

## Servo Amplifier

### R Y H 2 0 1 F 5 - V V 2

Code	[Basic type]
RYH	ALPHA5 Smart series

Code	[Applicable motor output]
201	$20 \times 10^1 = 200W, 100W, 50W$
401	$40 \times 10^1 = 400W$
751	$75 \times 10^1 = 750W, 500W$
152	$15 \times 10^2 = 1.5kW, 1.0kW, 850W$
202	$20 \times 10^2 = 2.0kW$
302	$30 \times 10^2 = 3.0kW$

Code	[Series]
F	1500 to 3000r/min series

Code	[Order of development]
5	5

Code	[Input voltage]
2	3-phase 200V

Code	[Upper interface]
V	General-purpose interface (pulse, analog voltage)

Code	[Major functions]
V	Position, speed and torque control

## Servomotor

### G Y S 5 0 0 D 5 - H B 2 - B

Code	[Basic type]
GYS	Ultra-low inertia
GYC	Low inertia
GYG	Middle inertia

Code	[Rated output]
500	$50 \times 10^0 = 0.05kW$
101	$10 \times 10^1 = 0.1kW$
201	$20 \times 10^1 = 0.2kW$
401	$40 \times 10^1 = 0.4kW, 0.375kW$
501	$50 \times 10^1 = 0.5kW$
751	$75 \times 10^1 = 0.75kW$
851	$85 \times 10^1 = 0.85kW$
102	$10 \times 10^2 = 1.0kW$
132	$13 \times 10^2 = 1.3kW$
152	$15 \times 10^2 = 1.5kW$
202	$20 \times 10^2 = 2.0kW$
302	$30 \times 10^2 = 3.0kW$

Code	[Rated speed]
D	3000r/min series
C	2000r/min series
B	1500r/min series

Code	[Order of development]
5	5

Code	[Brake]
Blank	Not provided
B	Provided

Code	[Input voltage]
2	3-phase 200V

Code	[Oil seal/shaft]	Applicable motor GYS, GYC, GYG
A	Without an oil seal, straight shaft with a key	$\Delta$ (*O)
B	Without an oil seal, straight shaft without a key	$\odot$
C	Without an oil seal, straight shaft with a key, tapped	$\circ$
E	With an oil seal, straight shaft with a key	$\Delta$
F	With an oil seal, straight shaft without a key	$\Delta$
G	With an oil seal, straight shaft with a key, tapped	$\Delta$

$\odot$  : Standard item    $\circ$  : Semi-standard item  
 $\Delta$  : Made-to-order item  
 \* Applicable with GYS and GYC motors of 0.1kW or less

Code	[Encoder]
H	18-bit ABS/INC
R	20-bit INC

# Servo Amplifier Specifications

## Common specifications

Applicable motor rated speed		3000r/min						2000r/min						1500r/min											
Applicable motor output [kW]		0.05	0.1	0.2	0.4	0.75	1.0	1.5	2.0	3.0	0.5	0.75	1.0	1.5	2.0	0.5	0.85	1.3							
Amplifier type		RYH□□□F5-VV2			201	401	751	152	202	302	751			152			202								
Outer frame number		1a			1b	2a	2b	3a	3b	2a			2b			3a									
Mass [kg]		0.8						1.2			1.3			2.2			2.2								
Protective construction / cooling		Open / natural cooling						Open / mechanical cooling																	
Power supply		Single-phase, 3-phase						3-phase						Single-phase, 3-phase			3-phase			Single-phase, 3-phase			3-phase		
Voltage / frequency		200 to 240VAC 50/60Hz																							
Allowable voltage fluctuation		3-phase : 170 to 264 VAC, Single-phase : 180 to 264 VAC																							
Control system		Fully-digital sinusoidal PWM drive																							
Max voltage for regenerative resistance [W]		Built-in resistor			-			20			30			20			30			20			30		
		External resistor			17			50			260			50			260			50			260		
Feedback		INC 20bit/rev, ABS/INC 18bit/rev																							
Overload capability		300% / 3 sec.																							
Speed fluctuation ratio*		Load fluctuation: Within ± 0.01% (load fluctuation 0 to 100% at rated operation speed)																							
		Power supply fluctuation: 0% (power supply fluctuation -10 to +10% at rated operation speed)																							
		Temperature fluctuation: Within ± 0.2% (25 ± 10°C at rated operation speed)																							
Capability and function VV type		Speed control: Closed loop control with speed adjuster, acceleration/deceleration time setting, manual feed rate/max. rotation speed, speed command zero clamp, etc.																							
		Number of position data sets: 15-point (position, speed, acceleration/deceleration time setting, timer, M code and various statuses)																							
		Position control: Closed loop control with position adjuster, electronic gear, output pulse setting, feed forward, homing, interrupt positioning, auto startup, etc.																							
		Torque control: Closed loop control with current adjuster (proportional open loop control of current and torque), torque limit, speed limit at torque control, etc.																							
		Accessory functions: Easy tuning, profile operation, sequence test mode, auto tuning, auto notch filter, vibration suppressing online learning, etc.																							
Protective function (Alarm display)		Over Current (oc1, oc2), Over Speed (oS), High Voltage (Hu), Encoder Trouble (Et1, Et2), Circuit Trouble (ct), Data Error (dE), Combination Error (cE), Resistor Tr Heat (tH), Encoder Communication Error (Ec), Cont (CONTRol signal) Error (ctE), Over Load (oL1, oL2), Power Low Voltage (LuP), Resistor Heat (rH1, rH2, rH3), Over Flow (oF), Amp Heat (AH), Encoder Heat (EH), Absolute Data Lost (dL1, dL2, dL3), Absolute Data Over Flow (AF), Initial Error (iE)																							
Operation and display section of main body(keypad)		4-digit alphanumeric display with 7-segment LED 4 operation switches (MODE, SET, UP and DOWN)																							
Working conditions		Installation place: Indoors at altitude ≤ 1000m, free from dust, corrosive gases and direct sunlight																							
		Temperature / humidity: In case of compliance with CE marking: pollution degree 2, over voltage category III																							
		-10 to 55°C/10 to 90%RH (without condensation)																							
		Vibration / shock resistance: Vibration resistance: 3mm: 2 to 9Hz or less, 9.8m/s²: 9 to 20Hz or less, 2m/s²: 20 to 55Hz or less, 1m/s²: 55 to 200Hz or less																							
		Shock resistance: 19.6m/s² (2G)																							
Standards		UL/cUL (UL508c), CE marking (low voltage directive EN61800-5-1), RoHS directive (Some of the models are in the process to be certified.)																							

\*This value represents the average value of the speed fluctuation that is generated from load fluctuation, power supply fluctuation, and temperature fluctuation as the percentage to the rated rotation speed.

## Interface specifications

Item	Specifications	
Command interface	Positioning function	RS-485 (Modbus-RTU), Di/Do
	Position control	Pulse input
	Speed control	Analog voltage input
	Torque control	Analog voltage input
Communication interface		Two RS-485 ports (for parameter editing and monitor)
		Fuji's original protocol Modbus-RTU
		9600/19200/38400/115200 bps, connection of max. 31 units

Terminal name	Symbol	Specifications
Pulse input	CA,*CA CB,*CB	Differential input: max. input frequency ≤ 1.0MHz Open collector input: max. input frequency ≤ 200kHz (In case of signals at 90-degree phase difference, the above relationship is true for the four-fold frequency.) Pulse format    Command pulse/Command direction Forward/Reverse pulse Two signals at 90-degree phase difference } Select one of these formats with a parameter setting.
	PPI	Pull-up power input at open collector input (24VDC ± 5%)
Pulse output	FFA,*FFA FFB,*FFB	Differential output: max. output frequency ≤ 1MHz Two signals at 90-degree phase difference Pulse output count setting n (pulses/rev): 16 ≤ n ≤ 262144
	FFZ,*FFZ	Differential output: 1 pulse/rev
	FZ	Open collector output: 1 pulse/rev
	M5	Reference potential (0V)
Analog monitor voltage output	MON1 MON2	0V to ± 10VDC Resolution: 14bits / ± full scale The output data depends on internal parameter.
	M5	Reference potential (0V)
Common for sequence I/O	COMIN	Common for sequence input signal
	COMOUT	Common for sequence output signal
Sequence input signal	CONT1 to CONT5	12VDC-10% to 24VDC+10% Current consumption 8mA (per contact; used at circuit voltage of 12 to 24VDC ) Function of each signal depends on parameter setting Compatible with both sink and source input methods
	COMIN	Reference potential
Sequence output signal	OUT1 to OUT3	30VDC / 50mA (max.) Function of each signal depends on parameter setting Compatible with both sink and source output methods
	COMOUT	Reference potential
	VREF	Speed command voltage input Input range: from -10 to 0 to -10V, input impedance 20kΩ    Resolution: 15 bits / ± full scale
Analog voltage input (for speed and torque control)	TREF	Torque command voltage input Input range: from -10 to 0 to +10V, input impedance 20kΩ    Resolution: 14 bits / ± full scale
	M5	Reference potential (0V)

# Servomotor Specifications

## GYS motor

### Standard specifications

Motor type (-B) indicates the brake-incorporated type.	GYS500D5 -□□2(-B)	GYS101D5 -□□2(-B)	GYS201D5 -□□2(-B)	GYS401D5 -□□2(-B)	GYS751D5 -□□2(-B)	GYS102D5 -□□2(-B)	GYS152D5 -□□2(-B)	GYS202D5 -□□2(-B)	GYS302D5 -□□2(-B)	
Rated output [kW]	0.05	0.1	0.2	0.4	0.75	1.0	1.5	2.0	3.0	
Rated torque [N · m]	0.159	0.318	0.637	1.27	2.39	3.18	4.78	6.37	9.55	
Rated speed [r/min]	3000									
Max. speed [r/min]	6000 *1					5000				
Max. torque [N · m]	0.478	0.955	1.91	3.82	7.17	9.55	14.3	19.1	28.7	
Inertia [kg · m <sup>2</sup> ] ( ) indicates brake-incorporated type.	0.0192×10 <sup>-4</sup> (0.0223×10 <sup>-4</sup> )	0.0371×10 <sup>-4</sup> (0.0402×10 <sup>-4</sup> )	0.135×10 <sup>-4</sup> (0.159×10 <sup>-4</sup> )	0.246×10 <sup>-4</sup> (0.270×10 <sup>-4</sup> )	0.853×10 <sup>-4</sup> (0.949×10 <sup>-4</sup> )	1.73×10 <sup>-4</sup> (2.03×10 <sup>-4</sup> )	2.37×10 <sup>-4</sup> (2.67×10 <sup>-4</sup> )	3.01×10 <sup>-4</sup> (3.31×10 <sup>-4</sup> )	8.32×10 <sup>-4</sup> (10.42×10 <sup>-4</sup> )	
Recommended load inertia ratio	30 times or less *2					20 times or less *2				
Rated current [A]	0.85	0.85	1.5	2.7	4.8	7.1	9.6	12.6	18.0	
Max. current [A]	2.55	2.55	4.5	8.1	14.4	21.3	28.8	37.8	54.0	
Winding insulation class	Class B					Class F				
Rating	Continuous									
Degree of enclosure protection	Totally enclosed, self-cooled (IP 67, excluding the shaft-through and connectors)					Totally enclosed, self-cooled (IP 67, excluding the shaft-through)*3				
Terminals (motor)	Cable 0.3m (with connector)					Cannon connector				
Terminals (encoder)	Cable 0.3m (with connector)					Cannon connector				
Overheat protection	Not provided (The servo amplifier detects temperature.)									
Mounting method	By securing motor flange IMB5 (L51), IMV1 (L52), IMV3 (L53)									
Shaft extension	Straight shaft									
Paint color	N1.5									
Encoder	18-bit serial encoder (absolute/incremental), 20-bit serial encoder (incremental)									
Vibration level	V5 or below					Up to rated rotation speed: V10 or below Over rated rotation speed and up to 5000r/min: V15 or below				
Installation place, altitude and environment	For indoor use (free from direct sunlight), 1000m or below, locations without corrosive and flammable gases, oil mist and dust									
Ambient temperature, humidity	-10 to +40°C, within 90% RH (without condensation)									
Vibration resistance [m/s <sup>2</sup> ]	49					24.5				
Mass [kg] ( ) indicates brake-incorporated type.	0.45 (0.62)	0.55 (0.72)	1.2 (1.7)	1.8 (2.3)	3.4 (4.2)	4.4 (5.9)	5.2 (6.8)	6.3 (7.9)	11.0 (13.0)	
Compliance with standards	UL/cUL (UL1004), CE marking (EN60034-1, EN60034-5), RoHS directive									

\*1 The maximum rotation speed is 5000r/min when using the motor in combination with Fuji's gear head.

\*2 The load inertia ratio to the inertia of servo motor. If the moment of load inertia ratio value exceeds the list value, please contact us.

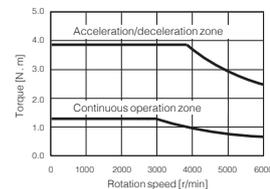
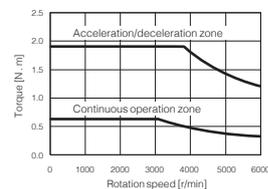
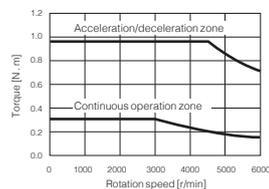
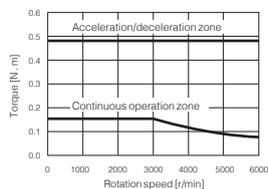
\*3 If the motor is used in the environment rated to IP67 protection degree, use the wiring connector suitable for the protection degree.

### Brake specifications (motor equipped with a brake)

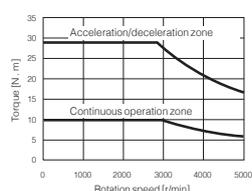
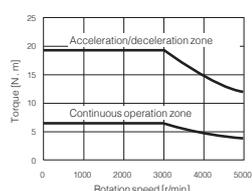
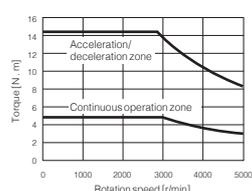
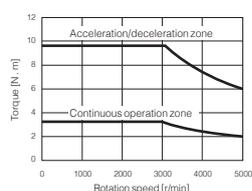
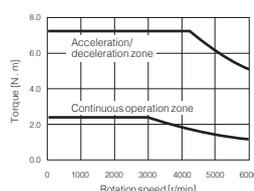
Motor type	GYS500D5 -□□2-B	GYS101D5 -□□2-B	GYS201D5 -□□2-B	GYS401D5 -□□2-B	GYS751D5 -□□2-B	GYS102D5 -□□2-B	GYS152D5 -□□2-B	GYS202D5 -□□2-B	GYS302D5 -□□2-B	
Static friction torque [N · m]	0.34		1.27		2.45		6.86		17	
Rated DC voltage [V]	DC24±10%									
Attraction time [ms]	35		40		60		100		120	
Release time [ms]	10		20		25		40		30	
Power consumption [W]	6.1 (at 20 °C)		7.3 (at 20 °C)		8.5 (at 20 °C)		17.7 (at 20 °C)		12 (at 20 °C)	

### Torque characteristics diagrams (at 3-phase 200 [V] or single-phase 230 [V] source voltage)

GYS500D5-□□2	GYS101D5-□□2	GYS201D5-□□2	GYS401D5-□□2
0.05kW	0.1kW	0.2kW	0.4kW



GYS751D5-□□2	GYS102D5-□□2	GYS152D5-□□2	GYS202D5-□□2	GYS302D5-□□2
0.75kW	1.0kW	1.5kW	2.0kW	3.0kW



These characteristics indicate typical values of each servomotor combined with the corresponding servo amplifier.

The rated torque indicates the value obtained when the servo amplifier is installed to the following aluminum heat sink.

- Model GYS500D, 101D : 200×200×6 [mm]
- Model GYS201D, 401D : 250×250×6 [mm]
- Model GYS751D : 300×300×6 [mm]
- Model GYS102D, 152D, 202D : 350×350×8 [mm]
- Model GYS302D : 400×400×12 [mm]

# Servomotor Specifications

## GYC motor

### Standard specifications

Motor type (-B) indicates the brake-incorporated type.	GYC101D5 -□□2(-B)	GYC201D5 -□□2(-B)	GYC401D5 -□□2(-B)	GYC751D5 -□□2(-B)	GYC102D5 -□□2(-B)	GYC152D5 -□□2(-B)	GYC202D5 -□□2(-B)
Rated output [kW]	0.1	0.2	0.4	0.75	1.0	1.5	2.0
Rated torque [N · m]	0.318	0.637	1.27	2.39	3.18	4.78	6.37
Rated speed [r/min]	3000						
Max. speed [r/min]	6000 *1				5000		
Max. torque [N · m]	0.955	1.91	3.82	7.17	9.55	14.3	19.1
Inertia [kg · m <sup>2</sup> ] ( ) indicates brake-incorporated type.	0.0577×10 <sup>-4</sup> (0.0727×10 <sup>-4</sup> )	0.213×10 <sup>-4</sup> (0.288×10 <sup>-4</sup> )	0.408×10 <sup>-4</sup> (0.483×10 <sup>-4</sup> )	1.21×10 <sup>-4</sup> (1.66×10 <sup>-4</sup> )	3.19×10 <sup>-4</sup> (5.29×10 <sup>-4</sup> )	4.44×10 <sup>-4</sup> (6.54×10 <sup>-4</sup> )	5.69×10 <sup>-4</sup> (7.79×10 <sup>-4</sup> )
Recommended load inertia ratio	30 times or less *2				20 times or less *2		
Rated current [A]	1.0	1.5	2.6	4.8	6.7	9.6	12.6
Max. current [A]	3.0	4.5	7.8	14.4	20.1	28.8	37.8
Winding insulation class	Class B				Class F		
Rating	Continuous						
Degree of enclosure protection	Totally enclosed, self-cooled (IP 67, excluding the shaft-through and connectors)				Totally enclosed, self-cooled (IP 67, excluding the shaft-through) *3		
Terminals (motor)	Cable 0.3m (with connector)				Cannon connector		
Terminals (encoder)	Cable 0.3m (with connector)				Cannon connector		
Overheat protection	Not provided (The servo amplifier detects temperature.)						
Mounting method	By securing motor flange IMB5 (L51), IMV1 (L52), IMV3 (L53)						
Shaft extension	Straight shaft						
Paint color	N1.5						
Encoder	18-bit serial encoder (absolute/incremental), 20-bit serial encoder (incremental)						
Vibration level	V5 or below				Up to rated rotation speed: V10 or below Over rated rotation speed and up to 5000r/min: V15 or below		
Installation place, altitude and environment	For indoor use (free from direct sunlight), 1000m or below, locations without corrosive and flammable gases, oil mist and dust						
Ambient temperature, humidity	-10 to +40°C, within 90% RH (without condensation)						
Vibration resistance [m/s <sup>2</sup> ]	49				24.5		
Mass [kg] ( ) indicates brake-incorporated type.	0.75 (1.0)	1.3 (1.9)	1.9 (2.6)	3.5 (4.3)	5.7 (8.0)	7.0 (9.8)	8.2 (11.0)
Compliance with standards	UL/cUL (UL1004), CE marking (EN60034-1, EN60034-5), RoHS directive						

\*1 The maximum rotation speed is 5000r/min when using the motor in combination with Fuji's gear head.

\*2 The load inertia ratio to the inertia of servo motor. If the moment of load inertia value exceeds the list value, please contact us.

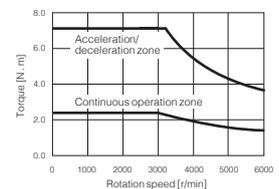
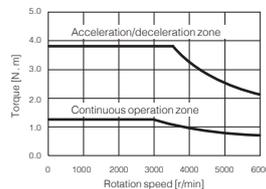
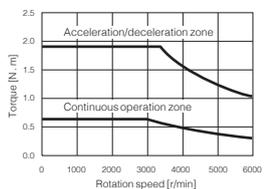
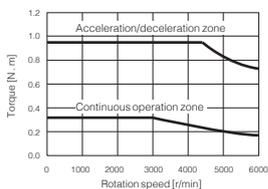
\*3 If the motor is used in the environment rated to IP67 protection degree, use the wiring connector suitable for the protection degree.

### Brake specifications (motor equipped with a brake)

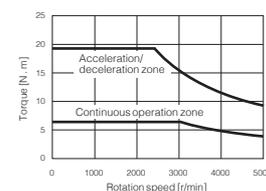
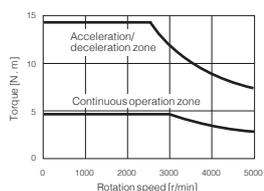
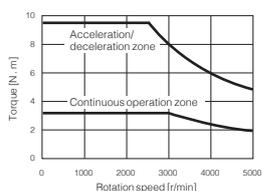
Motor type	GYC101D5 -□□2-B	GYC201D5 -□□2-B	GYC401D5 -□□2-B	GYC751D5 -□□2-B	GYC102D5 -□□2-B	GYC152D5 -□□2-B	GYC202D5 -□□2-B
Static friction torque [N · m]	0.318	1.27		2.39	17		
Rated DC voltage [V]	DC24±10%						
Attraction time [ms]	60	80		50	120		
Release time [ms]	40			80	30		
Power consumption [W]	6.5 (at 20 °C)	9.0 (at 20 °C)		8.5 (at 20 °C)	12 (at 20 °C)		

### Torque characteristics diagrams (at 3-phase 200 [V] or single-phase 230 [V] source voltage)

GYC101D5-□□2 0.1kW	GYC201D5-□□2 0.2kW	GYC401D5-□□2 0.4kW	GYC751D5-□□2 0.75kW
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GYC102D5-□□2 1.0kW	GYC152D5-□□2 1.5kW	GYC202D5-□□2 2.0kW
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These characteristics indicate typical values of each servomotor combined with the corresponding servo amplifier.

The rated torque indicates the value obtained when the servo amplifier is installed to the following aluminum heat sink.

- Model GYC101D, 201D, 401D : 250×250×6 [mm]
- Model GYC751D : 300×300×6 [mm]
- Model GYC102D : 300×300×12 [mm]
- Model GYC152D, 202D : 400×400×12 [mm]

# Servomotor Specifications

## GYG motor [2000r/min, 1500r/min]

### Standard specifications

Motor type (-B) indicates the brake-incorporated type.	2000r/min					1500r/min		
	GYG501C5 -□□2(-B)	GYG751C5 -□□2(-B)	GYG102C5 -□□2(-B)	GYG152C5 -□□2(-B)	GYG202C5 -□□2(-B)	GYG501B5 -□□2(-B)	GYG851B5 -□□2(-B)	GYG132B5 -□□2(-B)
Rated output [kW]	0.5	0.75	1.0	1.5	2.0	0.5	0.85	1.3
Rated torque [N·m]	2.39	3.58	4.77	7.16	9.55	3.18	5.41	8.28
Rated speed [r/min]	2000					1500		
Max. speed [r/min]	3000							
Max. torque [N·m]	7.2	10.7	14.3	21.5	28.6	9.5	16.2	24.8
Inertia [kg·m <sup>2</sup> ] ( ) indicates brake-incorporated type.	7.96×10 <sup>-4</sup> (10.0×10 <sup>-4</sup> )	11.55×10 <sup>-4</sup> (13.6×10 <sup>-4</sup> )	15.14×10 <sup>-4</sup> (17.2×10 <sup>-4</sup> )	22.33×10 <sup>-4</sup> (24.4×10 <sup>-4</sup> )	29.51×10 <sup>-4</sup> (31.6×10 <sup>-4</sup> )	11.55×10 <sup>-4</sup> (13.6×10 <sup>-4</sup> )	15.15×10 <sup>-4</sup> (17.3×10 <sup>-4</sup> )	22.33×10 <sup>-4</sup> (24.5×10 <sup>-4</sup> )
Recommended load inertia ratio	10 times or less *1							
Rated current [A]	3.5	5.2	6.4	10.0	12.3	4.7	7.3	11.5
Max. current [A]	10.5	15.6	19.2	30.0	36.9	14.1	21.9	34.5
Winding insulation class	Class F							
Rating	Continuous							
Degree of enclosure protection	Totally enclosed, self-cooled (IP 67, excluding the shaft-through)*2							
Terminals (motor)	Cannon connector							
Terminals (encoder)	Cannon connector							
Overheat protection	Not provided (The servo amplifier detects temperature.)							
Mounting method	By securing motor flange IMB5 (L51), IMV1 (L52), IMV3 (L53)							
Shaft extension	Straight shaft							
Paint color	N1.5							
Encoder	18-bit serial encoder (absolute/incremental), 20-bit serial encoder (incremental)							
Vibration level	V10 or below							
Installation place, altitude and environment	For indoor use (free from direct sunlight), 1000m or below, locations without corrosive and flammable gases, oil mist and dust							
Ambient temperature, humidity	-10 to +40°C, within 90% RH (without condensation)							
Vibration resistance [m/s <sup>2</sup> ]	24.5							
Mass [kg] ( ) indicates brake-incorporated type.	5.3 (7.5)	6.4 (8.6)	7.5 (9.7)	9.8 (12.0)	12.0 (14.2)	6.4 (8.6)	7.5 (9.7)	9.8 (12.0)
Compliance with standards	UL/cUL (UL1004), CE marking (EN60034-1, EN60034-5), RoHS directive							

\*1 The load inertia ratio to the inertia of servo motor. If the moment of load inertia ratio value exceeds the list value, please contact us.

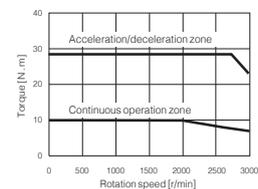
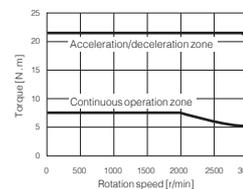
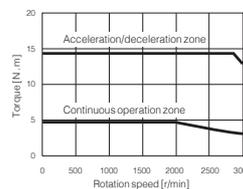
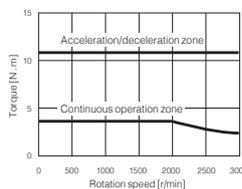
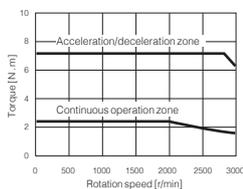
\*2 If the motor is used in the environment rated to IP67 protection degree, use the wiring connector suitable for the protection degree.

### Brake specifications (motor equipped with a brake)

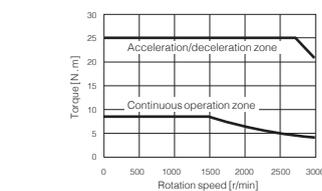
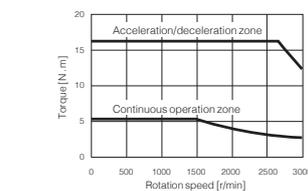
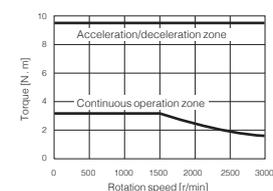
Motor type	GYG501C5 -□□2-B	GYG751C5 -□□2-B	GYG102C5 -□□2-B	GYG152C5 -□□2-B	GYG202C5 -□□2-B	GYG501B5 -□□2-B	GYG851B5 -□□2-B	GYG132B5 -□□2-B
Static friction torque [N·m]	17							
Rated DC voltage [V]	DC24±10%							
Attraction time [ms]	120							
Release time [ms]	30							
Power consumption [W]	12 (at 20 °C)							

### Torque characteristics diagrams (at 3-phase 200 [V] or single-phase 230 [V] source voltage)

GYG501C5-□□2	GYG751C5-□□2	GYG102C5-□□2	GYG152C5-□□2	GYG202C5-□□2
0.5kW	0.75kW	1.0kW	1.5kW	2.0kW



GYG501B5-□□2	GYG851B5-□□2	GYG132B5-□□2
0.5kW	0.85kW	1.3kW



These characteristics indicate typical values of each servomotor combined with the corresponding servo amplifier.

The rated torque indicates the value obtained when the servo amplifier is installed to the following aluminum heat sink.

- Model GYG501C, 751C, 102C : 300 × 300 × 12 [mm]
- Model GYG152C, 202C : 400 × 400 × 12 [mm]
- Model GYG501B, 851B : 300 × 300 × 12 [mm]
- Model GYG132B : 400 × 400 × 12 [mm]