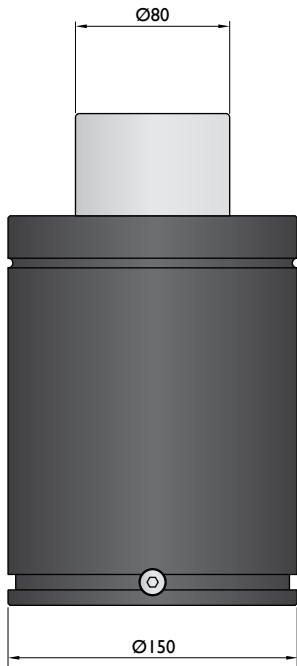
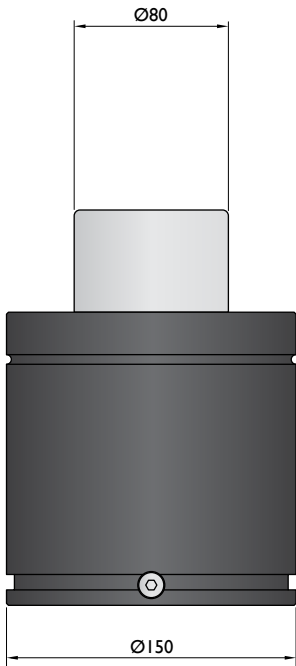
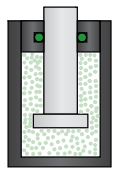


Force 7500 daN

Piston Rod Sealed
gas springs



Model	HG-7500	CN-7500
Initial F (daN)	7500	7500
L max (mm)	2xStroke+105	2xStroke+155
Stroke (mm)	25-200	25-300

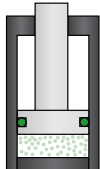
* other strokes under request

Standards

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

Force 7500 daN

Bore Sealed
gas springs

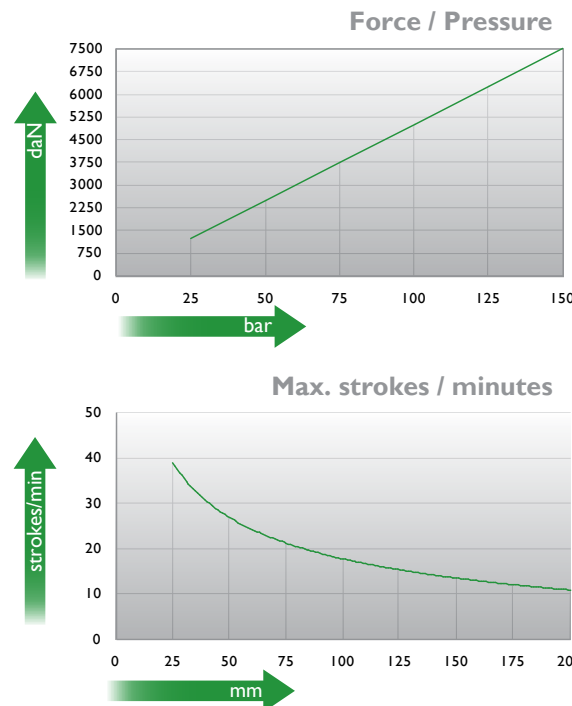
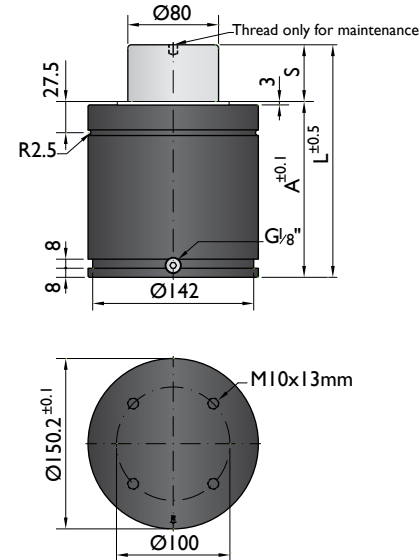


Model	TS-7500	TSC-7500
Initial F (daN)	7500	7500
L max (mm)	90-279	110-299
Stroke (mm)	10-65	10-65

* other strokes under request

Standards

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



Ordering example: 4 x HG-7500-125

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 150 bar)	F daN	⁽³⁾	kg
HG-7500-25	25	155	130	7500	9900	No	13.6
HG-7500-38	37.5	180	142.5		10400	No	14.5
HG-7500-50	50	205	155		10600	No	15.4
HG-7500-63	62.5	230	167.5		10800	No	16.3
HG-7500-80	80	265	185		11500	No	17.5
HG-7500-100	100	305	205		11200	No	18.9
HG-7500-125	125	355	230		11300	No	20.7
HG-7500-160	160	425	265		11400	No	23.2
HG-7500-200	200	505	305		11500	No	26.1

other strokes under request

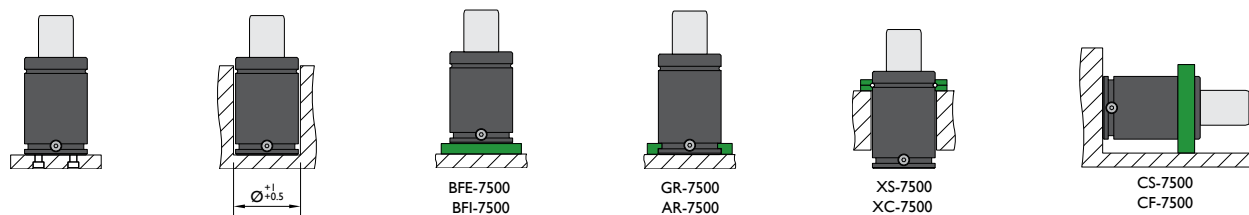
alternative forces upon request

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 HG-7500
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	G1/8"

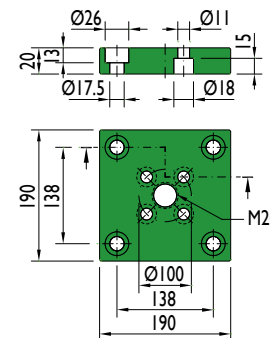
Mounting possibilities



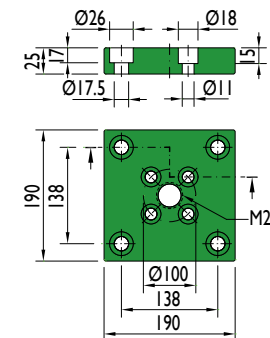
Flange must not support spring's force

Flanges

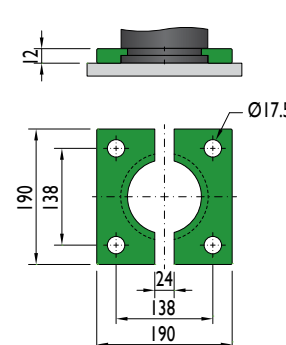
BFE-7500



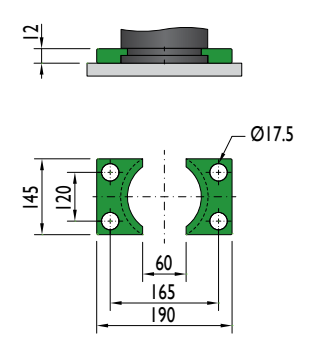
BFI-7500



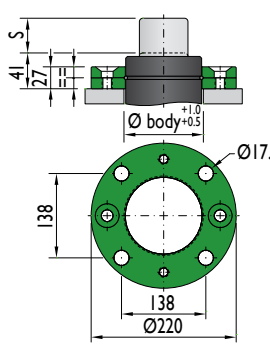
GR-7500



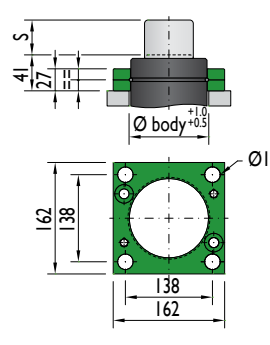
AR-7500



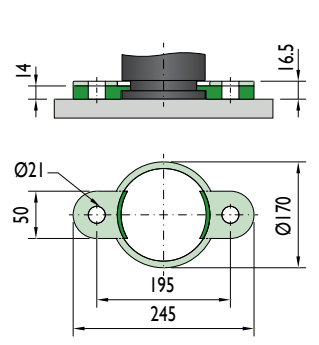
XS-7500



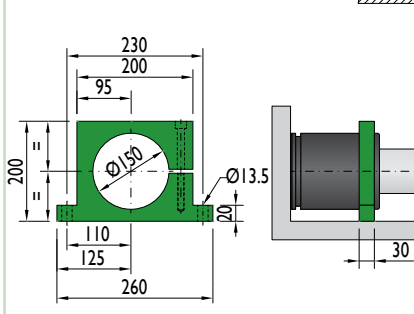
XC-7500



PR-7500



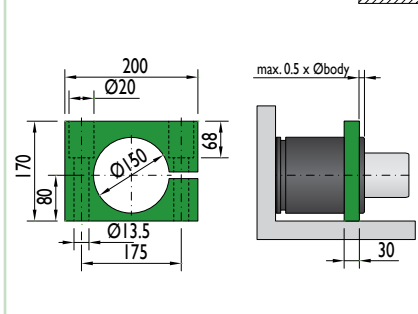
CS-7500



Flange must not support spring's force



CF-7500



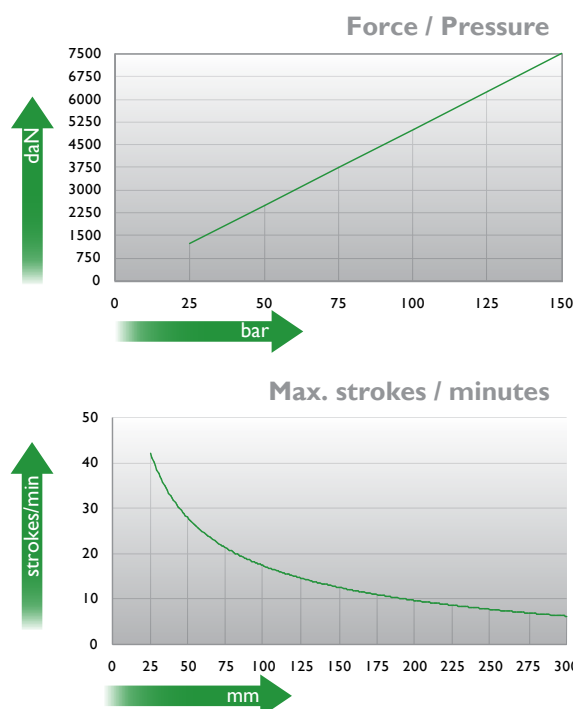
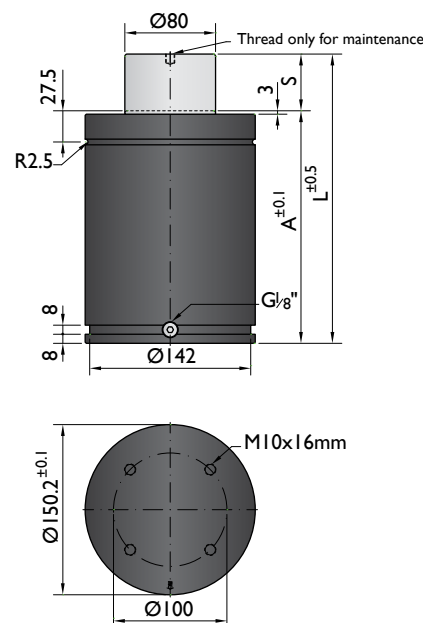
Flange must not support spring's force





CNOMO
EM24.54.700

PSA
E24.54.815.G



Ordering example: 4 x CN-7500-125

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 150 bar)	F daN	⁽³⁾	kg
CN-7500-25	25	205	180	7500	9000	No	18.06
CN-7500-38	38.1	231.2	193.1		9400	No	18.93
CN-7500-50	50	255	205		9700	No	20.30
CN-7500-63	63.5	282	218.5		9900	No	21.08
CN-7500-80	80	315	235		10100	No	22.21
CN-7500-100	100	355	255		10500	No	23.47
CN-7500-125	125	405	280		10700	No	24.96
CN-7500-160	160	475	315		10900	Yes	27.01
CN-7500-200	200	555	355		11100	Yes	29.81
CN-7500-250	250	655	405		11200	Yes	33.01
CN-7500-300	300	755	455		11300	Yes	36.11

⁽¹⁾ other strokes under request

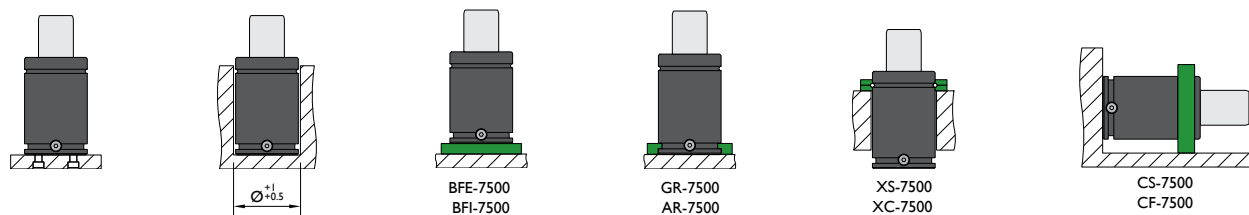
⁽²⁾ alternative forces upon request

⁽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 CN-7500
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	G1/8"

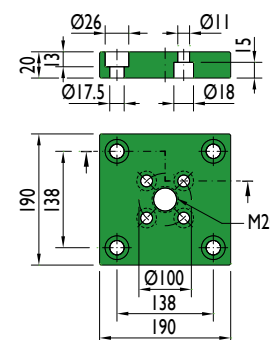
Mounting possibilities



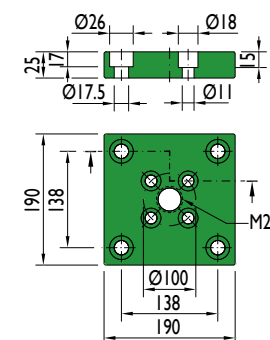
Flange must not support spring's force

Flanges

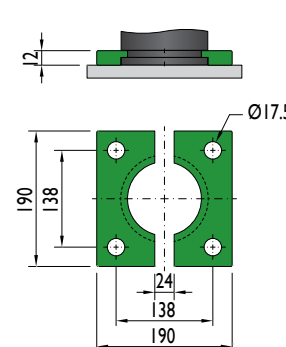
BFE-7500



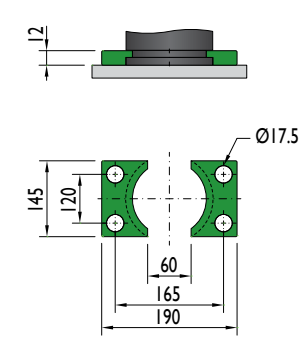
BFI-7500



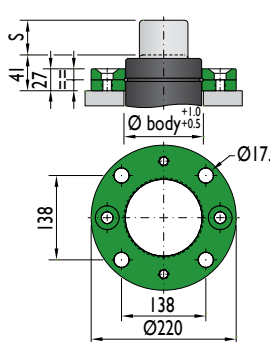
GR-7500



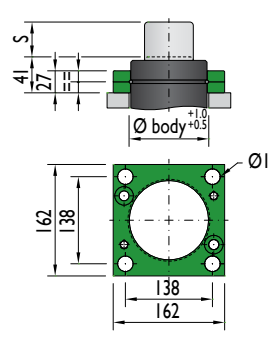
AR-7500



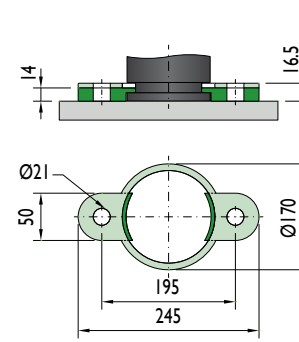
XS-7500



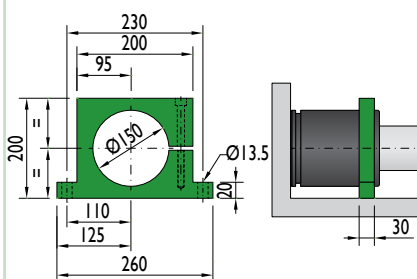
XC-7500



PR-7500

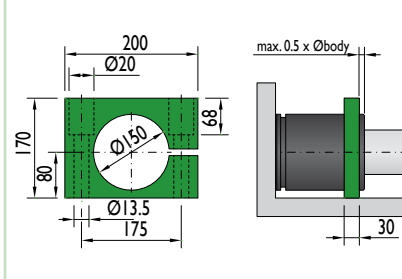


CS-7500



Flange must not support spring's force

CF-7500

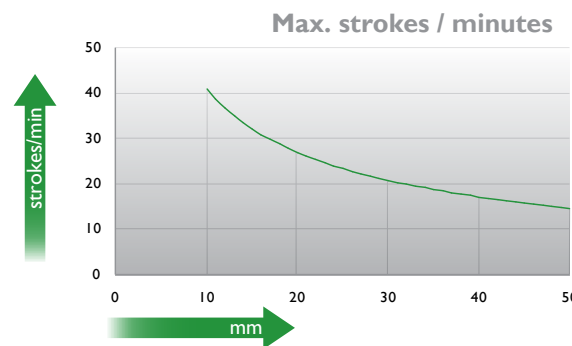
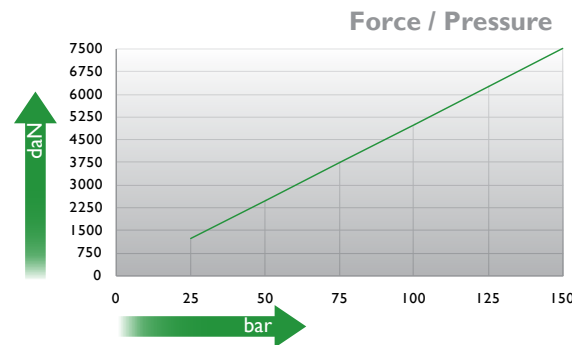
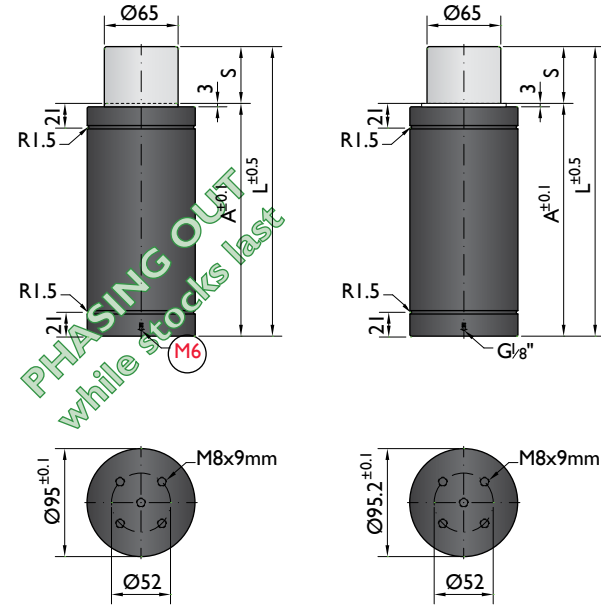


Flange must not support spring's force



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

NEW MODEL*



Ordering example: 4 x TS-7500-50

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 150 bar)	F daN	⁽³⁾ kg
TS-7500-10	10	90	80	7500	11100	2.52
TS-7500-16	16	116	100		9900	3.03
TS-7500-25	25	145	120		10400	3.83
TS-7500-32	32	182	150		10400	3.90
TS-7500-40	40	210	170		10400	4.03
TS-7500-50	50	255	205		10400	4.14
TS-7500-65	65	279	214		11000	4.33

other strokes ⁽¹⁾ under request

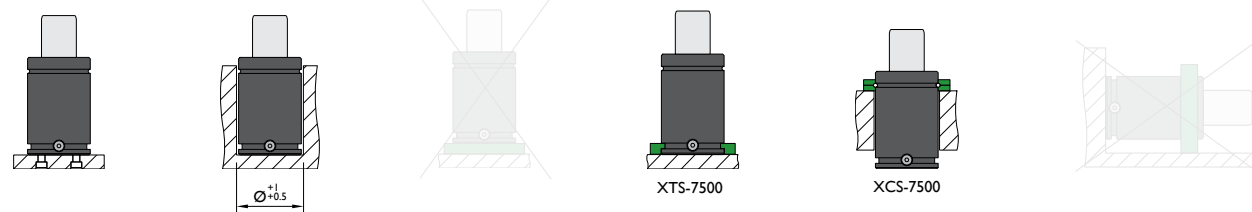
alternative forces upon request ⁽²⁾

ESK under request ⁽³⁾



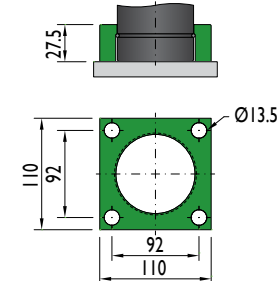
Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	150 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT TS-7500
Min. Charging pressure	25 bar	Max. working speed	0.5 m/s	Linkable	No

Mounting possibilities

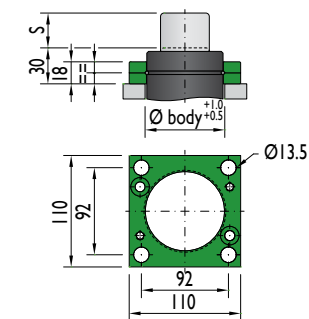


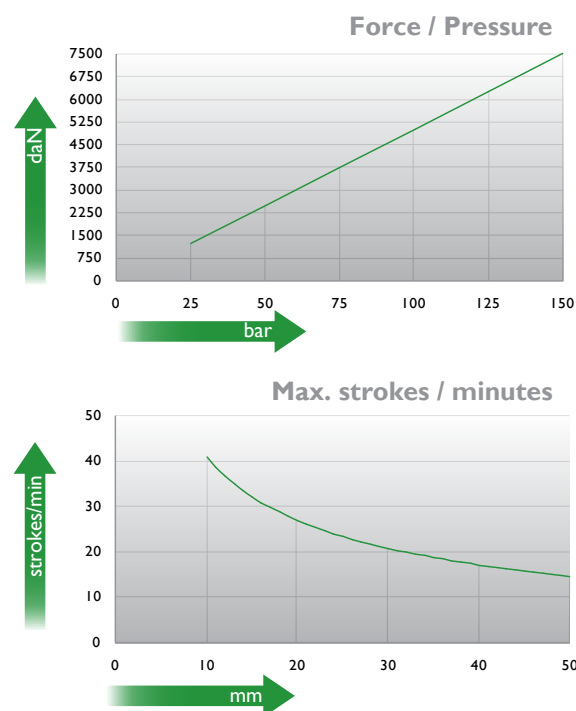
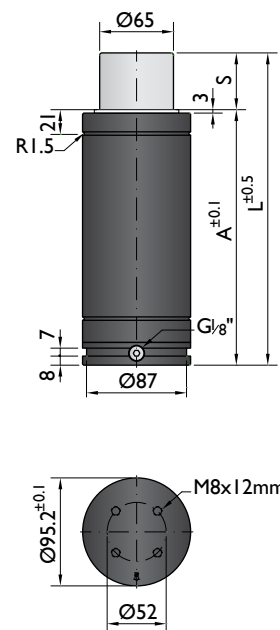
Flanges

XTS-7500

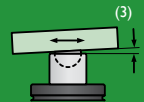


XCS-7500





Ordering example: 4 x TSC-7500-50

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN	F daN		kg
(20°C, 150 bar)							
TSC-7500-10	10	110	100	7500	11100	No	3.47
TSC-7500-16	16	136	120		9900	No	3.98
TSC-7500-25	25	165	140		10400	No	4.78
TSC-7500-32	32	202	170		10400	No	4.85
TSC-7500-40	40	230	190		10400	No	4.98
TSC-7500-50	50	275	225		10400	No	5.09
TSC-7500-65	65	299	234		11000	No	5.28

⁽¹⁾ other strokes under request

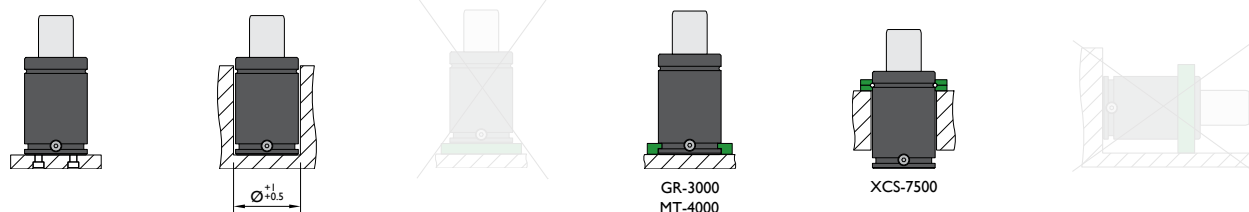
⁽²⁾ alternative forces upon request

⁽³⁾ ESK under request



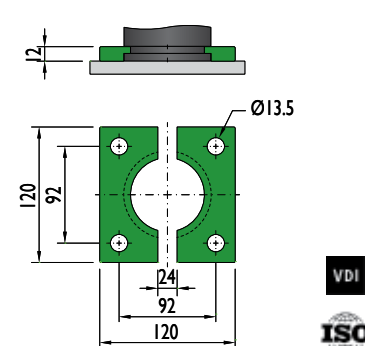
Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	150 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT TSC-7500
Min. Charging pressure	25 bar	Max. working speed	0.5 m/s	Linkable	G1/8"

Mounting possibilities

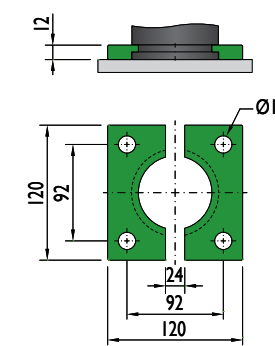


Flanges

GR-3000



MT-4000



XCS-7500

