Order guide

C (Major category) GT (Category) D (Series) - C (1 Roller (Ball) Material) - D (2 Roller (Ball) Surface Treatment) - T (3 Shaft Mounting Method) - 15 (4 Speed Code)

Please refer to the series code to select the type and parameters for ordering.

Order guide

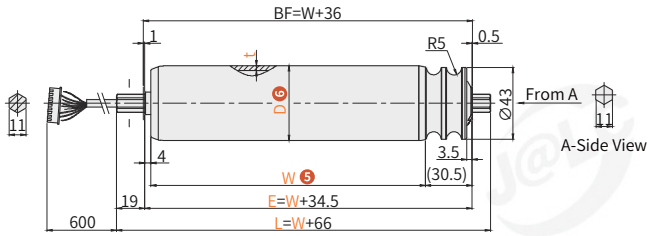
C (Major category) GT (Category) D (Series) - W335 (5 Wheel Width) - D50 (6 Outer Diameter) - 1 (7 Cable End Mounting Bracket) - B3 (8 Optional Machining)

Please refer to the series code to select the type and parameters for ordering.

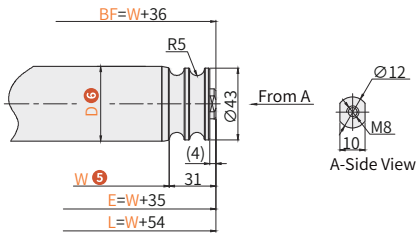
Code	Type	Shaft Mounting Method ❸	Roller (Ball) Material ❶	Roller (Ball) Surface Treatment ❷
CGTD-CD-T	O-Belt Pulley Type	Spring-Loaded Push-In Type	Carbon Steel	Galvanized
CGTD-CG1-T				Hard Chrome Plating
CGTD-SW-T			Stainless Steel	—
CGTD-CD-L		Internal Thread Type	Carbon Steel	Galvanized
CGTD-CG1-L				Hard Chrome Plating
CGTD-SW-L			Stainless Steel	—

- This product is a DC motorized roller with a power of 40 W.
- Rated Power Supply Input: 24 V / 48 V (Allowable Voltage Range: 20–28 V / 40–60 V);
- Supports NPN or PNP input;
- Speed Code (e.g., 15 = 15 m/min)

Spring-Loaded Push-In Type
CGTD-CD-T
CGTD-CG1-T
CGTD-SW-T

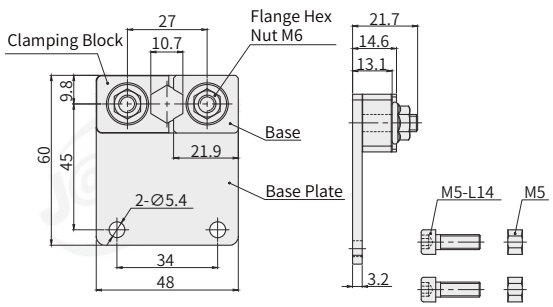


Internal Thread Type
CGTD-CD-L
CGTD-CG1-L
CGTD-SW-L



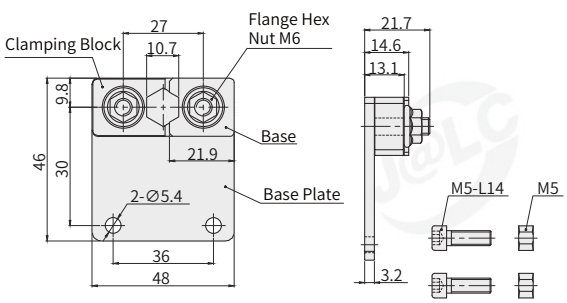
Bracket Selection

1: Standard Mounting Bracket (Cable End)



Tightening Torque (M6):8-10N.m
Tightening Torque (M5):2.3-3.5N.m

2: Compact Mounting Bracket (Cable End)



Tightening Torque (M6):8-10N.m
Tightening Torque (M5):2.3-3.5N.m

Visual standards: first perspective

Roller

Spring-Loaded Push-In Type

Model		W Min.Unit 1 ❺	D ❻	Cable End Mounting Bracket ❼	t	BF	E	L
Code	Speed Code ❹							
CGTD-CD-T CGTD-CG1-T CGTD-SW-T	15 20 25	335~1000	50	1(Standard Type) 2(Compact Type)	1.5	W+36	W+34.5	W+66
	35 45 60 75	310~1000						

Internal Thread Type

Model		W Min.Unit 1 ❺	D ❻	Cable End Mounting Bracket ❼	t	BF	E	L
Code	Speed Code ❹							
CGTD-CD-L CGTD-CG1-L CGTD-SW-L	15 20 25	310~1000	50	1(Standard Type) 2(Compact Type)	1.5	W+36	W+35	W+54
	35 45 60 75	285~1000						

Weight Reference Table (Unit: KG)

Speed Code	W(Roller Length)							
	300	400	500	600	700	800	900	1000
15 20 25	2	2.2	2.4	2.5	2.7	2.9	3	3.2
35 45 60 75	1.8	2	2.2	2.4	2.5	2.7	2.9	3

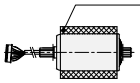
The above weights are approximate values.

Static Load Capacity (Unit: KG)

Speed Code	W(Roller Length)							
	300	400	500	600	700	800	900	1000
15 20 25	2	2.2	2.4	2.5	2.7	2.9	3	3.2
35 45 60 75	1.8	2	2.2	2.4	2.5	2.7	2.9	3

All the above static load capacities are approximate values.

Optional Machining

Code ❽	Optional Illustration	Selection Method
B3 B5 U3 U5 H3 H5 V2	Add Rubber Coating Add Rubber Coating on Galvanized Pipe 	B3 B3 3mm Natural Rubber (Black) B5 5mm Natural Rubber (Black) U3 3mm PU(Black) U5 5mm PU(Black) H3 3mm Nitrile Rubber(Black) H5 5mm Nitrile Rubber(Black) V2 2mm PVC Soft Rubber (Gray)

Optional Machining (Add Rubber Coating) is only applicable to CGTD-CD-T/CGTD-CD-L.