



# TM-151 / TM-247 ガススプリング / ブラケット (H型)

Gas Spring / Bracket for Gas Spring (Type H)



### 特長

長い圧縮ストロークにわたってほぼ一定のばね力が発生できるガススプリングです。

### 用途

OA 機器・医療機械・工作機械等

### 注意事項

ガススプリングの仕様・注意事項・選定方法 (2-179~181 頁) もご確認ください。

### Characteristic

Gas Spring with steady reaction by its long compressive stroke.

### Application

Office automation appliances / Medical instruments / Machine tools, etc.

### Note

See the page 2-179~181 "Specification, Note and How to Select Gas Spring."

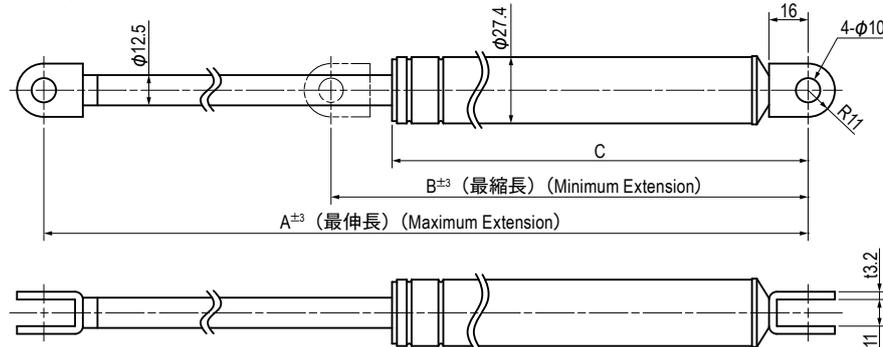
### 材質と処理 Material & Finish

型番 Model No.	材質 Material	処理 Finish
TM-151	—	艶消塗装 (黒色) Flatting Paint (Black)

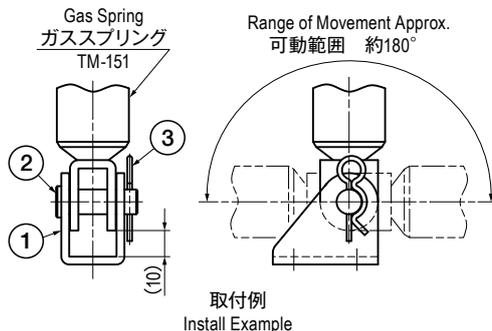
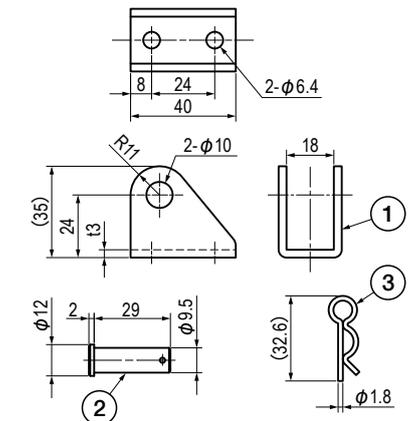
### ■部品表 Parts List (TM-247)

部番 No.	部品名 Part Name	材質 Material	処理 Finish	数 Quantity
1	ブラケット Bracket	SUS304	バレル研磨 Barrel Polishing	1
2	ピン Pin	SUS303	—	1
3	スナップピン Snap Pin	SUS	—	1

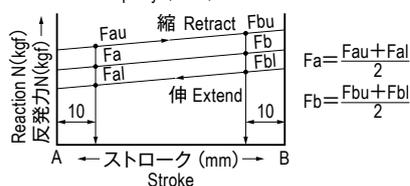
### TM-151



### TM-247



### ●反発力特性 (20°C) Reactive Property (20°C)



### ■性能概要 General Property

使用温度 Permissible Temp.	-20°C ~ 80°C (TM-151-300-70, TM-151-350-60 は -20°C ~ 60°C)
引張強度 Tensile Strength	4903N (500kgf) 以上 4903N (500kgf) and more

## 寸法・仕様表 Size List &amp; Specification

型番 Model No.	A	B	C	反発力 N (kgf) Reaction N (kgf)	反発力特性 Reactive Property		自重 (g) Net Weight (g)
					Fa N (kgf)	Fb N (kgf)	
<b>NEW</b> TM-151-50-50	246	196	(171)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	609 (62.1)	320
<b>NEW</b> TM-151-50-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	731 (74.6)	
<b>NEW</b> TM-151-50-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	851 (86.8)	
<b>NEW</b> TM-151-70-50	316	246	(221)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	621 (63.4)	390
<b>NEW</b> TM-151-70-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	744 (75.9)	
<b>NEW</b> TM-151-70-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	868 (88.6)	
<b>NEW</b> TM-151-80-50	330	250	(225)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	648 (66.1)	404
<b>NEW</b> TM-151-80-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	778 (79.4)	
<b>NEW</b> TM-151-80-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	906 (92.4)	
<b>NEW</b> TM-151-90-50	360	270	(245)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	644 (65.7)	433
<b>NEW</b> TM-151-90-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	773 (78.9)	
<b>NEW</b> TM-151-90-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	901 (91.9)	
<b>NEW</b> TM-151-100-50	386	286	(261)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	657 (67.0)	459
<b>NEW</b> TM-151-100-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	787 (80.3)	
<b>NEW</b> TM-151-100-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	918 (93.7)	
<b>NEW</b> TM-151-120-50	440	320	(295)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	662 (67.6)	512
<b>NEW</b> TM-151-120-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	794 (81.0)	
<b>NEW</b> TM-151-120-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	926 (94.5)	
<b>NEW</b> TM-151-130-50	470	340	(315)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	662 (67.6)	541
<b>NEW</b> TM-151-130-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	794 (81.0)	
<b>NEW</b> TM-151-130-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	926 (94.5)	
<b>NEW</b> TM-151-150-50	526	376	(351)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	658 (67.1)	594
<b>NEW</b> TM-151-150-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	789 (80.5)	
<b>NEW</b> TM-151-150-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	920 (93.9)	
<b>NEW</b> TM-151-180-50	610	430	(405)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	656 (66.9)	675
<b>NEW</b> TM-151-180-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	786 (80.2)	
<b>NEW</b> TM-151-180-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	917 (93.6)	
<b>NEW</b> TM-151-200-50	666	466	(441)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	657 (67.0)	729
<b>NEW</b> TM-151-200-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	787 (80.3)	
<b>NEW</b> TM-151-200-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	918 (93.7)	
<b>NEW</b> TM-151-250-50	750	500	(475)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	730 (74.5)	819
<b>NEW</b> TM-151-250-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	875 (89.3)	
<b>NEW</b> TM-151-250-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	1019 (104.0)	
<b>NEW</b> TM-151-300-50	850	550	(525)	490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	780 (79.6)	922
<b>NEW</b> TM-151-300-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	935 (95.4)	
<b>NEW</b> TM-151-300-70				686 (70)	686 <sup>±30</sup> (70 <sup>±3</sup> )	1089 (111.1)	
<b>NEW</b> TM-151-350-40	950	600	(575)	392 (40)	392 <sup>±30</sup> (40 <sup>±3</sup> )	665 (67.9)	1024
<b>NEW</b> TM-151-350-50				490 (50)	490 <sup>±30</sup> (50 <sup>±3</sup> )	829 (84.6)	
<b>NEW</b> TM-151-350-60				588 (60)	588 <sup>±30</sup> (60 <sup>±3</sup> )	993 (101.3)	

## 仕様 Specification TM-247 ガススプリング用ブラケット (H型) Bracket for Gas Spring (Type H)

型番 Model No.	自重 (g) Net Weight (g)
TM-247	74.5

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