

## 微型氮氣彈簧指數 MICRO GAS SPRING INDEX

### 微型系列:精密氮氣彈簧 MICRO SERIES:PRECISION GAS SPRINGS



AFB  
20-50 daN  
7-80 mm  
Φ12



AFJ  
20-90 daN  
7-80 mm  
Φ19



AFD  
50-2000 daN  
7-100 mm  
Φ25



AF  
50-2000daN  
15-80 mm  
Φ25



AFN  
50-200daN  
10-125 mm  
Φ25



AFN-A  
50-200daN  
10-125mm  
Φ25



AFC  
50-2000daN  
10-125 mm  
Φ25



AFK  
25-100daN  
10-80 mm  
Φ20

#### 微型系列

- 縮減化尺寸(56-295mm)
- 尤其適合需要低壓力的精密系統(20-200daN)
- 螺旋彈簧的理想替代品

#### SERIE MICRO:

- Reduced dimensions(56-295daN).
- Specially suited for high precision systems that require low forces(20-200daN).
- Ideal for replacing coil springs.

AFB -----

AFJ -----

AFD -----

AF -----

AFN -----

AFN-A -----

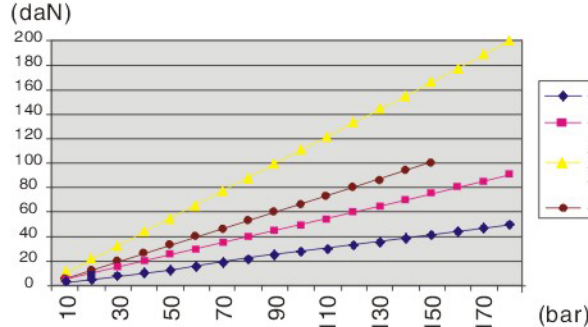
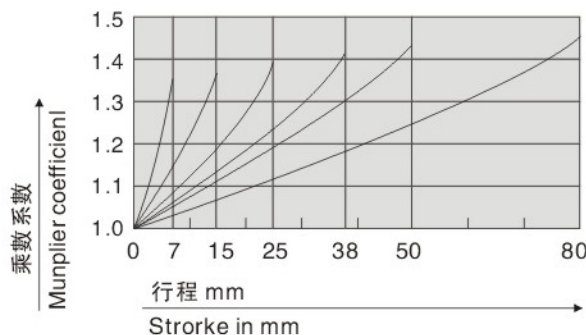
AFC -----

AFK -----

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## 微型系列特征 ABOUT MICRO SERIES

型號 MODEL	彈力 FORCE (daN)	缸體 BODY (mm)	可否修復 REPAIR	可否連接 CONNECTION	充氣口徑 FILLING PORT
AFB	50	12	否NO	NO	M6
AFJ	90	19	否NO	NO	M6
AFD	200	25	否NO	NO	M6
AF	200	25	否NO	NO	M6
AFN	200	25	是YES	NO	M6
AFN-A	200	25	是YES	NO	M6
AFC	200	25	是YES	NO	M6
AFK	100	20	是YES	NO	M6



壓力增加圖表  
依據使用行程

PRESSURE INCREASE  
DIAGRAM ACCORDING  
TO STROKE USED

彈力圖表  
依據負荷壓力

FORCE DIAGRAM  
ACCORDING TO  
LOADING PRESSURE

壓力介質/Pressure medium	N <sub>2</sub>
最大充氣壓力/Max.charging pressure	180bar
最小充氣壓力/Min.charging pressure	20bar
工作溫度/Operating temperature	0° -100°
最大活塞杆速度/Max.Piston rod speed	1.6m/s
可否再充氣/Refillable	是/Yes
可否連接/Connection	No

建議預留10%行程  
A 10% stroke lenght allowance is recommended.

目錄以外之特殊氮氣彈簧可以訂購  
Special gas springs out of catalogue are manufactured under order

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## 技術 TECHNICAL FEATURES

### 安全要求 SAFETY REQUIREMENTS

氮氣彈簧裏面填充最大壓力達180巴的氮氣，

Gas springs are containers charged with nitrogen gas at maximum pressure of 180 bar.

未經拆卸或未確保完全釋放，  
請勿操作氮氣彈簧任何部件。

Do not manipulate any part of gas spring without being sure that it is completely discharged, or you are trained in handling the process of unload.

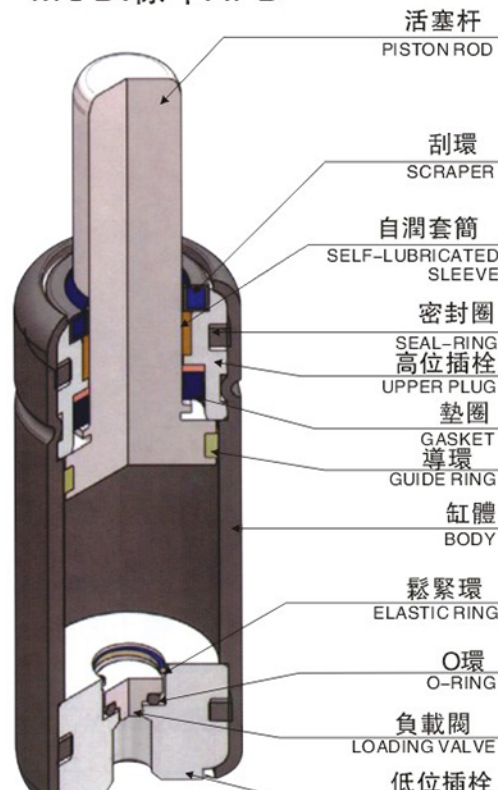
Azo1氮氣彈簧符合關於壓力設備指令(PED)的  
歐共體指令的97/23/CE,該CE簽定標記祇有符合  
上述指令才會被激光雕刻上去。

Azolgas gas springs meel European Community Directive 97/23/CE related to Pressure Equipment Devices(PED), and CE Mark identification only will be laser etched according to the mentioned Directive.

未經適當訓練，請勿私自操作氮氣彈簧。  
并始終遵守Azo1列述的操作指南。

Never handle gas springs by personnel without the appropriate training, and always following the outlined operating instructions from Azoigas.

### MOD.STANDARD AFD MOD.標準AFD



微型氮氣彈簧尤其適用於高精密系統和需要小彈力及狹小空間的常規使用。

可被放入袋內或于邊緣系緊。

Small gas springs specially suited for high precision systems and general applications that require little forces and reduced spaces, They can be dropped into a pocket in the die or fastened by flanges.

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