

CW 氮氣彈簧指數 CW GAS SPRING INDEX

CW 系列：小型氮氣彈簧 CW SERIES: SMALL GAS SPRINGS



CW 170
170 daN
7-125mm
Φ19



CW 320
320 daN
7-125mm
Φ25



CW 350
350 daN
10-125mm
Φ32



CW 500
500 daN
10-125mm
Φ38



CW 750
750 daN
10-125mm
Φ45



CW 1000
1000 daN
13-125mm
Φ50



CW 1500
1500 daN
13-125mm
Φ63



CW 2400
2400 daN
5-125mm
Φ75



CW 4200
4200 daN
16-125mm
Φ95



CW 6600
6600 daN
16-125mm
Φ120



CW 9500
9500 daN
19-125mm
Φ150

氮氣彈簧
Nitrogen oxide mold

小型系列/SMALL SERIES

CW系列技術特征
最小空間最大彈力
降低衝模結構成本
需要最佳引導狀況

CW 170-2400自容氮氣彈簧, M6
CW 4200-9500連接型氮氣彈簧, 1/8"氮氣
CWC連接型氮氣彈簧, 1/8"氮氣

TECHNICAL FEATURES ON CW SERIES:

The highest force in the smallest space.
Reduction of die construction costs.
Optimal guiding conditions required.
CW 170-2400 self-contained gas springs, M6.
CW 4200-9500 connected gas springs, 1/8" Gas
CWC connected gas springs, 1/8" Gas.

CW-170
CW-320
CW-350
CW-500
CW-750
CWC-750

CW-1000
CWC-1000
CW-1500
CWC-1500
CW-2400
CWC-2400

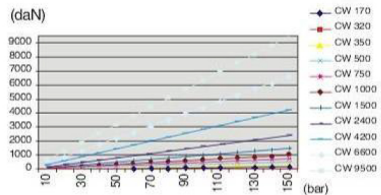
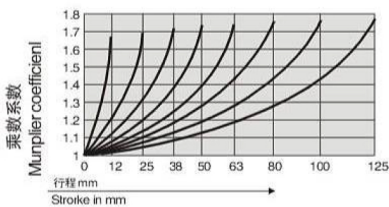
CW-4200
CWC-4200
CWS-4200
CW-6600
CWS-6600
CW-9500

CW 系列特征

ABOUT CW SERIES

型号 MODEL	弹力 FORCE (daN)	Φ缸体 ΦBODY (mm)	可否修复 REPAIR	可否连接 CONNECTION	充气口径 FILLING PORT
CW 170	170	19	是/YES	NO	M6
CW 320	320	25	是/YES	NO	M6
CW 350	350	32	是/YES	NO	M6
CW 500	500	38	是/YES	NO	M6
CW 750	750	45	是/YES	NO	M6
CW 1000	1000	50	是/YES	NO	M6
CW 1500	1500	63	是/YES	NO	M6
CW 2400	2400	75	是/YES	NO	M6
CW 4200	4200	95	是/YES	是/YES	1/8" Gas
CW 6600	6600	120	是/YES	是/YES	1/8" Gas
CW 9500	9500	150	是/YES	是/YES	1/8" Gas
CWC 750	750	45	是/YES	是/YES	1/8" Gas
CWC 1000	1000	50	是/YES	是/YES	1/8" Gas
CWC 1500	1500	63	是/YES	是/YES	1/8" Gas
CWC 2400	2400	75	是/YES	是/YES	1/8" Gas
CWC 4200	4200	95	是/YES	是/YES	1/8" Gas
CWS 4200	4200	95	是/YES	是/YES	1/8" Gas
CWS 6600	6600	120	是/YES	是/YES	1/8" Gas

氮氣彈簧
Nitrogen gas springs



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 ₂
最大充氣壓力/Max.charging pressure	150bar
最小充氣壓力/Min.charging pressure	20bar
工作溫度/Operating temperature	0° -110°
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	否/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

CW系列技術指數 TECHNICAL FEATURES

安全要求 SAFETY REQUIREMENTS

氮氣彈簧裏面填充最大壓力達150巴的氮氣。
未經拆卸訓練或未確何完全釋放，
請勿操作氮氣彈簧任何部件。

Azol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鑒定標記祇有
符合上述指令才會被激光雕刻上去。
未經適當訓練，請勿私自操作氮氣彈簧。
并始終遵守Azol列述的操作指南。

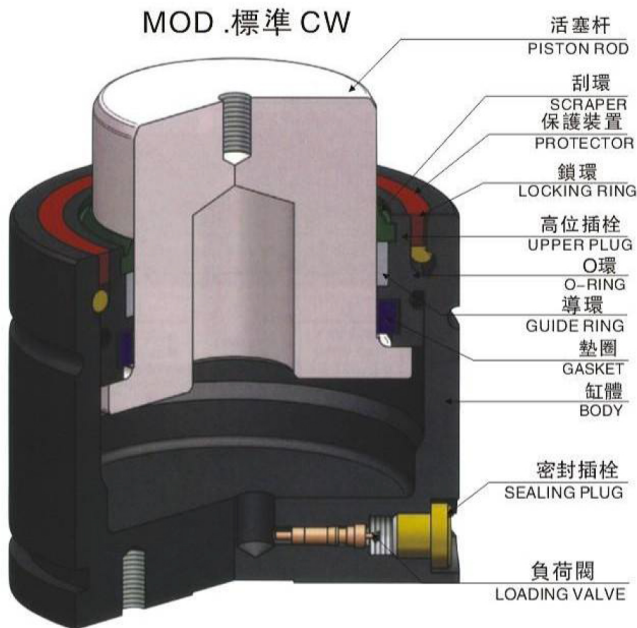
Gas springs are containers charged with
nitrogen gas at maximum pressure of 150 bar.

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.

Azolgas gas springs meet 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.

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

氮
氣
彈
簧



小型系列/SMALL SERIES

CT-CTC-CTN氮氣彈簧系列是為應用最小空間需要最大彈力而專門設計的。
是降低衝模結構成本的完美方案。需要最佳工作和引導狀況。

CT-CTC-CTN gas springs series are specially designed for applications demanding the highest force in
the smallest space. The perfect way for die construction costs reduction. Best working and guiding
conditions are required.