# **TORQUE HINGE (CONCEALED) HG-RT**



TORQUE HINGES

DAMPER HINGES

LIFT ASSIST HINGES

DETENT HINGES

CONCEALED HINGES

BUTT HINGES

PIANO HINGES

STEP HINGES

LIFT-OFF HINGES

PIVOT HINGES

SPRING HINGES

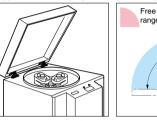
CLEAN ROOM HINGES

HINGES FOR ALUMINIUM FRAME

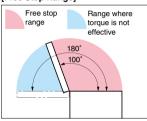
DROP HINGES GLASS DOOR

HINGES SPECIAL HINGES

## [Application Example]

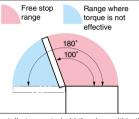


angle 0 ° ~100° ).



Use with top-opening lids (opening Install stopper to hold the door within the

### [Free Stop Range]



range where torque is not effective.

[Specifications]

[Remarks]

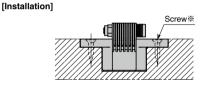
lower left).

Operating temperature: 0°C ~40°C

Stop Range" at the left)

[Recommended Screws]

Be sure to read the "Cautions"
2



Hinge is completely hidden when the door is closed.

Non-friction torque type also available 1.

to open the lid (refer to "Torque Curve" at the lower left). ■Use with top-opening lids (opening angle 0°~100°) (free stop range).

■Torque decreases as the opening angle increases, making easier

■Torque changes with the opening angle (refer to "Torque Curve" at the

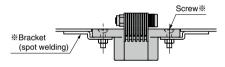
When selecting, ensure that the maximum torque of lid (door) is less than

Set a stopper in the Range where torque is not effective (refer to "Free

half of the torque at the hinge closed position (see the table below).

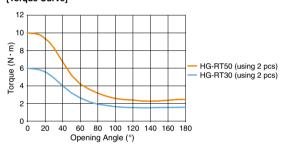
When installing, ensure that both hinge shafts are levelled and aligned.

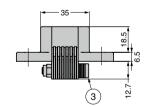
Countersunk head tapping screw 4 or Countersunk head screw M4

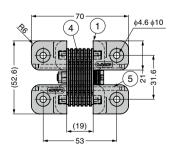


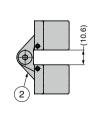
Screws and brackets not included.

### [Torque Curve]

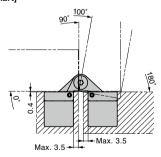








### [Locus Chart]



No.	Part Name	Material	Finish		
1	Body	Zinc Alloy (ZDC)	Satin Chrome		
2	Arm	Stainless Steel (SUS304)			
3	Shaft 1		Plain		
4	Shaft 2	Stainless Steel (505304)	Plain		
(5)	Shaft 3				

RoHS	CAD	Item Code	Item Name	Max. Lid (Door) Moment		Torque N·m/2pcs	Torque kgf·cm/2pcs	Opening	Weight	Вох	Carton
	CAD			Max. N·m/2 pcs	Max. kgf·cm/2 pcs	(Closed Position)	(Closed Position)	Angle	(g)	(pcs)	(pcs)
G'	ЗD	170-026-478	HG-RT30	3	31	3 <sup>±20%</sup>	31 ±20%	180°	160	12	72
G	3D	170-021-889	HG-RT50	5	51	5±20%	51 ±20%			12	72

Refer to 1 : P.88, 2 : P.15