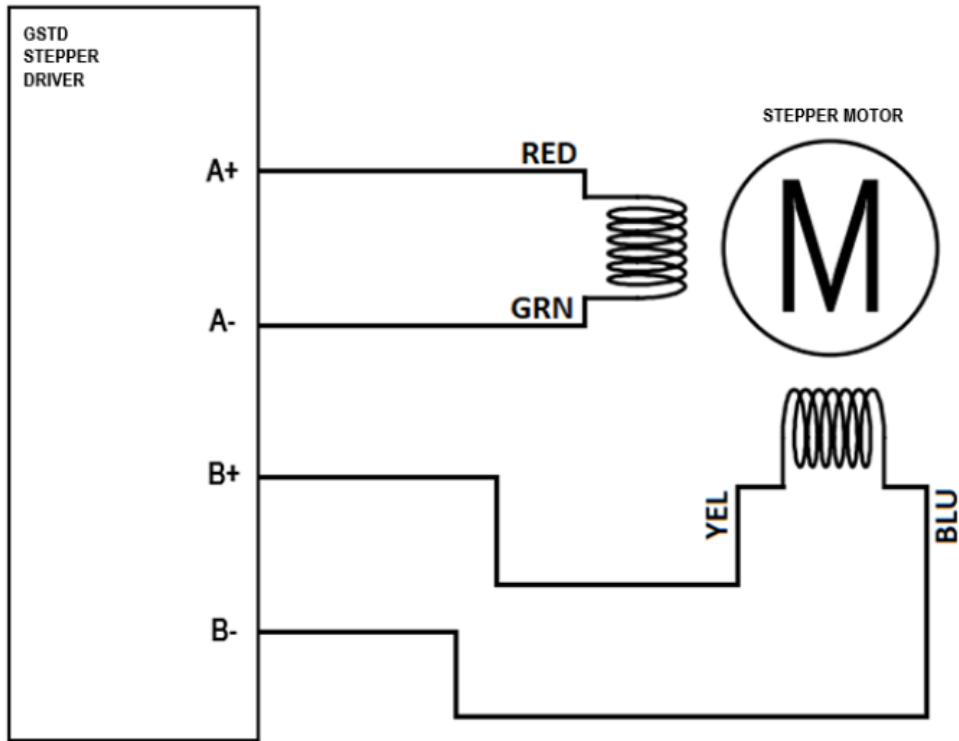
## 1. Technical Specifications

| Model             | L(mm) | N.m | A | Shaft Diameter (mm) |
|-------------------|-------|-----|---|---------------------|
| GSTM11018-165-460 | 160   | 24  | 6 | 19                  |

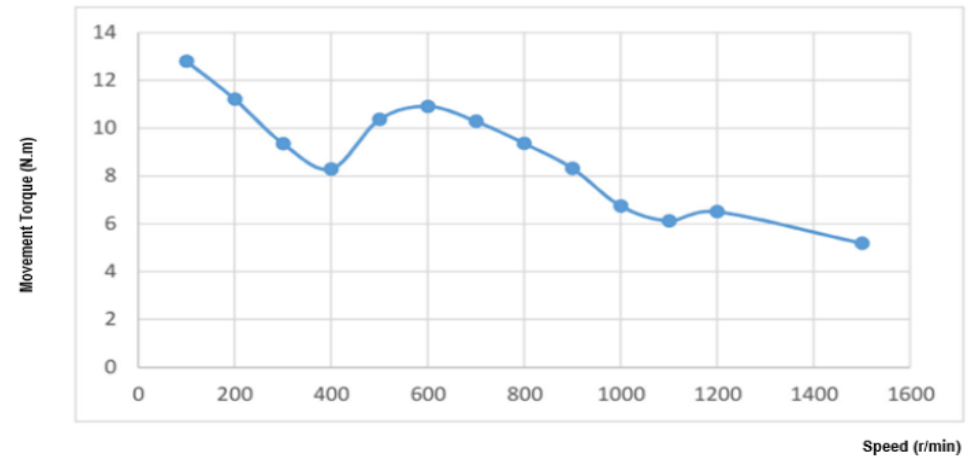
## 2. Mechanical Drawing (mm)



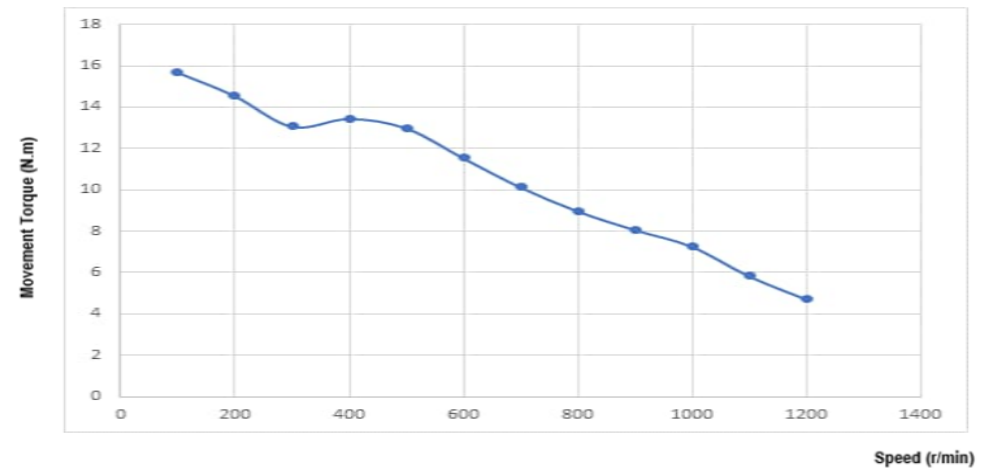
### 3. Connection Diagram



### 4. Stepper Motor Torque-Speed Curves



- **Motor model:** GSTM11018-165-460
- **Test voltage:** 80 VAC
- **Motor:** Parallel connection
- **Test driver:** GSTD22280
- **Test microstep:** 8 (1600 PPR)
- **Test current:** 4.0 A (RMS)



- **Motor model:** GSTM11018-165-460
- **Test voltage:** 220 VAC
- **Motor:** Parallel connection
- **Test driver:** GSTD22280
- **Test microstep:** 8 (1600 PPR)
- **Test current:** 4.0 A (RMS)