



# TM-150 ガススプリング

Gas Spring



## 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（2-175～177 頁）もご確認ください。

## Characteristic

Gas Spring with steady reaction by its long compressive stroke.

## Application

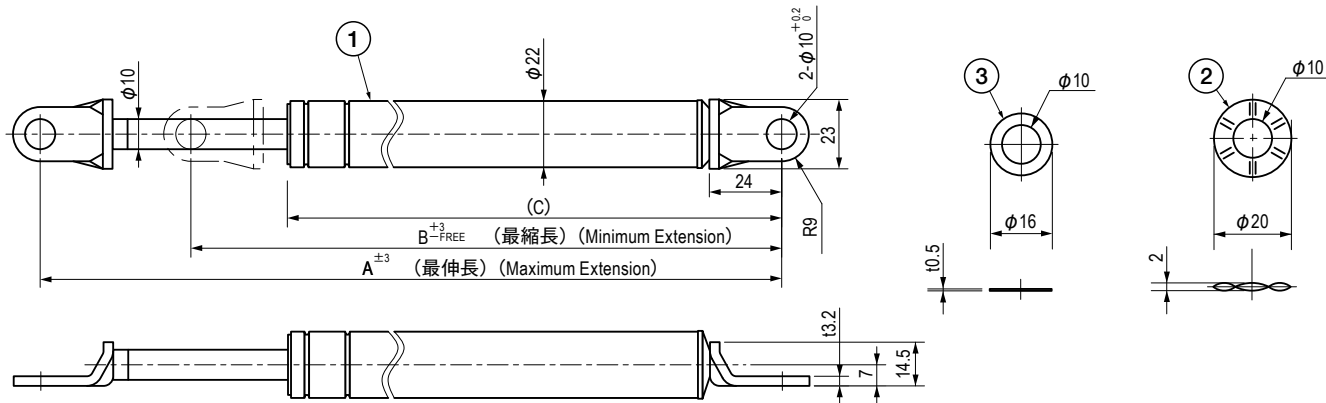
Office automation appliances / Medical instruments / Machine tools, etc.

## Note

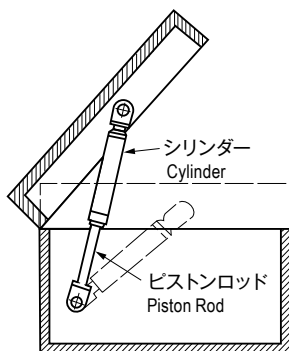
See the page 2-175～177 "Specification, Note and How to Select Gas Spring."

## ■部品表 Parts List

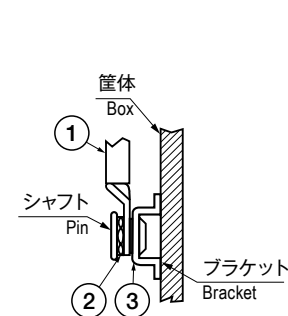
| 部番 No. | 部品名 Part Name         | 材質 Material | 処理 Finish             | 数 Quantity |
|--------|-----------------------|-------------|-----------------------|------------|
| 1      | 本体 Body               | —           | 塗装 (黒色) Paint (Black) | 1          |
| 2      | ウェーブワッシャー Wave Washer | SUS304      | —                     | 2          |
| 3      | ワッシャー Washer          | PA          | —                     | 2          |



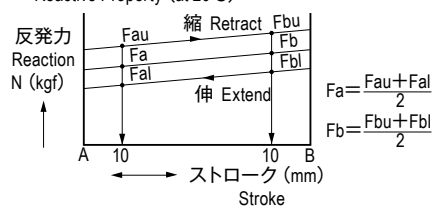
筐体取付例  
Example of Installation on Box.



組付例  
Assemble Example



●反発力特性 (20℃時)  
Reactive Property (at 20℃)



## ■性能概要 General Property

|                        |                                                |
|------------------------|------------------------------------------------|
| 使用温度 Permissible Temp. | -20℃～80℃                                       |
| 耐久性 Durability         | 3 万回以上<br>30,000 and more                      |
| 引張強度 Tensile Strength  | 4.91kN (500kgf) 以上<br>4.91kN (500kgf) and more |

## 寸法・仕様表 Size List & Specification

| 型番<br>Model No. | A   | B   | C   | 反発力 N (kgf)<br>Reaction N (kgf) | 反発力特性 Reactive Property<br>Fa N (kgf)    | Fb N (kgf)   | 自重 (g)<br>Net Weight (g) | 価格 (円)<br>Price (yen) |
|-----------------|-----|-----|-----|---------------------------------|------------------------------------------|--------------|--------------------------|-----------------------|
| TM-150-100-20   | 386 | 286 | 253 | 196.1 (20)                      | 196.1 <sup>±20</sup> (20 <sup>±2</sup> ) | 274.6 (28)   | 306.4                    | ¥2,575                |
| TM-150-100-40   |     |     |     | 392.3 (40)                      | 392.3 <sup>±30</sup> (40 <sup>±3</sup> ) | 546.2 (55.7) | 303.2                    | ¥2,575                |
| TM-150-150-20   | 526 | 376 | 343 | 196.1 (20)                      | 196.1 <sup>±20</sup> (20 <sup>±2</sup> ) | 268.7 (27.4) | 388                      | ¥2,575                |
| TM-150-150-40   |     |     |     | 392.3 (40)                      | 392.3 <sup>±30</sup> (40 <sup>±3</sup> ) | 535.4 (54.6) | 394.4                    | ¥2,575                |
| TM-150-200-20   | 666 | 466 | 433 | 196.1 (20)                      | 196.1 <sup>±20</sup> (20 <sup>±2</sup> ) | 268.7 (27.4) | 485.6                    | ¥2,575                |
| TM-150-200-40   |     |     |     | 392.3 (40)                      | 392.3 <sup>±30</sup> (40 <sup>±3</sup> ) | 533.5 (55.4) | 484.4                    | ¥2,575                |