



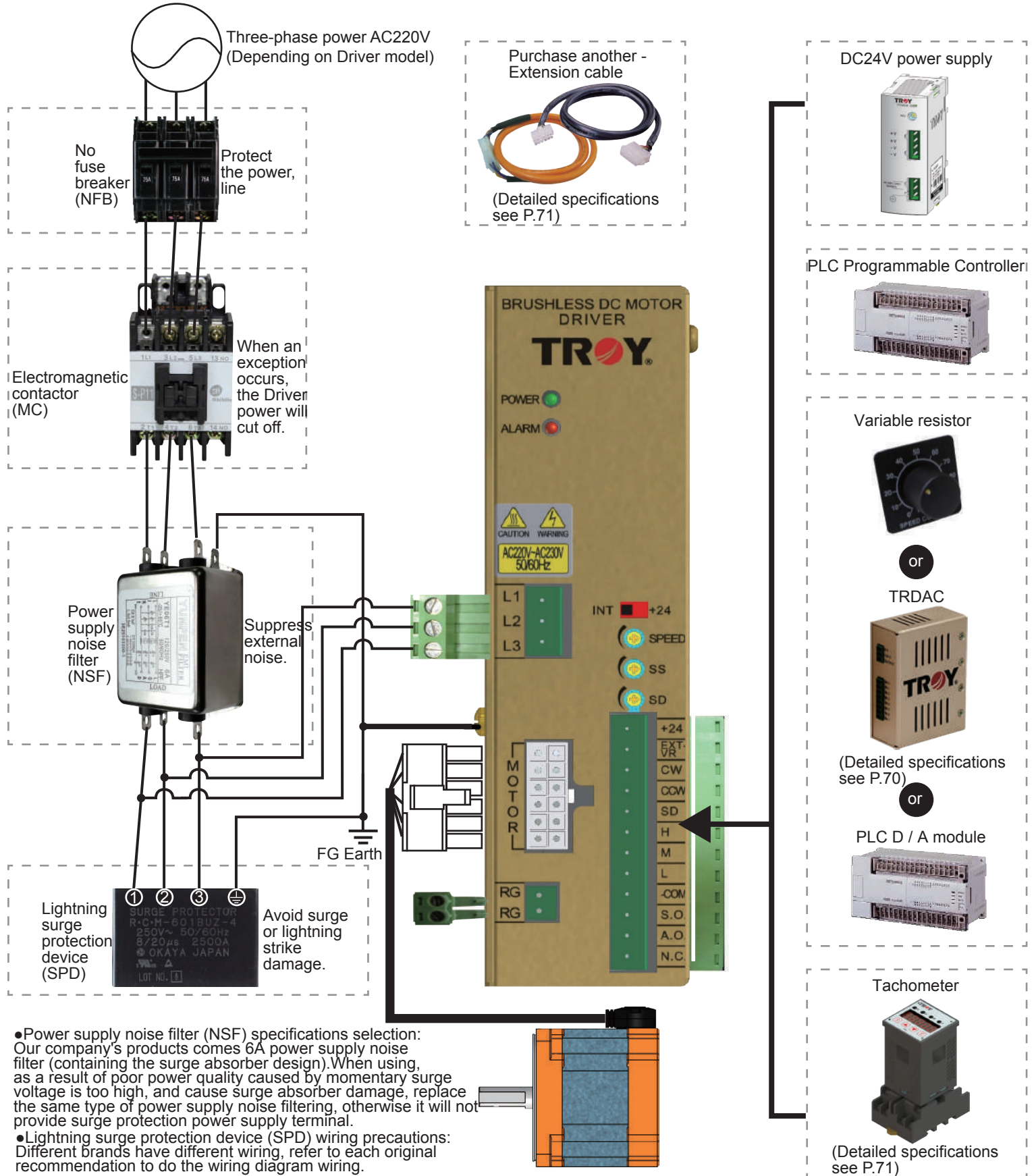
# BMS series

-Three phase power supply with stable speed demand

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## DC brushless Motor-BMS series

### ■ System wiring diagrams





## ■ Specifications and characteristics of Motor/Driver



Motor output power		30W	50W	85W	150W	200W	
Round shaft Motor (M: E/M brake type)		6BM030S-3(M)	6BM050S-3(M)	9BM085S-3(M)	9BM150S-3(M)	9BM200S-3(M)	
Pinion shaft Motor (M: E/M brake type)		6BM030P-3(M)	6BM050P-3(M)	9BM085PD-3(M)	9BM150PD-3(M)	9BM200P-3(M)	
Motor specification certificates							
Driver		BMD030-3	BMD050-3	BMD085-3	BMD150-3	BMD200-3	
Driver specification certificates							
Input power voltage	-3 Type 3 Phase AC220~230V 50/60 HZ	Max. Current (A)	1.2	1.2	1.2	1.3	1.5
		Rated Current (A)	0.3	0.5	0.7	1	1.3
Starting Torque (Nm)		0.13	0.22	0.37	0.64	1	
Rated Torque (Nm)		0.1	0.17	0.28	0.49	0.8	
Allowable load inertia GD <sup>2</sup> (Kgcm <sup>2</sup> )		7.85	12.8	18.7	31.4	113	
E/M Brake	* Only E/M brake series have E/M brake	Input line voltage(V)	DC24		DC24		DC24
		Consumption power(W)	6.5		7.5		7.5
		Maintenance(Nm)	0.3		0.5		0.5
		Attraction time(ms)	30		33		33
		Release time(ms)	87		95		95
Speed control range(r/min)		250~3000				250~2500	
Speed variation rate	To load	±0.05%Max. at 3000r/min(200W: at 2500r/min), no load~rated load.					
	To voltage	±0.05% Voltage variation ±15%, at 3000r/min(200W: at 2500r/min), no load.					
	To Temperature	±0.05% 0~+40°C at 3000r/min(200W: at 2500r/min), no load.					
Slow start/Slow down time set up		30~150W:0.5~15sec, Motor from 0~3000r/min or from 0~3000r/min 200W:0.8~15sec, Motor from 0~2500r/min or from 0~2500r/min					
Speed control method		<ul style="list-style-type: none"> <li>Control from external variable resistor (resistance 20KΩ)</li> <li>Control from internal variable resistor (also work with external variable resistor for 2 sections speed switch control)</li> <li>Control from external DC voltage (DC0~5V/1 mA above)</li> <li>Work with D/A speed setter TRDAC (Option)</li> </ul>					
Signal input/output methods		<ul style="list-style-type: none"> <li>Photo coupler input interface</li> <li>Transistor Open Collector output interface</li> </ul>					
Function		<ul style="list-style-type: none"> <li>Zero point control, can connect to PLC or Transistor, Relay type I/O module</li> <li>Within speed control range, motor sets Flat Torque output</li> <li>Instant brake stop, Slow up/Slow down</li> <li>Can operate in parallel</li> <li>150/200W have regenerative resistor connection terminals, can based on customers' load condition to select external resettable resistors to consume regenerated energy (regenerated energy absorption protection : start operation at up down, Coiling or inertial load operation)</li> </ul>					
Protection function		<p>When protection functions activate, Motors stop automatically, Driver alarm signals output</p> <ul style="list-style-type: none"> <li>Overload protection: starts when Motor activate torque for more than 5 sec</li> <li>Over heat protection: starts when Driver internal heat sink over 80°C</li> <li>Over voltage protection: (1) starts when up down, coiling or over inertial load (2) starts when driver input AC voltage appears transient high voltage</li> <li>Transient over current protection: When driver AC input power connects in parallel with large power for Power on, easy activates by large transient current</li> <li>Lack of phase protection: starts when motor power cable has bad connection, broken cable or feedback signal suffers interference</li> </ul>					
Insulation impedance		Applies DC500V high resistance meter test, power, F.G grounding, I/O terminal resistance value is over 100MΩ					
Insulation high voltage		Power and F.G connect to ground, terminals pass with 1.8KV/60Hz high voltage, power and I/O connectors pass with 3KV/60Hz high voltage for 1 minute, no abnormal condition					
Ambient temperature/Humidity range		0~+40°C, under 85% relative humidity (avoid dust and erosion, combustion gas)					

\*1 Nm=10.19716 Kgcm

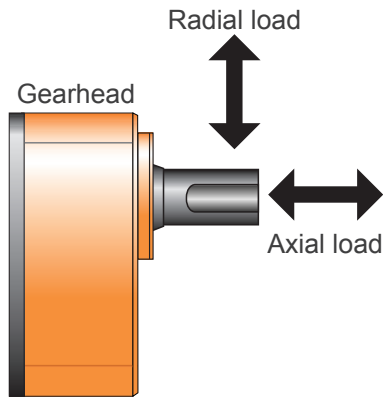
### ■ Gearhead specifications & allowable speed range/allowable torque/allowable inertia load (GD<sup>2</sup>)

Gear ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30
Speed range (r/min)	High speed	1000	883	600	500	400	333	300	240	200	166	150	120	100
	Low speed	83.4	69.5	50	41.7	33.4	27.8	25	20	16.7	13.9	12.5	10	8.4
Allowable torque (Nm)	6BM030P-3(M) + 6D□	0.27	0.32	0.45	0.54	0.68	0.81	0.9	1.1	1.4	1.6	1.8	2.2	2.6
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		3.53	5.09	9.81	14.1	22.1	31.8	39.3	61.3	88.3	127	157	245	353
Allowable torque (Nm)	6BM050P-3(M) + 6D□	0.45	0.54	0.74	0.89	1.1	1.3	1.5	1.9	2.2	2.7	3	3.5	4.3
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		5.77	8.31	16.0	23.1	36.1	52.0	64.2	100	144	208	257	401	577
Allowable torque (Nm)	9BM085PD-3(M) + 9D□	0.76	0.91	1.3	1.5	1.9	2.3	2.5	3.2	3.8	4.5	5	6	7.2
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		30.0	43.2	83.2	120	187	270	333	520	749	1079	1332	2081	2997
Allowable torque (Nm)	9BM150PD-3(M) + 9D□	1.3	1.6	2.2	2.6	3.3	4	4.4	5.5	6.6	7.9	8.8	10.5	12.6
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		50.2	72.3	139	201	314	452	558	871	1254	1806	2230	3484	5018
Speed range (r/min)	High speed	833	694	500	416	333	277	250	200	166	138	125	100	83
	Low speed	83.4	69.5	50	41.7	33.4	27.8	25	20	16.7	13.9	12.5	10	8.4
Allowable torque (Nm)	9BM200P-3(M) + 9D□H	2.2	2.6	3.6	4.3	5.4	6.5	7.2	9	10.8	13	14.4	17.2	20.6
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		181	260	501	722	1128	1624	2006	3134	4512	6498	8022	12534	18050

Gear ratio		36	50	60	75	90	100	120	150	180	200	250	300	360
Speed range (r/min)	High speed	83	60	50	40	33	30	25	20	16	15	12	10	8
	Low speed	7	5	4.2	3.4	2.8	2.5	2.1	1.7	1.4	1.3	1	0.9	0.7
Allowable torque (Nm)	6BM030P-3(M) + 6D□	3.1	4.3	5.2	6.5				6.5					
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		509	625				625							
Allowable torque (Nm)	6BM050P-3(M) + 6D□	5.1	6.5				6.5							
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		625				625								
Allowable torque (Nm)	9BM085PD-3(M) + 9D□	8.7	12	14.4	18.1	21.7	24.1	27.2	34	40				
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		4320	8320	11000				11000						
Allowable torque (Nm)	9BM150PD-3(M) + 9D□	15.2	21.1	25.3	31.6	37.9	40	40						
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		7230	11000				11000							
Speed range (r/min)	High speed	69	50	41	33	27	25	20	16	13	12	10	8	6
	Low speed	7	5	4.2	3.4	2.8	2.5	2.1	1.7	1.4	1.3	1	0.8	0.7
Allowable torque (Nm)	9BM200P-3(M) + 9D□H	24.8	34.4	41.3	50				50					
Allowable inertia load GD <sup>2</sup> (kgcm <sup>2</sup> )		25991	45000				45000							

- \* Gearhead 6D□/9D□/9D□H, please fill gear ratio in □.
- \* ■ In above table stands for after installation of Gearhead, the axis rotation direction is reversed with Motor axis direction; without marking stands for the same direction as Motor axis rotation.
- \* 1Nm = 10.197Kgcm.
- \* The Gearheads of all series have   certificate.
- \* Also available orthogonal Gearhead: hollow shaft type 9VD□(H), the solid single shaft type 9VD□A(H), the solid biaxial shaft type 9VD□B(H), and size please refer to P.10.

## Motor allowable radial load/axial load



- ① Radial load (hanging load): loading is vertical to gearhead axis power output
- ② Axial load (thrust load): loading is in the direction of gearhead axis power output

### ◆ Round shaft type

Model	Permissible overhung load (Unit: Kg f)		Permissible thrust load (Unit: Kg f)
	10mm from output shaft front	20mm from output shaft front	
6BM030S-3(M)	8	9	Permissible axial loading, not more than 1/2 of motor weight. But please try to avoid applying force in the horizontal direction (axial) of motor shaft, when exceeds that will reduce motor service life. If axial loading is needed, we recommend applying indirect transmission, such as: couplings, belts, chains, etc...
6BM050S-3(M)	8	9	
9BM085S-3(M)	13	15	
9BM150S-3(M)	16	17	
9BM200S-3(M)	16	17	

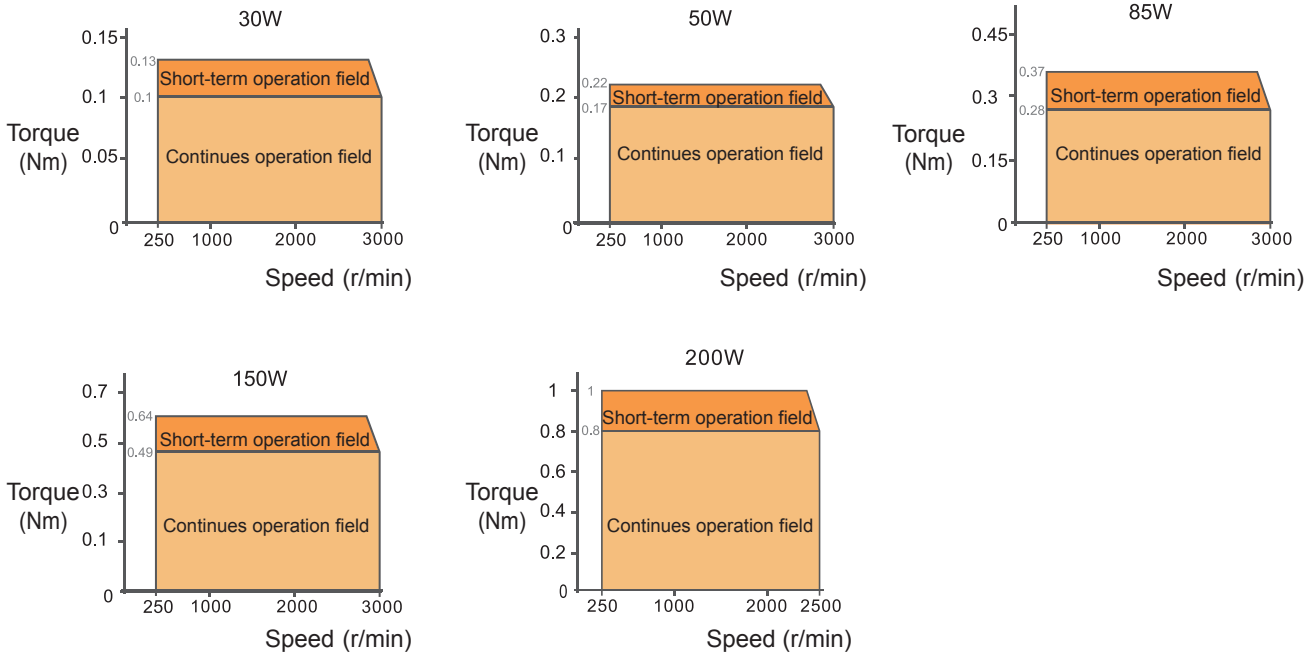
### ◆ Pinion shaft type (Gearhead attached)

Model	Gear ratio	Permissible overhung load (Unit: Kg f)		Permissible thrust load (Unit: Kg f)
		10mm from output shaft front	20mm from output shaft front	
6BM030P-3(M) + 6D□	3, 3.6, 5	10	15	4
	6, 7.5, 9, 10, 12.5, 15, 18, 20	15	20	
6BM050P-3(M) + 6D□	25, 30, 36, 50, 60, 75, 90, 100, 120, 150, 180, 200, 250, 300, 360	20	30	
9BM085PD-3(M) + 9D□	3, 3.6, 5	30	40	15
	6, 7.5, 9, 10, 12.5, 15, 18, 20	40	50	
9BM150PD-3(M) + 9D□	25, 30, 36, 50, 60, 75, 90, 100, 120, 150, 180, 200, 250, 300, 360	50	65	
9BM200P-3(M) + 9D□H	3, 3.6, 5	30	40	15
	6, 7.5, 9, 10, 12.5, 15, 18, 20	40	50	
	25, 30, 36, 50, 60, 75, 90, 100, 120, 150, 180, 200, 250, 300, 360	50	65	

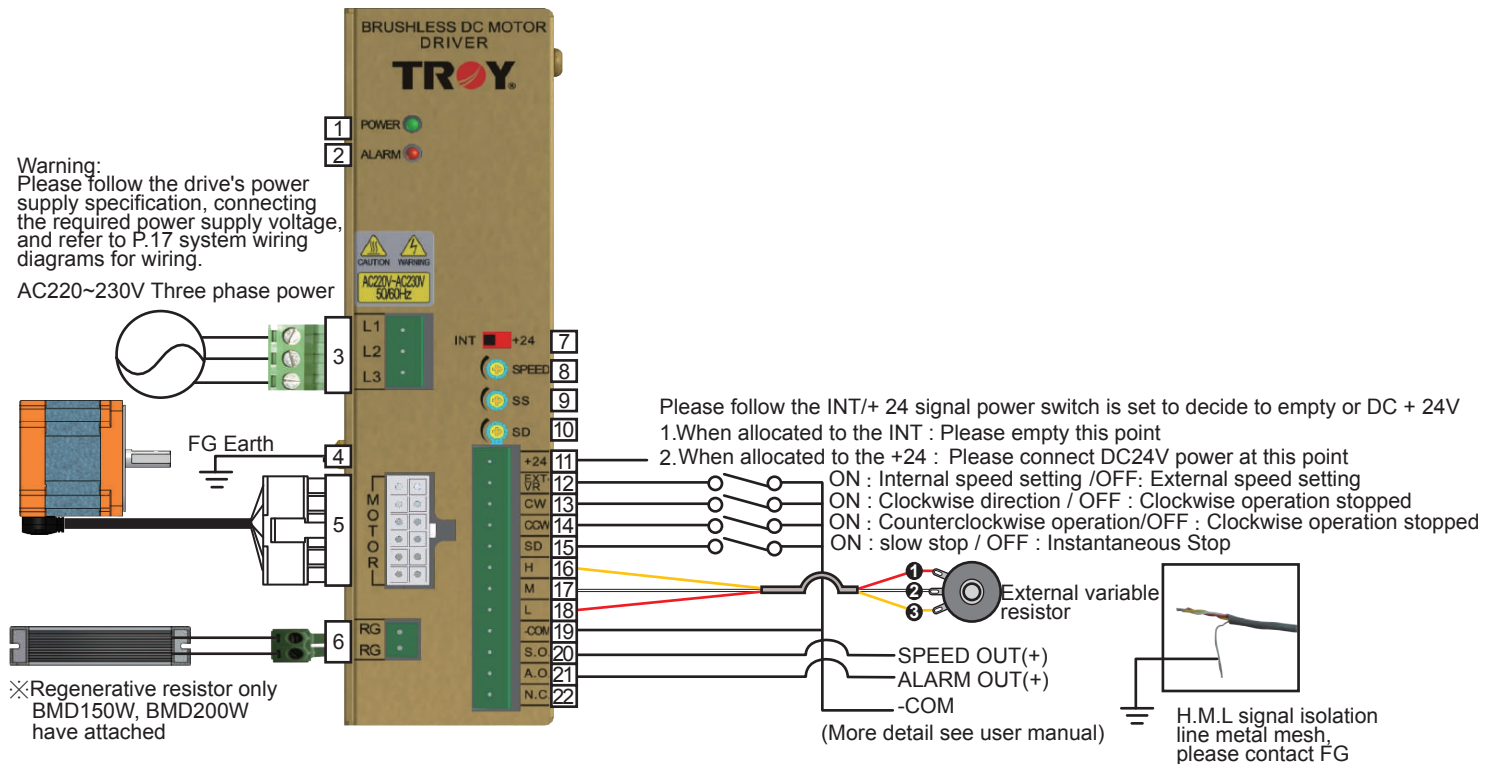
\*Gearhead 6D□/9D□/9D□H, please fill gear ratio in □.



### Speed - Torque characteristic diagrams



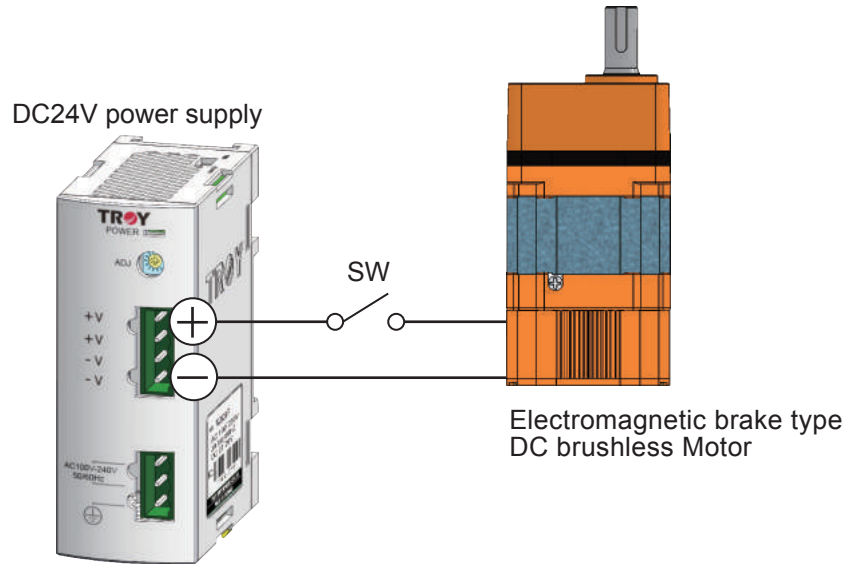
### Driver panel functions and wiring instructions





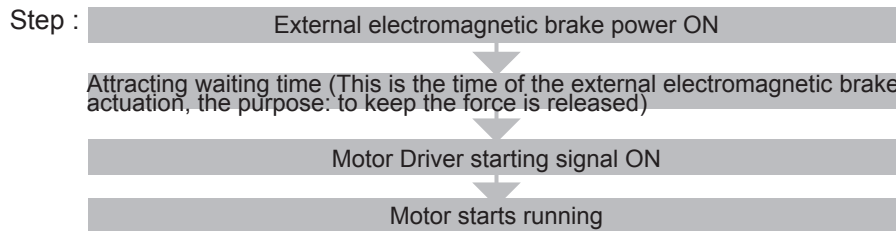
Number	Panel marked	Function	Explanation
1	POWER	Power indicator	When input power LED (green) lights
2	ALARM	Unusual indicator	Overload, overheating, overvoltage, instantaneous overcurrent, under equal any protective function will activate LED (red) lights
3	L1	Power voltage input terminal	AC power voltage input connecting L1, L2, L3 : three-phase power type
	L2		
	L3		
4	FG	Power ground terminal	Power ground connecting
5	MOTOR	Motor wiring connector	Motor and Driver connecting
6	RG	No connecting	30/50/85W: do not make any link (no effect)
		Regenerative resistor connection terminal	150/200W : According to customer load conditions selected external regenerative resistance, regenerative energy consumption
7	INT/+24	Signal power switch	INT : When Driver is controlled using the internal power supply DC24V (for relays, switches and control applications) +24: When using an external power supply DC24V control (PLC control applicable to the case)
8	SPEED	Internal speed setting button	30~150W speed control range : 250~3000r/min 200W speed control range : 250~2500r/min
9	SS	Slow start time setting button	30~150W : 0.5~15sec 200W : 0.8~15sec
10	SD	Slow stop time setting button	30~150W : 0.5~15sec 200W : 0.8~15sec
11	+24	Signal input power DC24V	When an external DC24V power control, external DC24V power connects to the terminal
12	EXT-VR	Speed setting switch to select the input mode	External/Internal speed setting mode switch selection
13	CW	Clockwise operation input	Clockwise operation/stop switch input
14	CCW	Counterclockwise operation input	Counterclockwise operation/stop switch input
15	SD	Stop mode switch to select the input	Slow (depending on SD button to set the time for the slow stopped)/instantaneous stop mode select switch
16	H	External speed setting input	An external connection terminal variable resistor or external DC voltage (0 ~ 5V) control of 30~150W speed control range : 250~3000r/min 200W speed control range : 250~2500r/min
17	M		
18	L		
19	-COM	Control signal grounding	GND contact inputs and outputs a control signal common ground line, and the external power DC24V
20	S.O.	Speed signal output	Detecting Motor speed using : 30 ~ 200W digital signal output 24 pulse/rev
21	A.O.	Abnormal warning signal output	Overload, overheating, overvoltage, overcurrent moment, when any one of the less equal protection function is activated, Motor will stop naturally, and outputs an abnormality warning signal
22	N.C.	No connection	Do not make any connection

## Motor electromagnetic brake wiring instructions

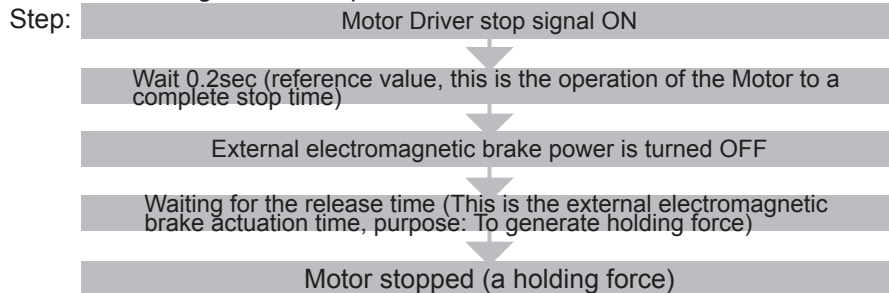


### ◆ Operation instruction

Motor start/Motor stop with external electromagnetic brake operating procedures:  
 Motor start: Must energize external electromagnetic brake before the Motor starts



Motor Stop : The Motor is stopped before the operation do not yet fully external electromagnetic brake power.



### ◆ Precautions

- 1.This series of external electromagnetic brake using the brake power is part of the hold-type.
- 2.External electromagnetic brake is designed to allow the Motor stops when the holding force has to be used as a safety brake, electromagnetic brake, do not use this as a Motor positioning or emergency brake applications.
- 3.Always to pull the Motor before starting the external electromagnetic brake energized (means no brakes);Motor stopped before the operation do not yet fully external electromagnetic brake power (expressed brakes).
- 4.External electromagnetic brake suction time and release time value refer to the product specification.
- 5.Motor brakes to stop for about 0.2sec (test conditions in the Motor no-load speed 3000r / min, the electromagnetic brake is energized, the brake actuator signal ON time of the Driver, this time as a reference base, but the actual length of time will stop according to the inertia load or frictional load ... different load patterns and has fluctuated.



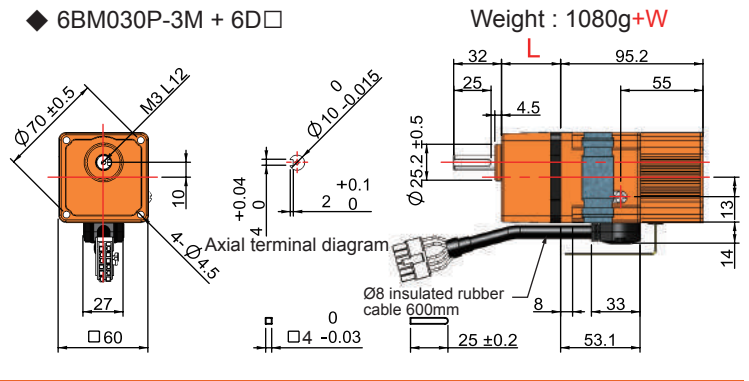
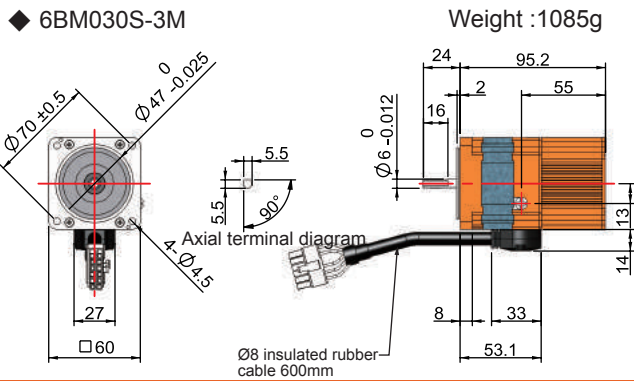
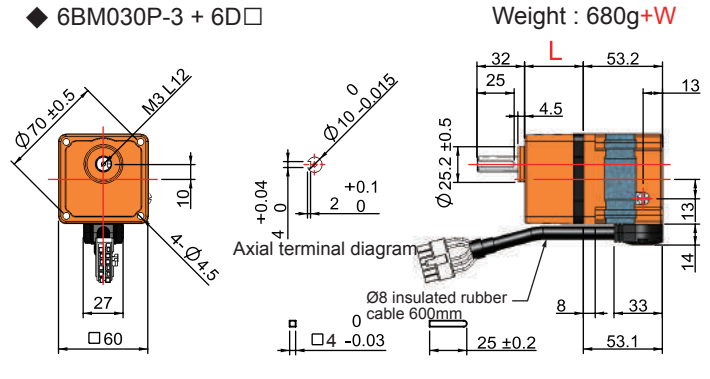
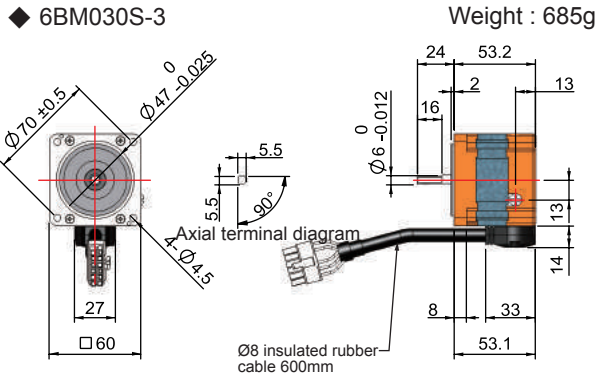
## ■ Dimensions - Motor/Gearhead

Unit : mm

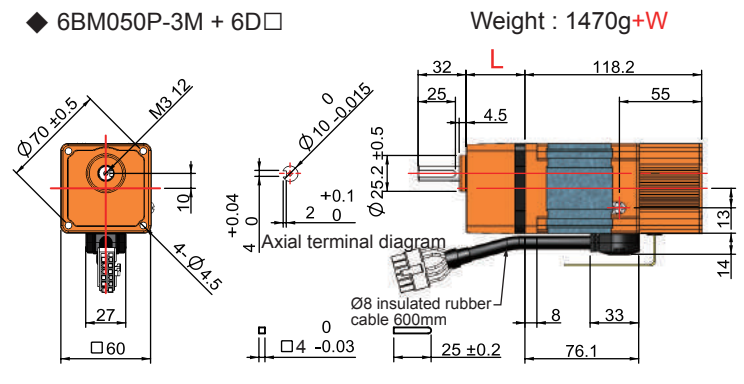
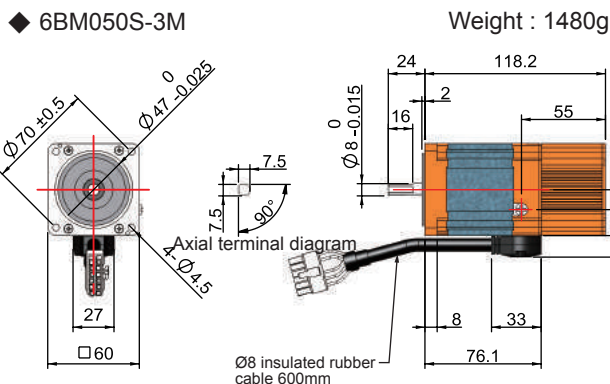
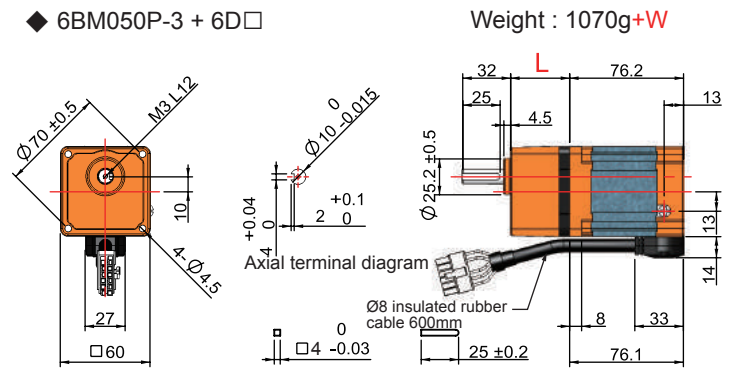
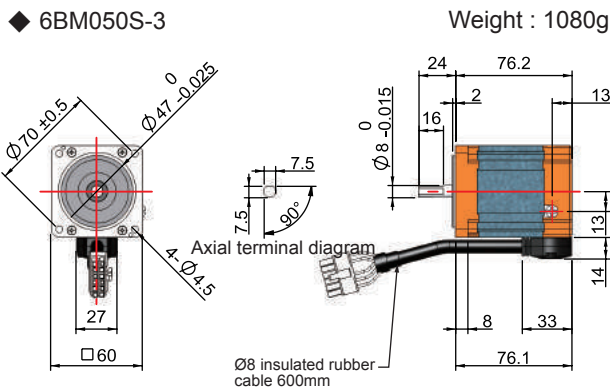
Round shaft type

Pinion shaft type

30W/□60mm



50W/□60mm



\* Figure above dimensions tolerance values are not labeled a general machining tolerances, the control mode, refer to P.12, others have marked tolerance values according to the drawing labeled based.

\* 6BM pinion shaft type 6D3-6D360, Gearhead length L and weight W specification as following:

Model	6D3~6D20	6D25~6D100	6D120~6D360
Gearhead Length L (mm)	39.5	39.5	43.5
Weight W (g)	300	325	365

TRV  
 Characteristics of Motor  
 Product index  
 Product names  
 Product weight  
 Gearhead  
 Installation  
 Certificates  
 Model naming  
 Accessories  
 Motor selection

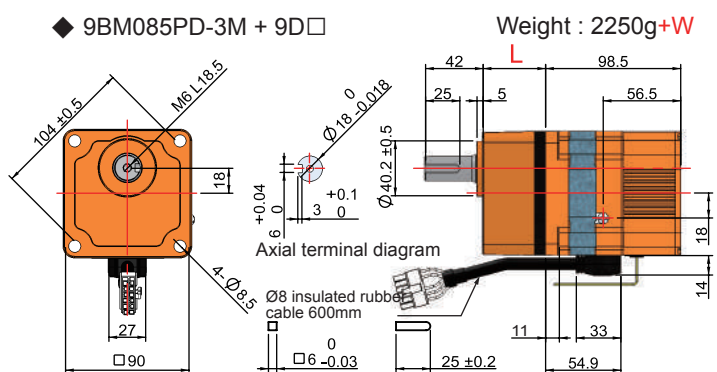
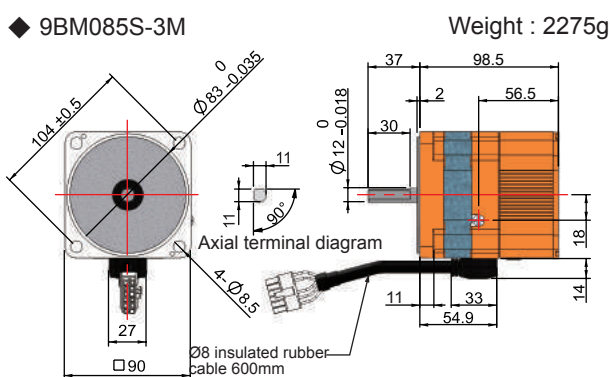
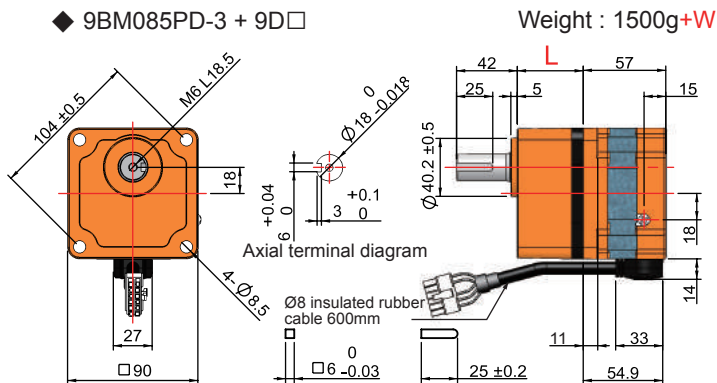
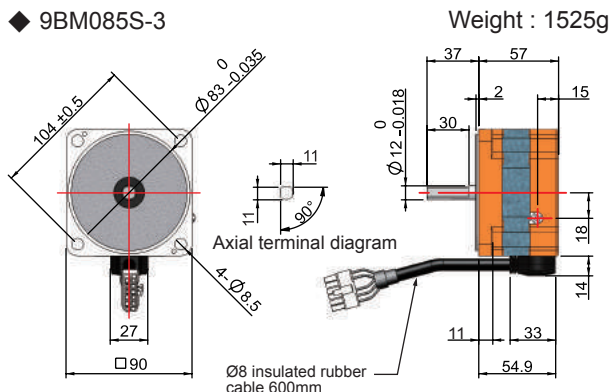
## ■ Dimensions - Motor/Gearhead

Unit : mm

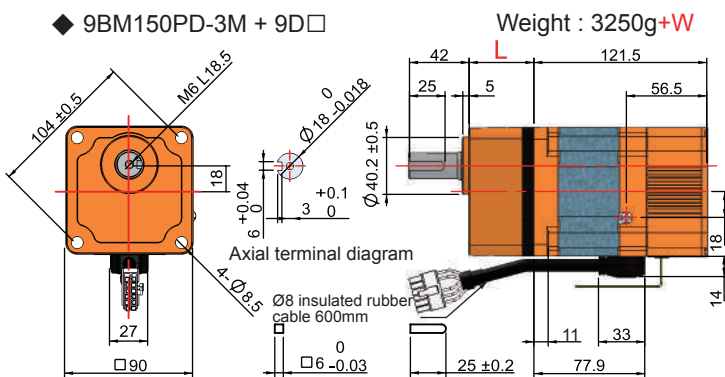
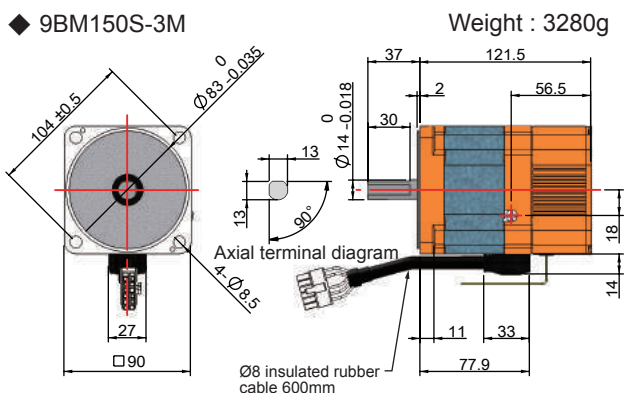
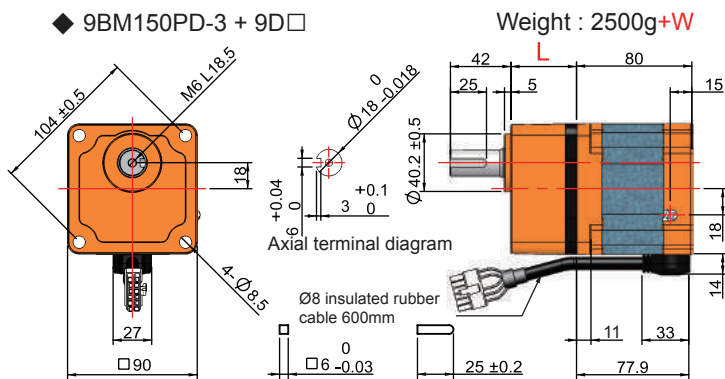
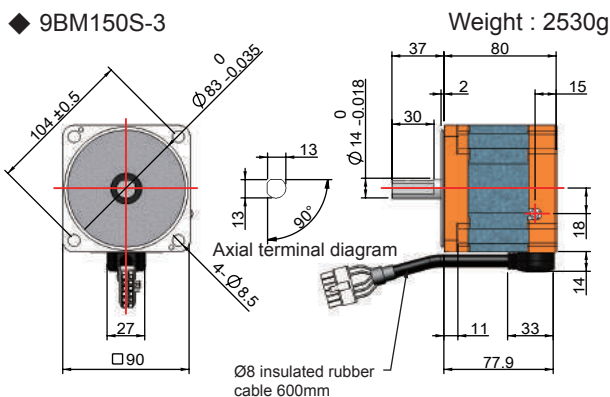
Round shaft type

Pinion shaft type

85W/□90mm



150W/□90mm



\*9BM pinion shaft type 9D3-9D360, Gearhead length L and weight W specification as following:

	Model	9D3~9D20	9D25~9D100	9D120~9D360
Gearhead	Length L (mm)	45.5	58.5	64.5
	Weight W (g)	860	1125	1265

\* Figure above dimensions tolerance values are not labeled a general machining tolerances, the control mode, refer to P.12, others have marked tolerance values according to the drawing labeled based.

## ■ Dimensions - Motor/Gearhead

Unit : mm

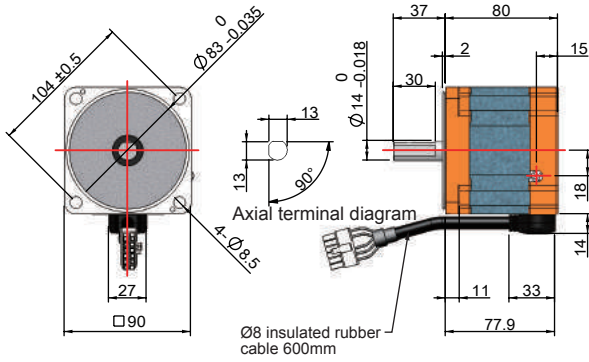
Round shaft type

Pinion shaft type

200W/□90mm

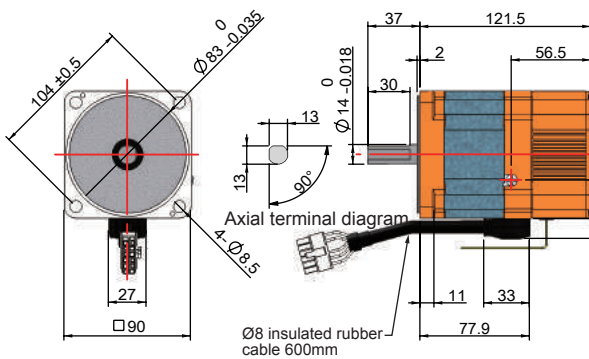
### ◆ 9BM200S-3

Weight : 2530g



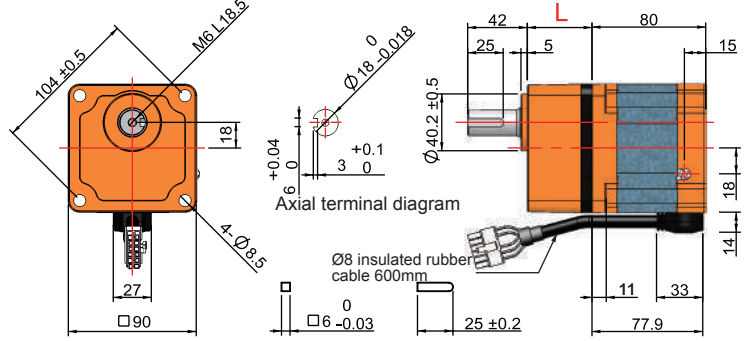
### ◆ 9BM200S-3M

Weight : 3280g



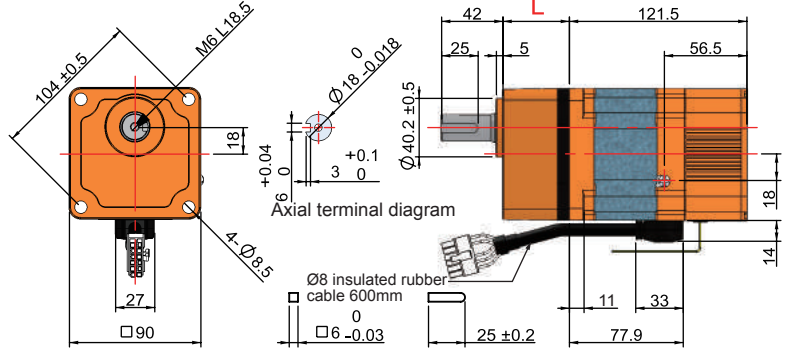
### ◆ 9BM200P-3 + 9D□H

Weight : 2500g+W



### ◆ 9BM200P-3M + 9D□H

Weight : 3250g+W



\* 9BM pinion shaft type 9D3-9D360, Gearhead length L and weight W specification as following:

	Model	9D3H~9D20H	9D25H~9D100H	9D120H~9D360H
Gearhead	Length L (mm)	45.5	58.5	64.5
	Weight W (g)	860	1125	1265

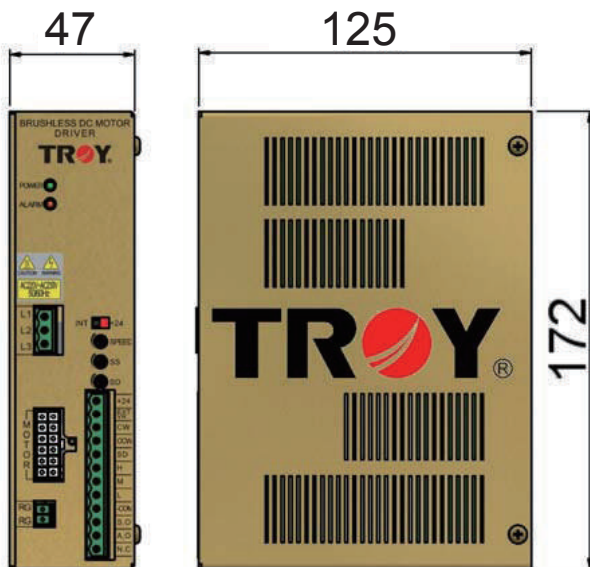
## ■ Dimensions - Driver

Names : BMD030-3 / BMD050-3

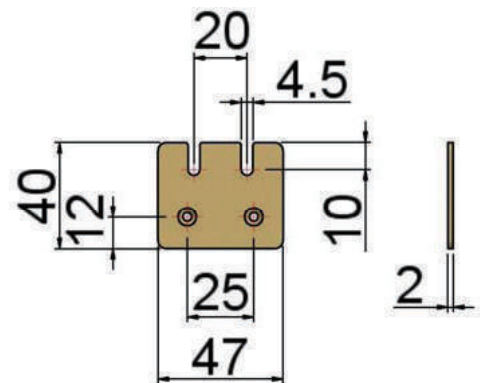
Weight : 840g

BMD085-3 / BMD150-3 / BMD200-3

Dimensions are common



Mounting sheet

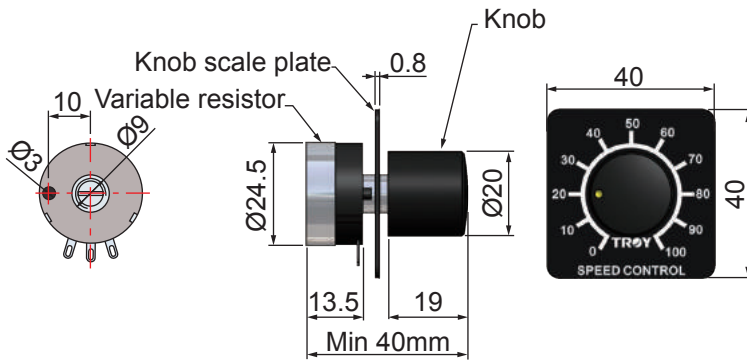


\* Figure above dimensions tolerance values are not labeled a general machining tolerances, the control mode, refer to P.12, others have marked tolerance values according to the drawing labeled based.

## ■ Dimensions - Variable resistor

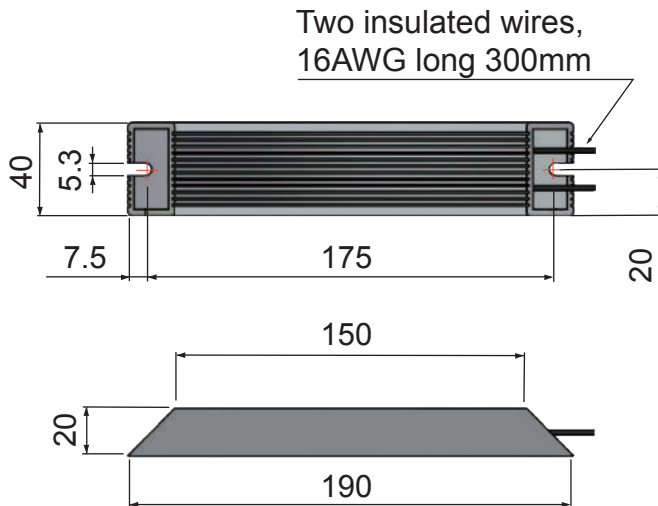
Unit : mm

Weight : 30g



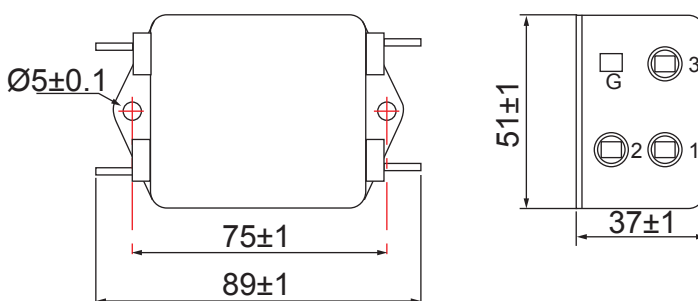
## ■ Dimensions - Regenerative resistance dimensions (Only 150 / 200W attached)

Weight : 260g



## ■ Dimensions - Power supply noise filter

Weight : 170g



\* Figure above dimensions tolerance values are not label on general machining tolerances, the control mode refer to P.12, others have marked tolerance values according to the drawing labeled based.

# Motor selection sheet

■ Mechanism: [Operating of large index table]

Date dd / mm / yy

Company name: \_\_\_\_\_ Contact person: \_\_\_\_\_ Department/Title: \_\_\_\_\_

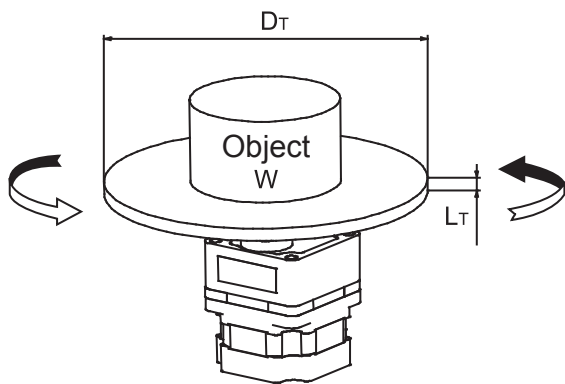
TEL: \_\_\_\_\_ FAX: \_\_\_\_\_ Application: \_\_\_\_\_ Use area: \_\_\_\_\_

Power input:  Single -phase AC: \_\_\_ V  Three -phase AC: \_\_\_ V  DC: \_\_\_ V Frequency: Hz

Activated mode:  Single direction operating continuously →  Rated speed  
 Regulated speed (Range: \_\_\_ rpm ~ \_\_\_ rpm)  
 Single direction run 、 stop 、 run 、 stop → (Activated time: \_\_\_ Second/Sequence, stop time: \_\_\_ Second/Sequence; Run, stop total \_\_\_ Sequence /Minutes)  
 Clockwise/counter clockwise repeated → (CW: \_\_\_ Second/Sequence 、 Stop: \_\_\_ Second/Sequence 、 CCW: \_\_\_ Second/Sequence 、 Stop: \_\_\_ Sequence/Minute)

Required motor: AC induction motor:  Induction  Reversible  Speed control  Magnetic brake  Torque  
 DC brushless motor:  BMS Series  BS Series  SBS Series  UBS Series  DBS Series  
 Stepping motor:  2 phase  3 phase  5 phase

【Mechanism reference】



【Please sketch your actual transmission part of mechanism】

【Drive mechanism and operating data】

Object mass	W = _____ kg
Index table diameter	D <sub>T</sub> = _____ cm
Width	L <sub>T</sub> = _____ cm
Material	ρ = _____
Positioning angle *(note)	θ = _____ deg
Positioning time *(note)	T <sub>0</sub> = _____ sec
Stopping accuracy	± _____ mm

\*(note)Please enter the max speed

Recommendation products ( Selected specs ) :

After complete above information, please fax it to nearby regional business office, we will select applicable product for you as soon as possible



# Motor selection sheet

■ Mechanism: 【Lead screw】

Date dd / mm / yy

Company name: \_\_\_\_\_ Contact person: \_\_\_\_\_ Department/Title: \_\_\_\_\_

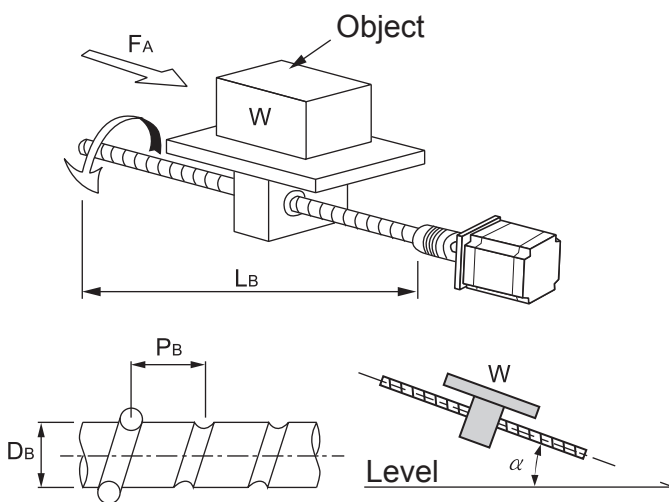
TEL: \_\_\_\_\_ FAX: \_\_\_\_\_ Application: \_\_\_\_\_ Use area: \_\_\_\_\_

Power input:  Single -phase AC: \_\_\_V  Three -phase AC: \_\_\_V  DC: \_\_\_V Frequency: Hz

Activated mode:  Single direction operating continuously →  Rated speed  
 Regulated speed (Range: \_\_\_ rpm ~ \_\_\_ rpm)  
 Single direction run、stop、run、stop → (Activated time: \_\_\_ Second/Sequence, stop time: \_\_\_ Second/Sequence; Run, stop total \_\_\_ Sequence /Minutes)  
 Clockwise/counter clockwise repeated → (CW: \_\_\_ Second/Sequence、Stop: \_\_\_ Second/Sequence、CCW: \_\_\_ Second/Sequence、Stop: \_\_\_ Sequence/Minute)

Required motor: AC induction motor:  Induction  Reversible  Speed control  Magnetic brake  
 Torque  
 DC brushless motor:  BMS Series  BS Series  SBS Series  UBS Series  
 DBS Series  
 Stepping motor:  2 phase  3 phase  5 phase

【Mechanism reference】



【Please sketch your actual transmission part of mechanism】

【Drive mechanism and operating data】

Work+Table mass	W = _____ kg	frictional coefficient of sliding surfaces	$\mu =$ _____
Screw angle	$\alpha =$ _____ deg	Positioning distance	L = _____ cm
Screw shaft diameter	$D_B =$ _____ cm	Positioning time	$T_O =$ _____ sec
Screw Length	$L_B =$ _____ cm	Push / Pull force	$F_A =$ _____ kg
Screw pitch	$P_B =$ _____ cm	Stopping accuracy	$\pm$ _____ mm
Material	$\rho =$ _____		
Screw efficiency	$\eta =$ _____		
Internal frictional coefficient of pilot pressure nut	$\mu_0 =$ _____		

\*(note)Please enter the max speed

Recommendation products ( Selected specs ) :

\* After complete above information, please fax it to nearby regional business office, we will select applicable product for you as soon as possible

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# Motor selection sheet

■ Mechanism: **[ Belt and pulley ]**

Date dd / mm / yy

Company name: \_\_\_\_\_ Contact person: \_\_\_\_\_ Department/Title: \_\_\_\_\_

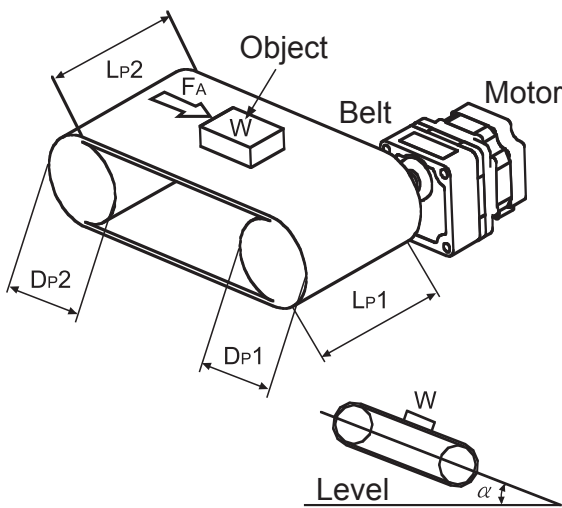
TEL: \_\_\_\_\_ FAX: \_\_\_\_\_ Application: \_\_\_\_\_ Use area: \_\_\_\_\_

Power input:  Single -phase AC:      V  Three -phase AC:      V  DC:      V Frequency:      Hz

Activated mode:  Single direction operating continuously →  Rated speed  
 Regulated speed (Range:      rpm ~      rpm)  
 Single direction run、stop、run、stop → (Activated time:      Second/Sequence, stop time:      Second/Sequence; Run, stop total      Sequence /Minutes)  
 Clockwise/counter clockwise repeated → (CW:      Second/Sequence、Stop:      Second/Sequence、CCW:      Second/Sequence、Stop:      Sequence/Minute)

Required motor: AC induction motor:  Induction  Reversible  Speed control  Magnetic brake  Torque  
 DC brushless motor:  BMS Series  BS Series  SBS Series  UBS Series  DBS Series  
 Stepping motor:  2 phase  3 phase  5 phase

**【 Mechanism reference 】**



**【 Please sketch your actual transmission part of mechanism 】**

**【 Drive mechanism and operating data 】**

Work + Table + Pulley	$W = \text{_____ kg}$	Belt、pulley efficiency	$\eta = \text{_____}$
Screw angle	$\alpha = \text{_____ deg}$	frictional coefficient of sliding surfaces	$\mu = \text{_____}$
Pulley diameter	$D_{P1} = \text{_____ cm}$	Positioning distance *(note)	$L = \text{_____ cm}$
Width	$L_{P1} = \text{_____ cm}$	Positioning time *(note)	$T_O = \text{_____ sec}$
Material	$\rho 1 = \text{_____}$	Push / Pull force	$F_A = \text{_____ kg}$
Pulley diameter	$D_{P2} = \text{_____ cm}$	Stopping accuracy	$\pm \text{_____ mm}$
Width	$L_{P2} = \text{_____ cm}$		
Material	$\rho 2 = \text{_____}$	*(note)Please enter the max speed	

Recommendation products ( Selected specs ) :

\* After complete above information, please fax it to nearby regional business office, we will select applicable product for you as soon as possible

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**TRY-**  
 Characteristics of Motor  
 Product index  
 Product names  
 Product weight  
 Technical Information  
 Gearhead  
 Installation  
 Certificates  
 Model naming  
 BMS  
 BS  
 SBS  
 CBS  
 DBS  
 Accessories  
 Motor selection

# Motor selection sheet

■ Mechanism: [Others]

Date dd / mm / yy

Company name: \_\_\_\_\_ Contact person: \_\_\_\_\_ Department/Title: \_\_\_\_\_

FAX: \_\_\_\_\_ Application: \_\_\_\_\_ Use area: \_\_\_\_\_

Power input:  Single -phase AC: \_\_\_V  Three -phase AC: \_\_\_V  DC: \_\_\_V Frequency: Hz

Activated mode:  Single direction operating continuously →  Rated speed  
 Regulated speed (Range: \_\_\_ rpm ~ \_\_\_ rpm)  
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 Clockwise/counter clockwise repeated → (CW: \_\_\_ Second/Sequence、Stop: \_\_\_ Second/Sequence、CCW: \_\_\_ Second/Sequence、Stop: \_\_\_ Sequence/Minute)

Required motor: AC induction motor:  Induction  Reversible  Speed control  Magnetic brake  Torque  
 DC brushless motor:  BMS Series  BS Series  SBS Series  UBS Series  DBS Series  
 Stepping motor:  2 phase  3 phase  5 phase

【Drive mechanism and operating data】 : Use the space below to draw the outline of your drive mechanism and fill in the operating conditions required

Recommendation products ( Selected specs ) :

※ After complete above information, please fax it to nearby regional business office, we will select applicable product for you as soon as possible