

TH-123 Dampened Hinge-oil



Specifications

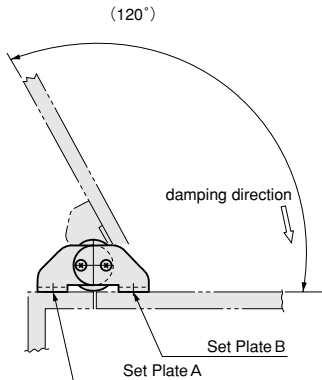
Model No.	Max Load Moment N · m(kgf · cm)	Permissible Temperature Range	Net Weight(g)	Code No.
TH-123-2	2.94(30)	-5°C ~ 50°C	372	2603
TH-123-3	5.89(60)		810	2604

Parts List

No.	Part Name	Material	Finish	Quantity	
				TH-123-2	TH-123-3
1	Body(Cylinder)	BS	Zn (Black)	1	
2	Set Plate (A)	SPCC	Paint(Black)	1	
3	Set Plate (B)			1	
4	Shaft End Bearing	BS	Zn (Black)	2	
5	Setscrew	SUS		4	
6	Hexagon Nut (A)	BS		1	
7	Toothed Lock Washer	S	Zn (Black)	1	
8	Countersunk Screw			4	8
9	Oil	Silicon			
10	Hexagon Nut (B)	SUS			4

※Hexagon Nut (B) not used for TH-123-2
※Material for Unit(Cylinder) of TH-123-2 is PPS(Black)

Application Example



Characteristic

Low-cost damping effect with internal damper.
Shock-absorbing for heavy or slamming lid.
Protect precision equipments from shock.
No mechanism needs to open or close door softly.
Proper control to door angle, smooth move, soft stop at end.
Attaching foot pedal to open door leads to convenient, safe and clean operation for hazardous or waste materials.

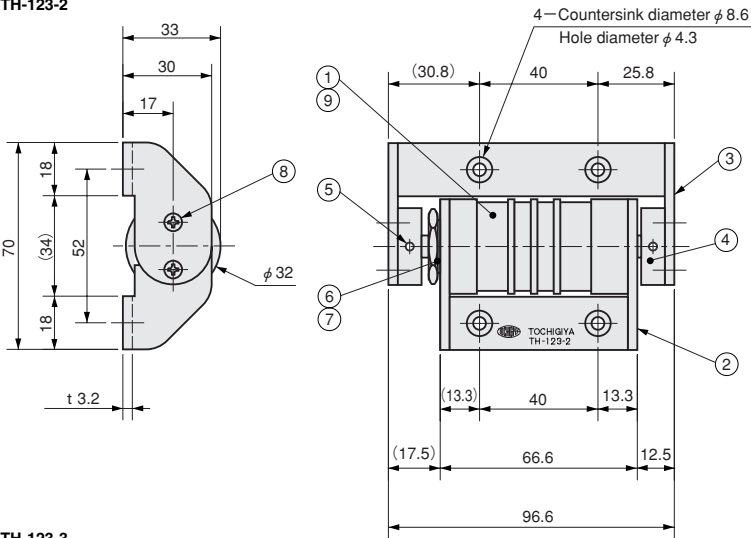
Application

Industrial Machines / Machine tools / House relating devices / Office automation appliances / Medical instruments / Refrigerators / Vehicles / Railcars / Vessels, etc.

Note

1. Do not apply excess force along the damping direction. It may cause a damage or oil leakage.
2. A stopper / stoppers should be put to make the lid from not rotating beyond the rotational range.
3. Do not use 3 and more hinges per one lid.

TH-123-2



TH-123-3

