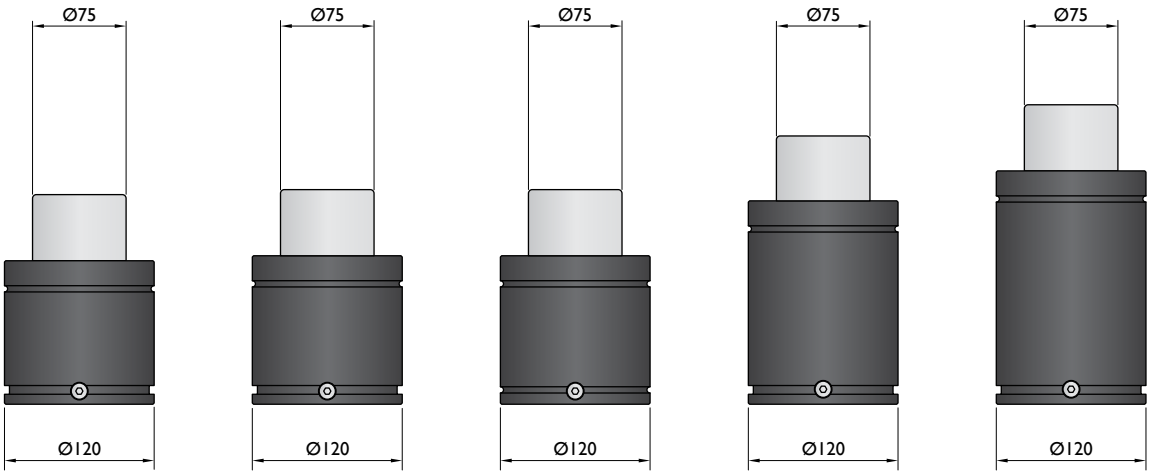
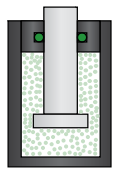


Force 6500 daN

Piston Rod Sealed
gas springs



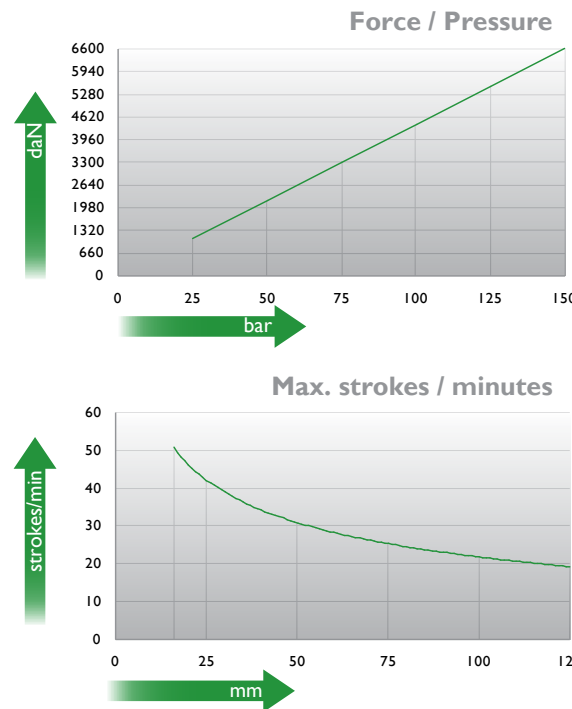
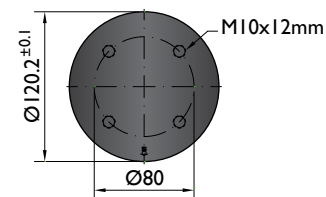
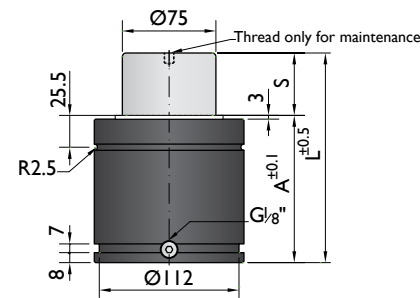
Model	KP-6600	NR-6600	NT-6600	M-6500	HD-6600
Initial F (daN)	6600	6600	6600	6400	6600
L max (mm)	2xStroke+68	2xStroke+72	2xStroke+72	2xStroke+115	2xStroke+140
Stroke (mm)	16-125	16-125	16-125	25-160	25-300

* other strokes under request

Standards

PED 2014/68/EU	PED 2014/68/EU	PED 2014/68/EU	PED 2014/68/EU	PED 2014/68/EU
ISO 11901	ISO 11901	ISO 11901	ISO 11901	ISO 11901
VDI 3003	VDI 3003	VDI 3003	VDI 3003	VDI 3003
CNOMO EM24.54.700	CNOMO EM24.54.700	CNOMO EM24.54.700	CNOMO EM24.54.700	CNOMO EM24.54.700





Ordering example: 4 x KP-6600-125

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 150 bar)	F daN	kg
KP-6600-16	16	100	84	6600	9800	5.85
KP-6600-19	19	106	87		10000	5.98
KP-6600-25	25	118	93		10300	6.24
KP-6600-32	32	132	100		10600	6.52
KP-6600-38	38	144	106		10700	6.79
KP-6600-50	50	168	118		11500	7.58
KP-6600-63	63	194	131		11500	8.07
KP-6600-75	75	218	143		11100	8.30
KP-6600-80	80	228	148		11100	8.46
KP-6600-100	100	268	168		11000	9.10
KP-6600-125	125	318	193		10900	9.89

other strokes under request

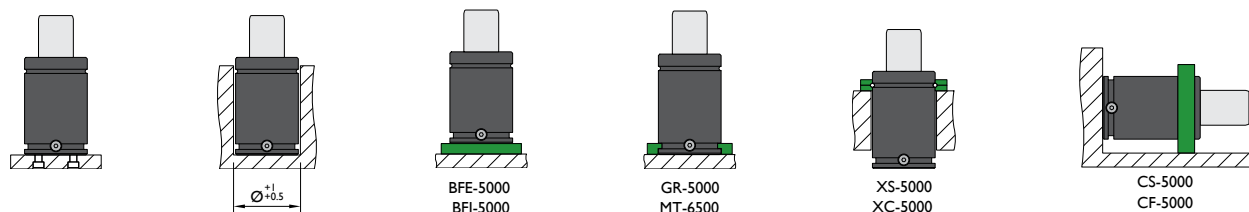
alternative forces upon request

ESK available for other strokes



Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	150 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT KP-6600
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	G1/8"

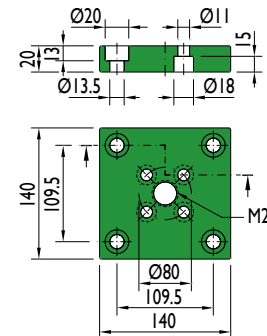
Mounting possibilities



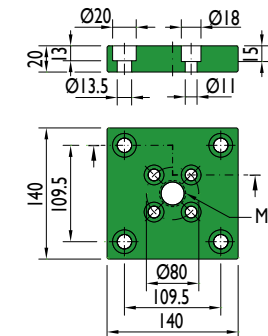
Flange must not support spring's force

Flanges

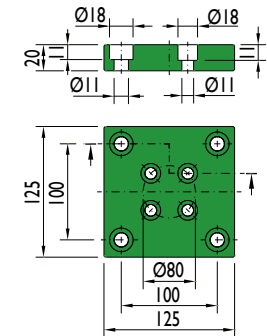
BFE-5000



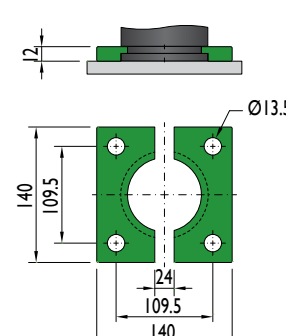
BFI-5000



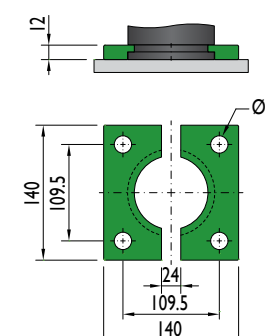
MC-6500



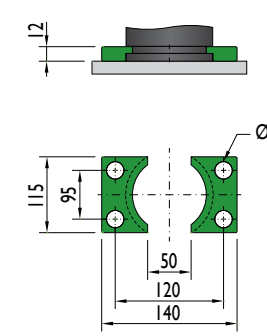
GR-5000



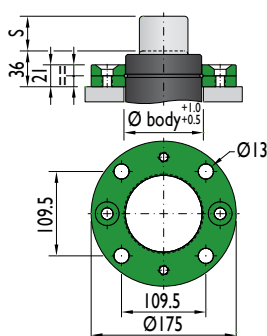
MT-6500



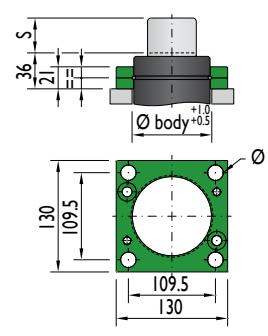
AR-5000



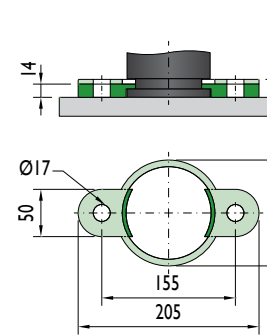
XS-5000



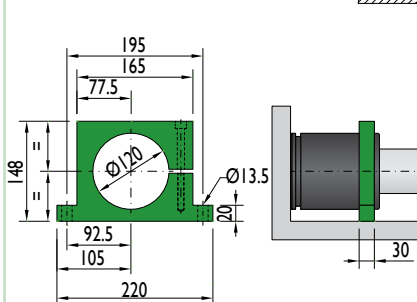
XC-5000



PR-5000

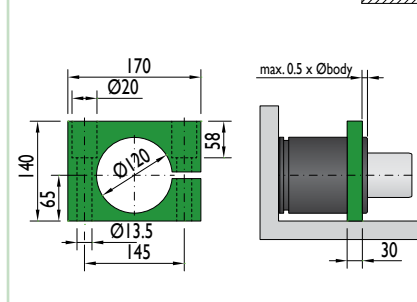


CS-5000

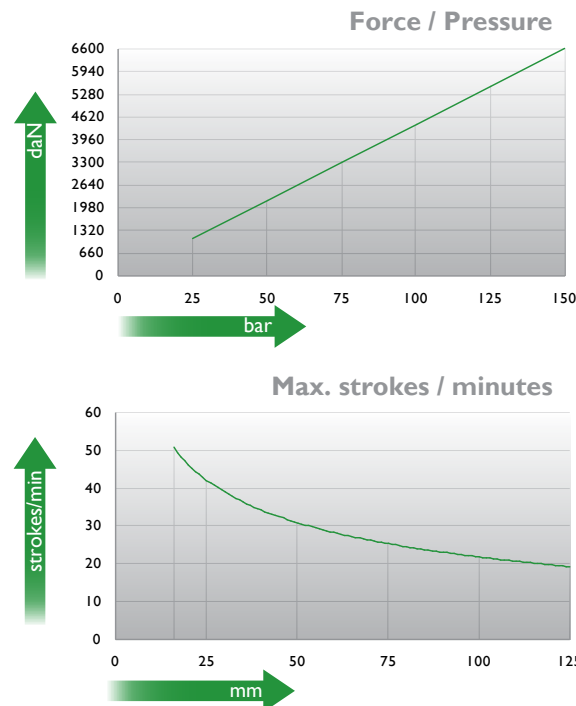
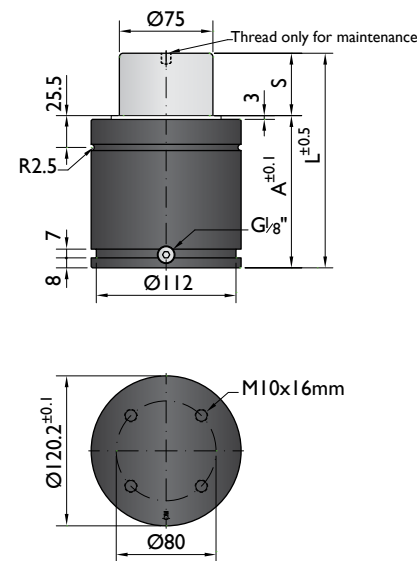


Flange must not support spring's force

CF-5000



Flange must not support spring's force



Ordering example: 4 x NR-6600-125

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN	F daN	⁽³⁾	kg
				(20°C, 150 bar)			
NR-6600-16	16	104	88	6600	8900	No	5.67
NR-6600-19	19	110	91		9100	No	5.81
NR-6600-25	25	122	97		9300	No	6.08
NR-6600-32	32	136	104		9600	No	6.41
NR-6600-38	38	148	110		9800	No	6.68
NR-6600-50	50	172	122		10000	No	7.21
NR-6600-63	63	198	135		10200	No	7.85
NR-6600-75	75	222	147		10300	No	7.31
NR-6600-80	80	232	152		10400	No	8.63
NR-6600-100	100	272	172		10500	No	9.56
NR-6600-125	125	322	197		10600	No	10.72

other strokes under request

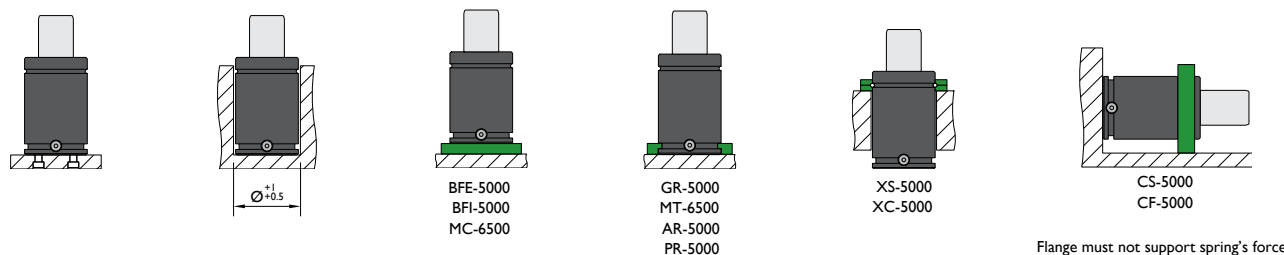
alternative forces upon request

ESK available for other strokes



Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	150 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT NR-6600
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	G1/8"

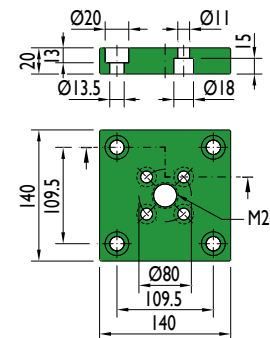
Mounting possibilities



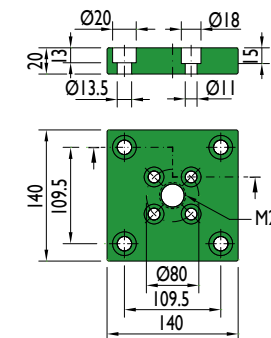
Flange must not support spring's force

Flanges

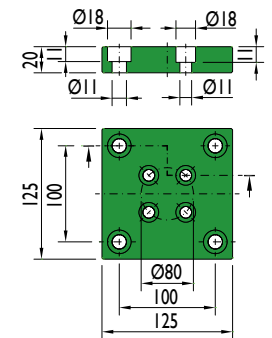
BFE-5000



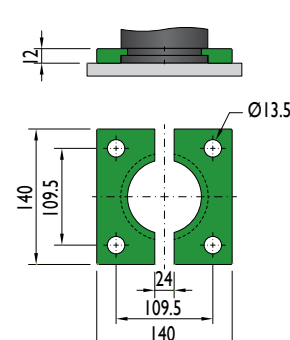
BFI-5000



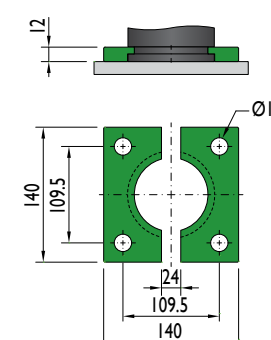
MC-6500



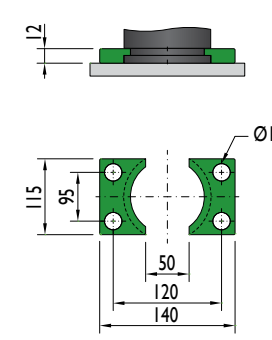
GR-5000



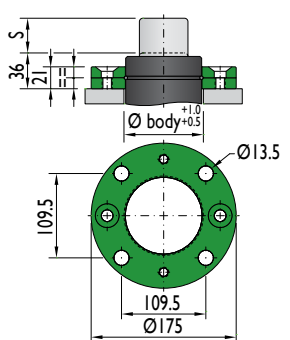
MT-6500



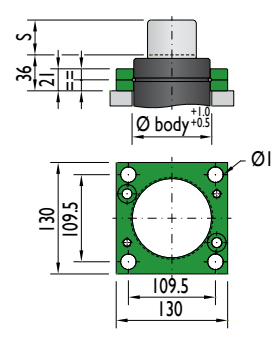
AR-5000



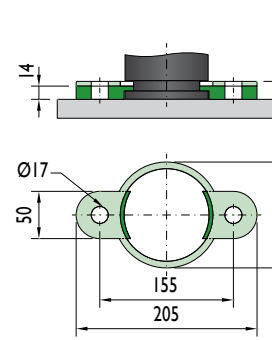
XS-5000



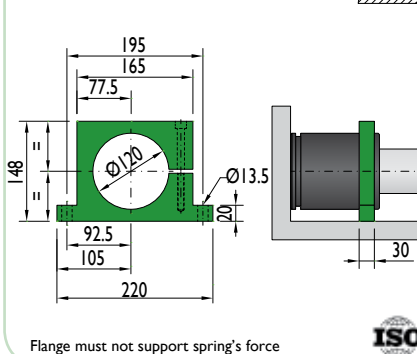
XC-5000



PR-5000

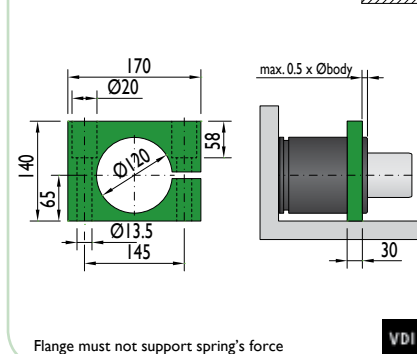


CS-5000

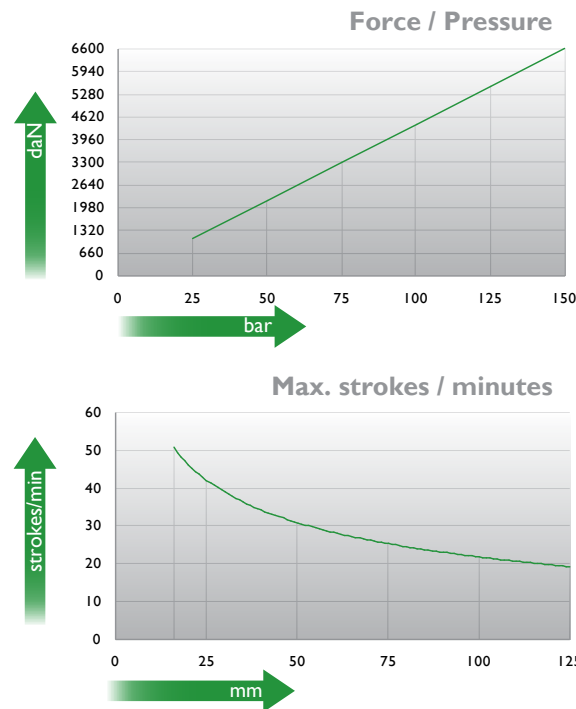
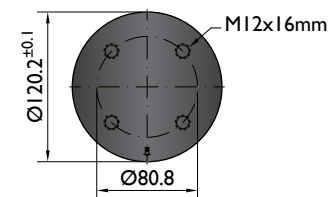
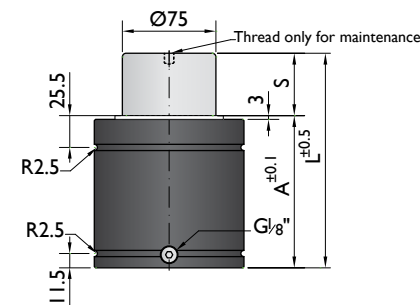


Flange must not support spring's force

CF-5000



Flange must not support spring's force



Ordering example: 4 x NT-6600-125

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 150 bar)	F daN	⁽³⁾	kg
NT-6600-16	16	104	88	6600	8900	No	5.67
NT-6600-19	19	110	91		9100	No	5.81
NT-6600-25	25	122	97		9300	No	6.08
NT-6600-32	32	136	104		9600	No	6.41
NT-6600-38	38	148	110		9800	No	6.68
NT-6600-50	50	172	122		10000	No	7.21
NT-6600-63	63	198	135		10200	No	7.85
NT-6600-75	75	222	147		10300	No	7.31
NT-6600-80	80	232	152		10400	No	8.63
NT-6600-100	100	272	172		10500	No	9.56
NT-6600-125	125	322	197		10600	No	10.72

⁽¹⁾ other strokes under request

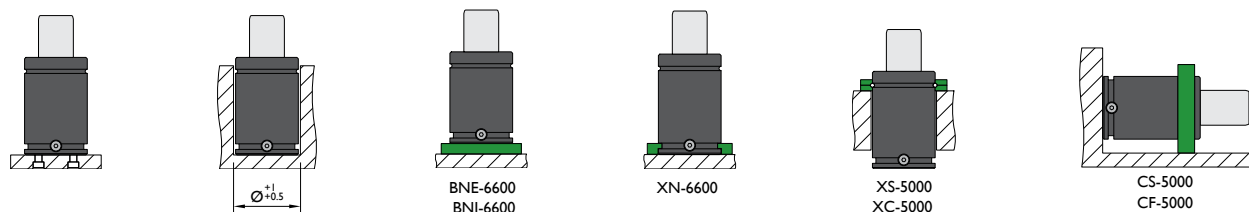
⁽²⁾ alternative forces upon request

⁽³⁾ ESK available for other strokes



Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	150 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT NT-6600
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	G1/8"

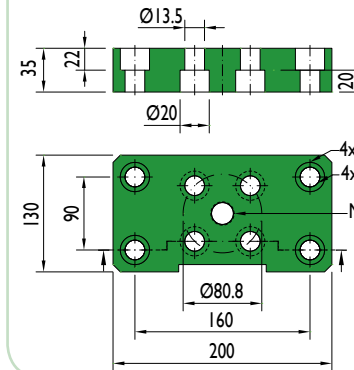
Mounting possibilities



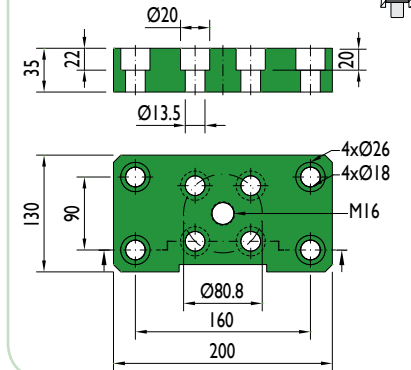
Flange must not support spring's force

Flanges

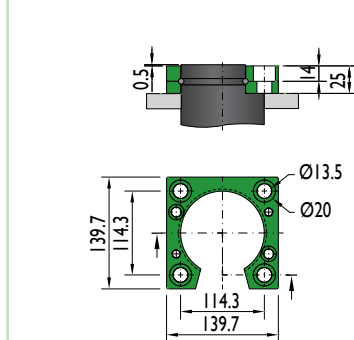
BNE-6600



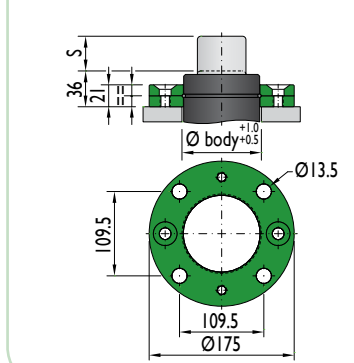
BNI-6600



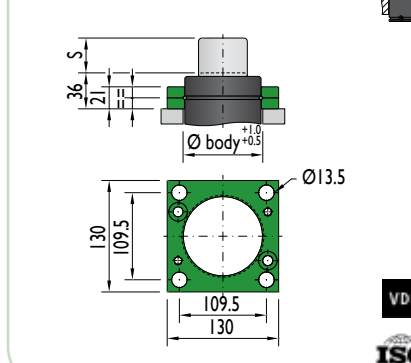
XN-6600



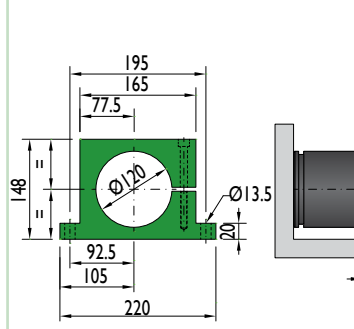
XS-5000



XC-5000

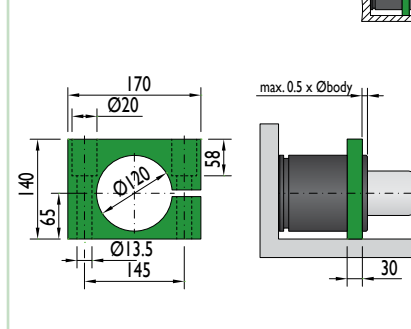


CS-5000



Flange must not support spring's force

CF-5000

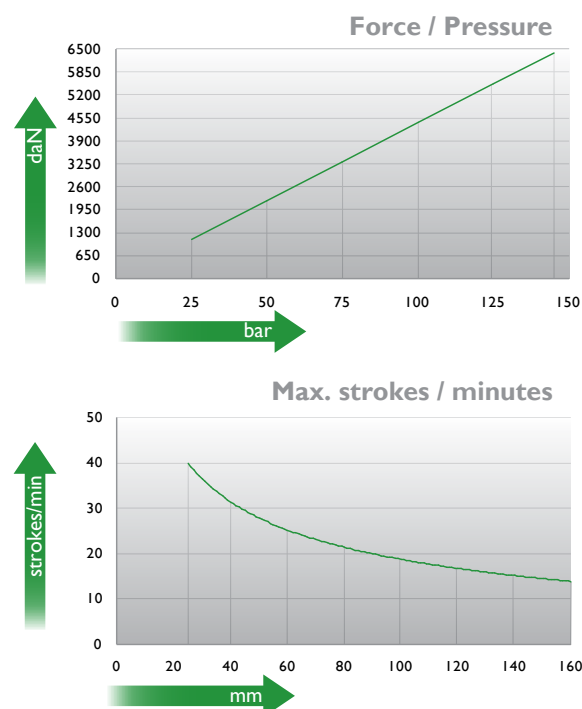
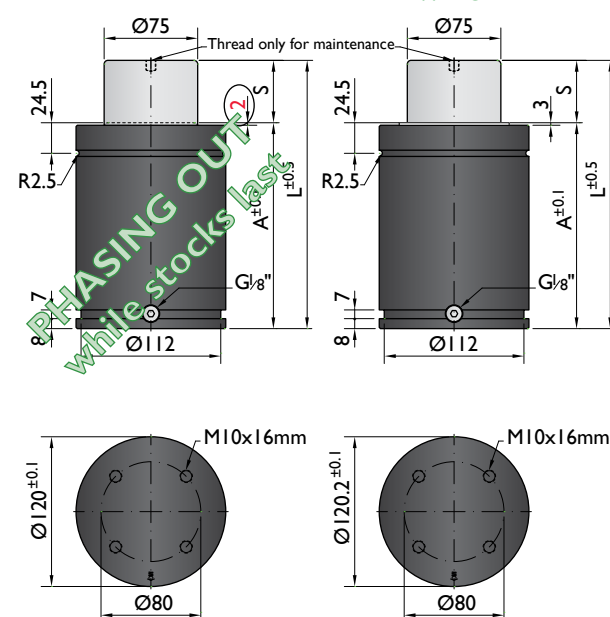


Flange must not support spring's force



*The new cylinder will be supplied when the stock runs out.

NEW MODEL*



Ordering example: 4 x M-6500-125

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 145 bar)	F daN	(3)	kg
M-6500-25	25	165	140	6400	8900	No	9.18
M-6500-38	38	191	153		9400	No	9.72
M-6500-50	50	215	165		9800	No	10.40
M-6500-63	63	241	178		10000	No	10.36
M-6500-80	80	275	195		10500	No	11.61
M-6500-100	100	315	215		10900	No	12.42
M-6500-125	125	375	250		10600	No	13.43
M-6500-160	160	450	290		10700	Yes	14.84

(1) other strokes under request

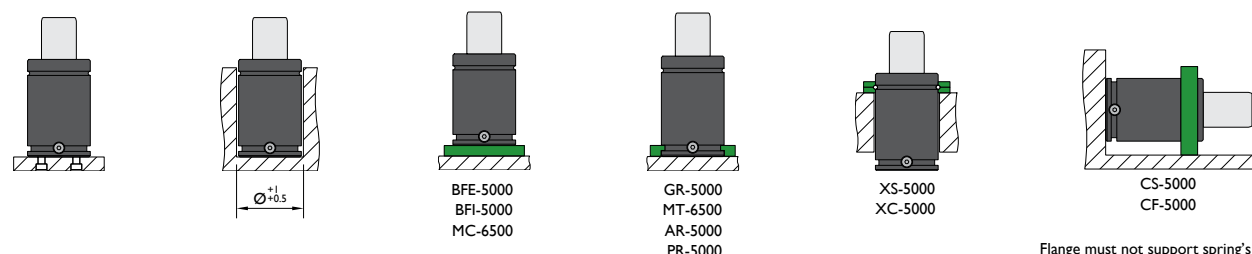
(2) alternative forces upon request

(3) ESK available for other strokes



Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	145 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT M-6500
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	G1/8"

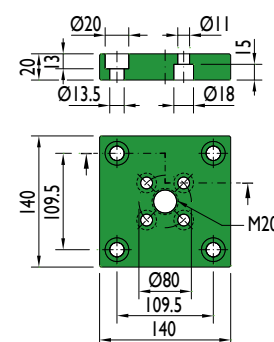
Mounting possibilities



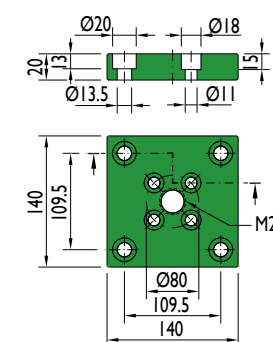
Flange must not support spring's force

Flanges

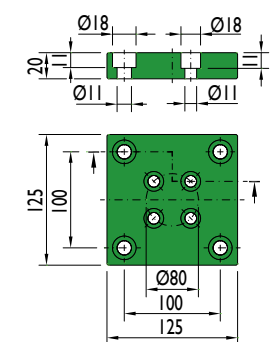
BFE-5000



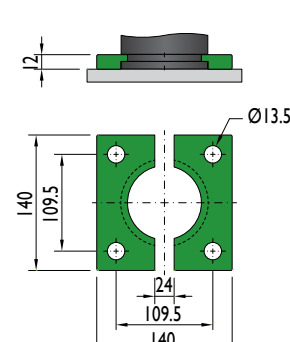
BFI-5000



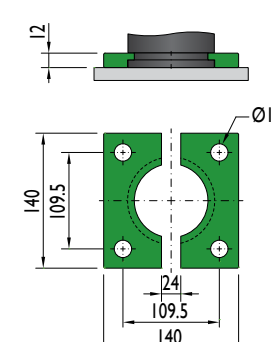
MC-6500



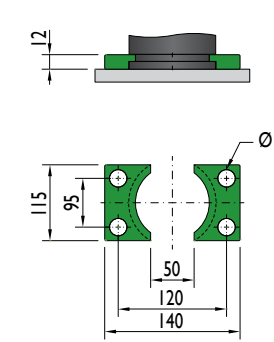
GR-5000



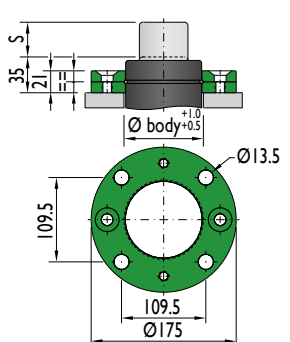
MT-6500



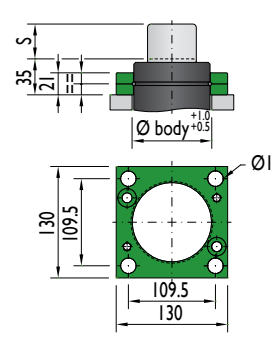
AR-5000



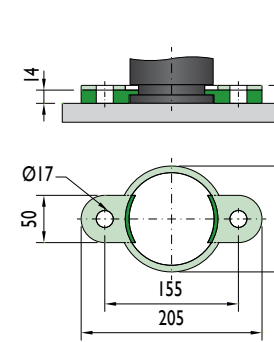
XS-5000



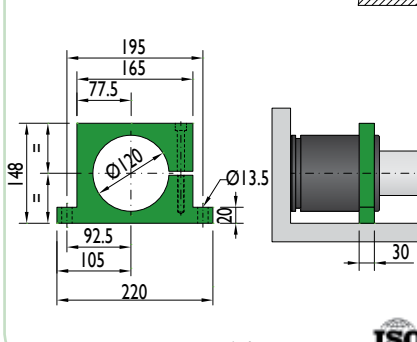
XC-5000



PR-5000

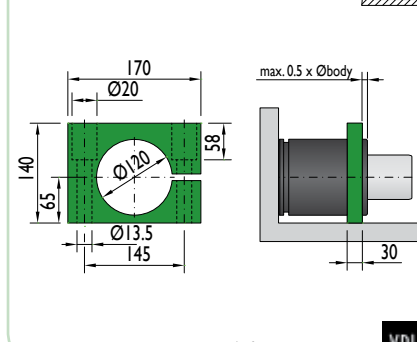


CS-5000



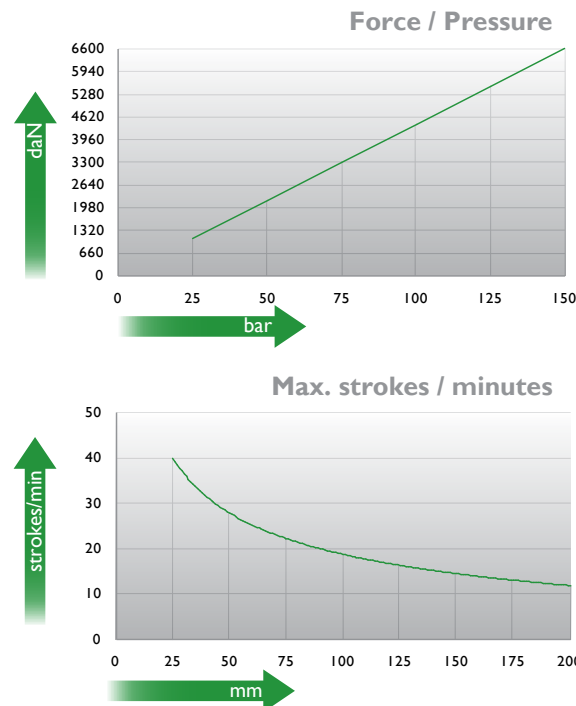
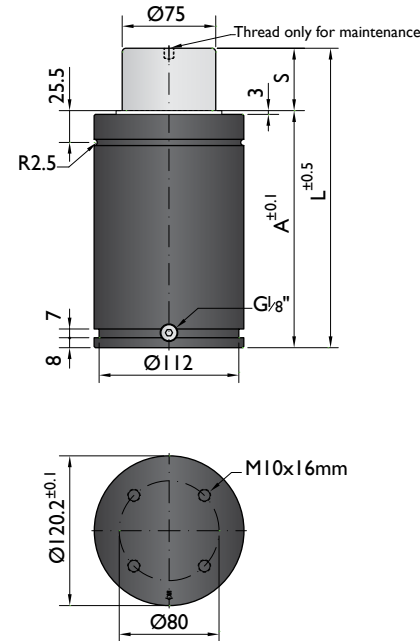
Flange must not support spring's force

CF-5000



Flange must not support spring's force

Special mounts available on
www.nitrogas.com



Ordering example: 4 x HD-6600-125

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 150 bar)	F daN	(3)	kg
HD-6600-25	25	190	165	6600	8100	No	13.35
HD-6600-38	38	216	178		8600	No	14.62
HD-6600-50	50	240	190		9000	No	16.55
HD-6600-63	63	266	203		9300	No	17.85
HD-6600-80	80	300	220		10000	No	18.63
HD-6600-100	100	340	240		10300	No	19.32
HD-6600-125	125	390	265		10600	No	19.95
HD-6600-160	160	460	300		10900	Yes	20.81
HD-6600-200	200	540	340		11200	Yes	21.55
HD-6600-250	250	640	390		11500	Yes	23.58
HD-6600-300	300	740	440		11800	Yes	25.61

other strokes ⁽¹⁾ under request

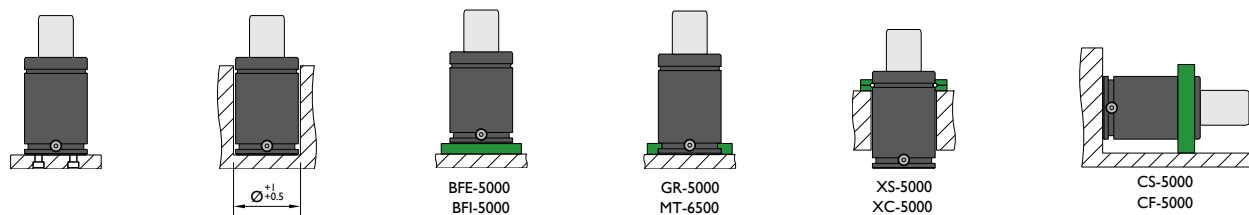
alternative forces ⁽²⁾ upon request

ESK available for other strokes ⁽³⁾



Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	150 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT HD-6600
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	G1/8"

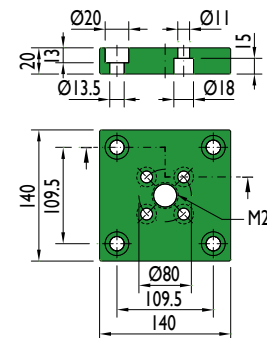
Mounting possibilities



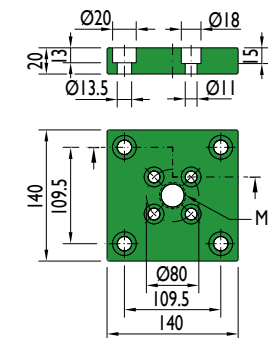
Flange must not support spring's force

Flanges

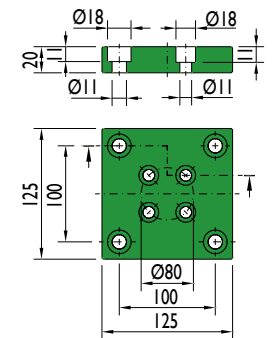
BFE-5000



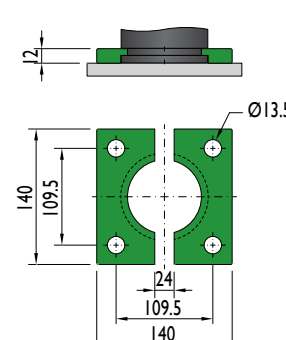
BFI-5000



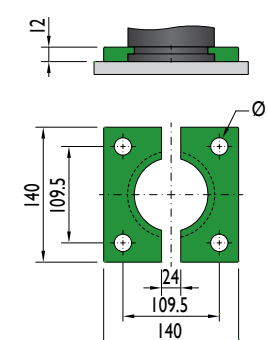
MC-6500



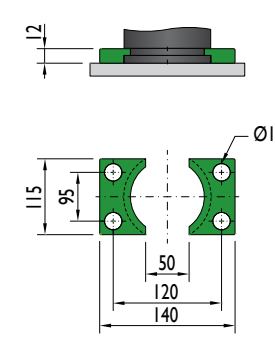
GR-5000



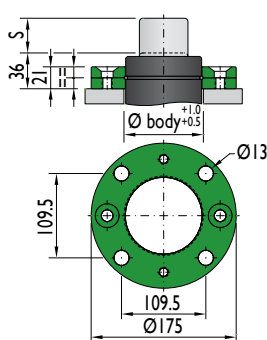
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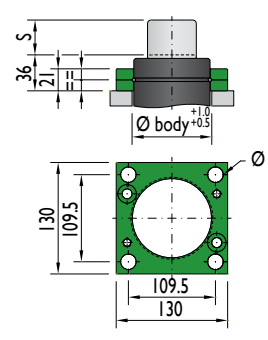
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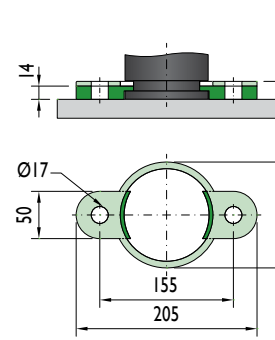
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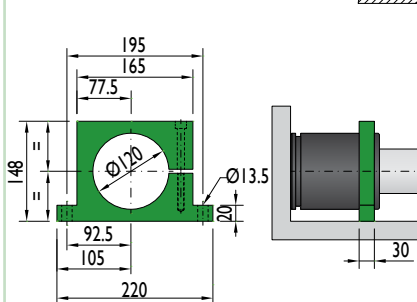
XC-5000



PR-5000

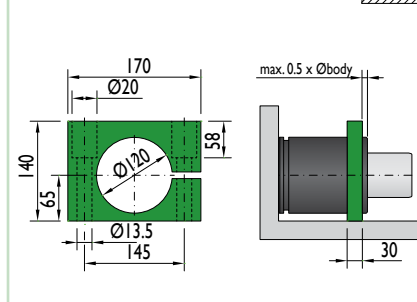


CS-5000



Flange must not support spring's force

CF-5000



Flange must not support spring's force