

强力氮气弹簧是我们产品中靠柱塞杆密封的最矮、弹压力最大的氮气弹簧。它可以在很小的模具内提供非常大的弹压力。此系列氮气弹簧的弹压力从1700 N到200000 N，工作行程从7至125mm。

此系列气弹簧在缸侧面有一个充气口，也可以使用这个充气口，用于微型管路连接系统。

缸体上部有一个C形槽，缸体下部有一个U形槽，它们同缸体底部四个M12螺孔一起，提供了各种安装可能性。

The Power Line Series includes our shortest and most powerful Piston Rod Sealed gas springs, offering impressive force in a very compact format.

The Power Line springs are available with forces from 1,700 N up to 200,000 N and stroke lengths between 7 and 125 mm.

There is a side port for gas charging that can also be used to connect to a gas link system.

An upper C-groove, lower U-groove together with four M12 threaded holes allow various mounting possibilities using our standard mounts.

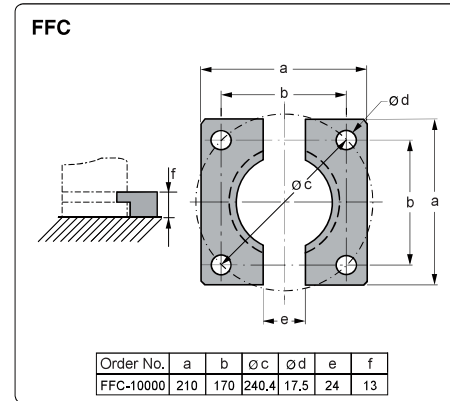
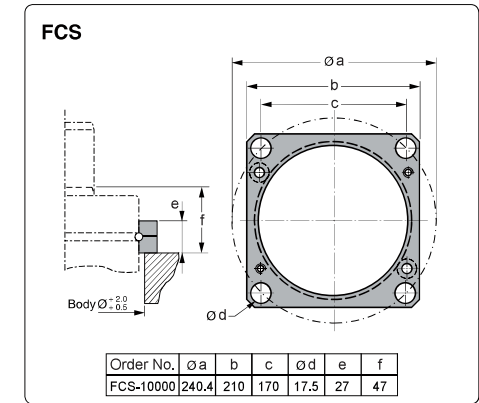
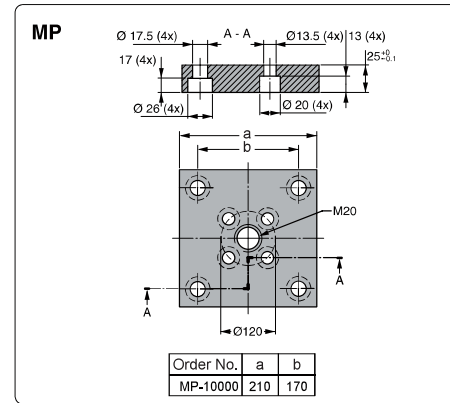
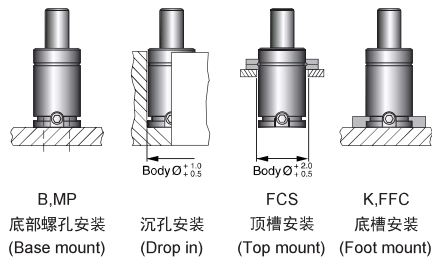
Order No.	行程 Stroke S	弹压力N在150bar/+20°C		L±0.25	Lmin
		初始力 Initial	终始力* End force*		
GX20000-019	19	200000	259000	148	129
GX20000-025	25		270000	160	135
GX20000-032	32		280000	174	142
GX20000-038	38		287000	186	148
GX20000-050	50		298000	210	160
GX20000-063	63		307000	236	173
GX20000-075	75		313000	260	185
GX20000-080	80		315000	270	190
GX20000-100	100		323000	310	210
GX20000-125	125		330000	360	235

*=在全行程 at full stroke

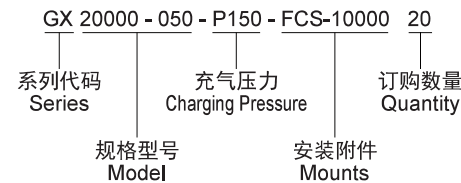
基本参数 Basic information

- 充气介质 ----- 氮气 Nitrogen
Pressure medium
- 最大充气压力 ----- 150 bar(at 20°C)
Max.charging pressure
- 最小充气压力 ----- 25 bar(at 20°C)
Min.charging pressure
- 工作环境温度 ----- 0~80°C
Operating temperature
- 单位温度弹压力增量 ----- ±0.3%/°C
Force increase by temperature
- 推荐每分钟工作频率 ----- 20-80spm(20°C)
Recommended working frequency
- 最大工作速度 ----- 96 m/min
Max.piston rod velocity

几种安装可能性 Mounting Possibilities



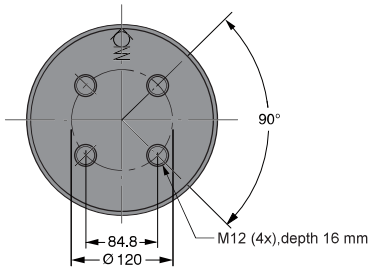
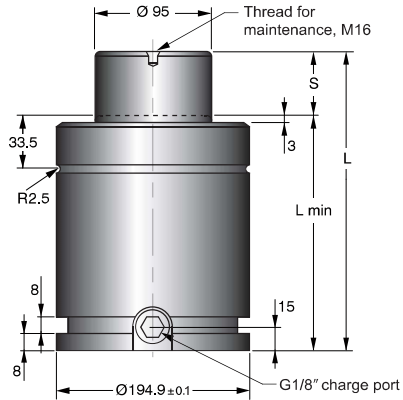
订购方法 Ordering method





氮气弹簧的标准系是GTU系列。
其规格从250到10000的氮气弹簧都符合国际ISO 11901标准。

The standard line of gas springs is the GTU line.
Sizes 250 to 10 000 correspond to the ISO 11901 standard for gas springs.



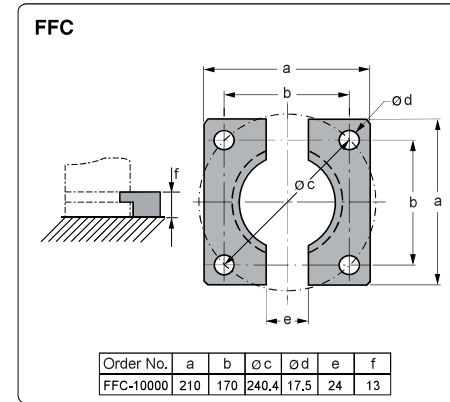
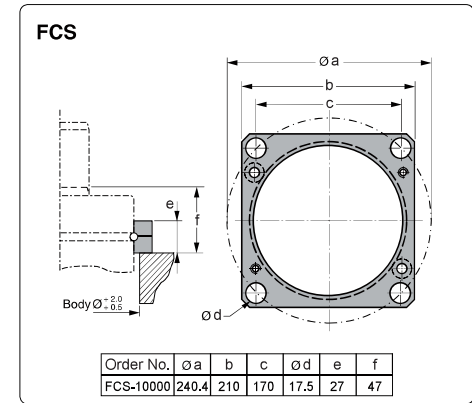
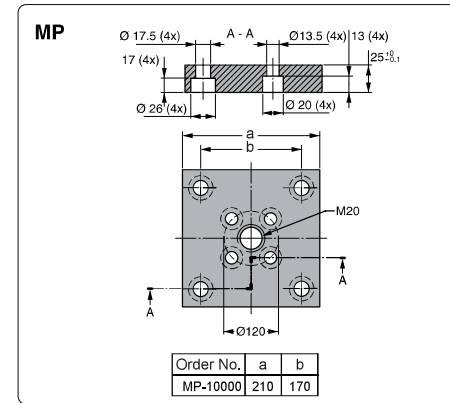
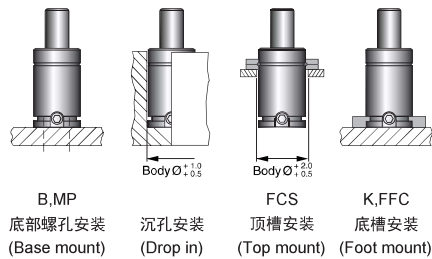
Order No.	行程 Stroke S	弹压力N在150bar/+20°C		L±0.25	Lmin
		初始力 Initial	终始力* End force*		
GTU10000-025	25	106000	138000	210	185
GTU10000-038	38.1		143000	236.2	198.1
GTU10000-050	50		147000	260	210
GTU10000-064	63.5		150000	287	223.5
GTU10000-080	80		152000	320	240
GTU10000-100	100		156000	360	260
GTU10000-125	125		157000	410	285
GTU10000-160	160		158000	480	320
GTU10000-200	200		160000	560	360
GTU10000-250	250		160000	660	410
GTU10000-300	300	160000	760	460	

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