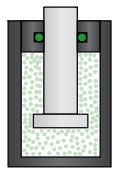


Force 150 - 200 daN

Piston Rod Sealed
gas springs

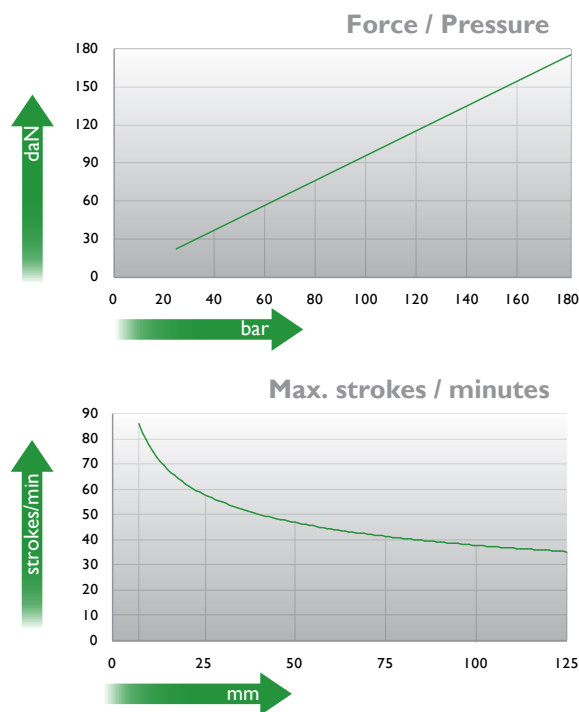
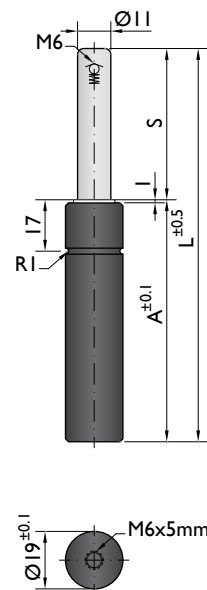


Model	KP-170	K-200	R-200	CN-150	G-200
Initial F (daN)	170	50-200	50-200	150	50-200
L max (mm)	2xStroke+30	2xStroke+32	2xStroke+42	2xStroke+50	2xStroke+54
Stroke (mm)	7-125	7-125	10-125	10-125	12-125

* 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



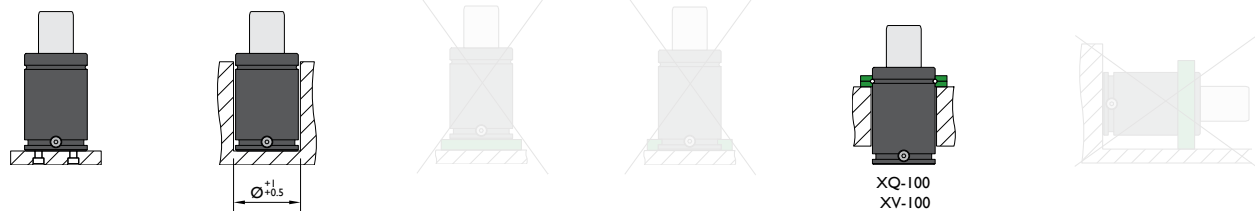
Ordering example: 4 x KP-170-125

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN	F daN		kg
				(20°C, 180 bar)			
KP-170-7	7	44	37	170	310	No	0.05
KP-170-10	10	50	40		320	No	0.07
KP-170-15	15	60	45		320	No	0.07
KP-170-19	19	68	49		325	No	0.07
KP-170-25	25	80	55		330	No	0.09
KP-170-38	38	106	68		330	No	0.10
KP-170-50	50	130	80		330	No	0.12
KP-170-63	63	156	93		330	No	0.14
KP-170-75	75	185	110		320	No	0.15
KP-170-80	80	195	115		325	No	0.17
KP-170-100	100	235	135		325	No	0.20
KP-170-125	125	285	160		330	No	0.23
(1) other strokes under request				(2) alternative forces upon request			

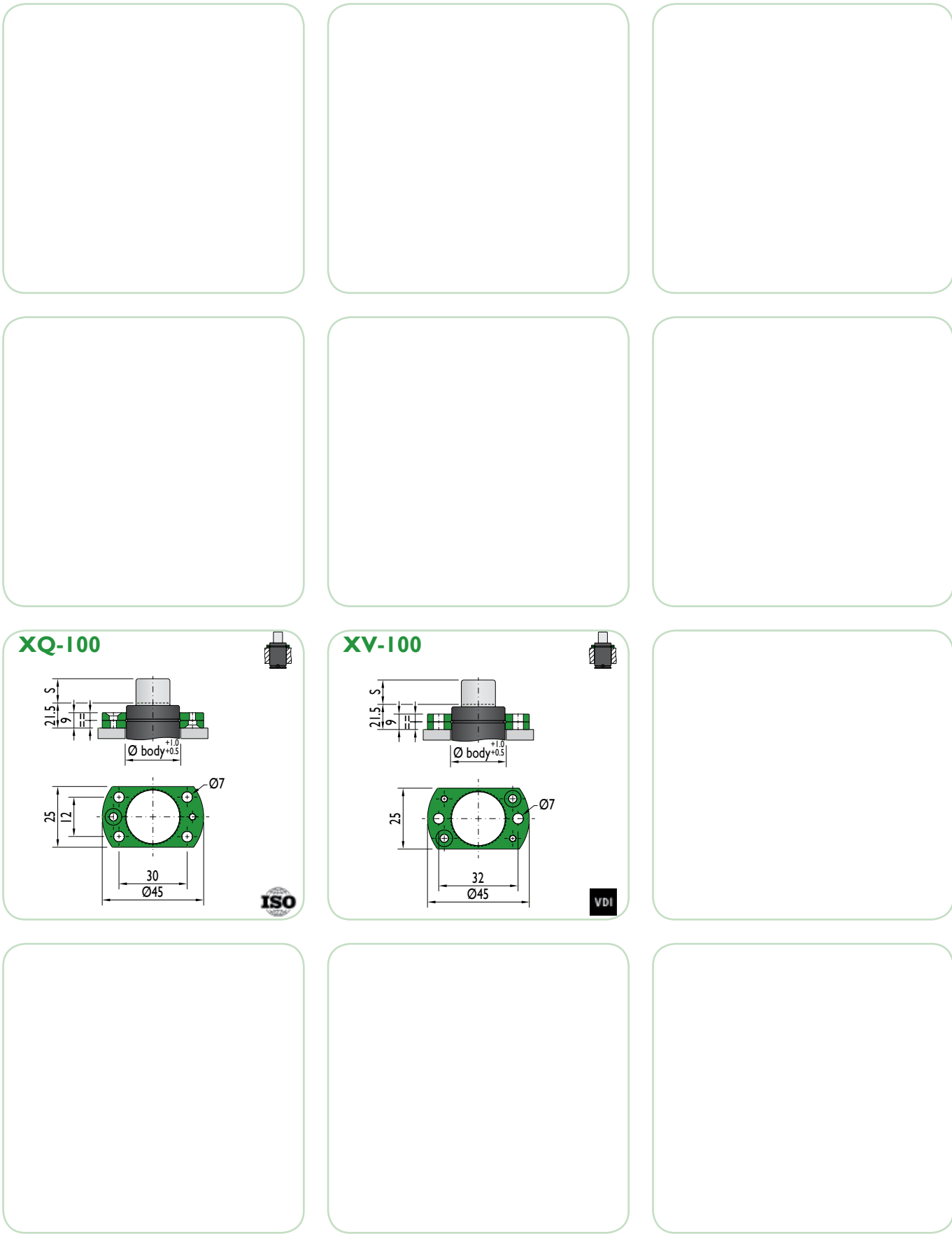


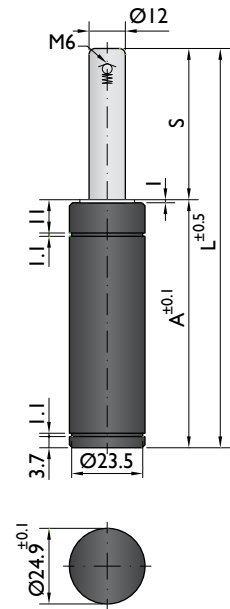
Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	180 bar	Temperature related force increase	+0.34%/°C	Repair Kit	Non-repairable
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	No

Mounting possibilities



Flanges



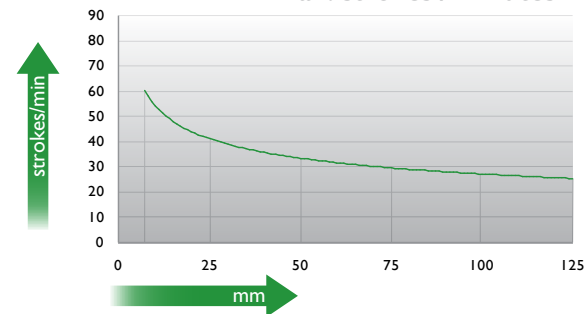


Force / Pressure

		daN	bar (20°C)
V	GREEN	50	45
Z	BLUE	100	90
R	RED	150	135
A	YELLOW	200	180

* maximum force if not specified

Max. strokes / minutes



Ordering example: 4 x K-200-125 V

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 180 bar)	F daN		kg
K-200-7	7	46	39	200	300	No	0.11
K-200-12	12	56	44		300	No	0.12
K-200-16	16	64	48		300	No	0.13
K-200-25	25	82	57		310	No	0.15
K-200-38	38	108	70		310	No	0.18
K-200-50	50	132	82		310	No	0.21
K-200-63	63	158	95		310	No	0.24
K-200-80	80	192	112		310	No	0.28
K-200-100	100	232	132		310	No	0.30
K-200-125	125	282	157		310	No	0.33

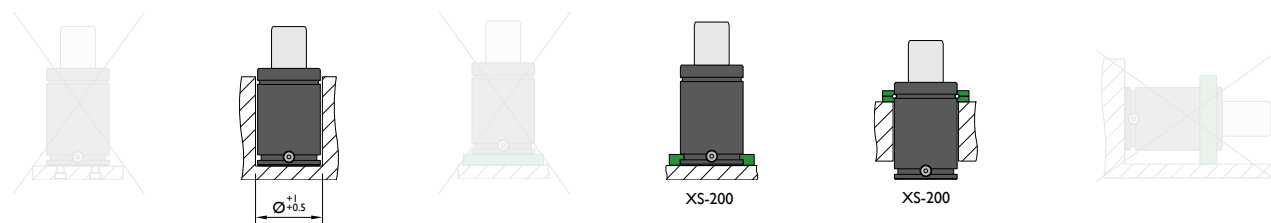
⁽¹⁾ other strokes under request

⁽²⁾ alternative forces upon request



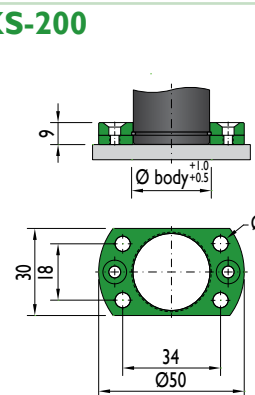
Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	180 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT K-200
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	No

Mounting possibilities

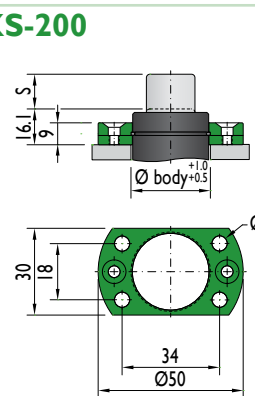


Flanges

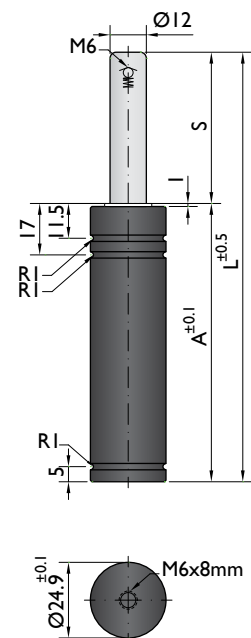
XS-200



XS-200



Special mounts available on
www.nitrogas.com

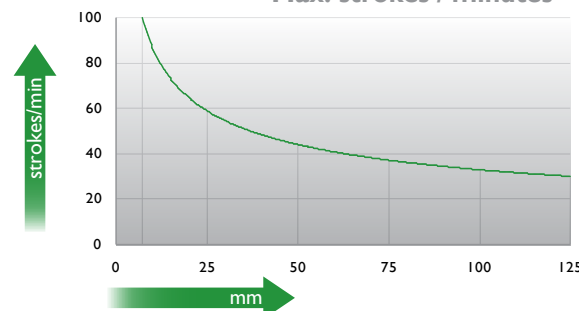


Force / Pressure

		daN	bar (20°C)
V	GREEN	50	45
Z	BLUE	100	90
R	RED	150	135
A	YELLOW	200	180

* maximum force if not specified

Max. strokes / minutes



Ordering example: 4 x R-200-125 V

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 180 bar)	F daN	kg
R-200-10	10	62	52		260	0.14
R-200-13	12.7	67.4	54.7		260	0.15
R-200-15	15	72	57		260	0.15
R-200-16	16	74	58		260	0.16
R-200-25	25	92	67		270	0.17
R-200-38	38.1	118.2	80.1	200	280	0.20
R-200-50	50	142	92		280	0.22
R-200-63	63.5	172	108.5		290	0.25
R-200-80	80	205	125		290	0.28
R-200-100	100	245	145		290	0.32
R-200-125	125	295	170		290	0.37

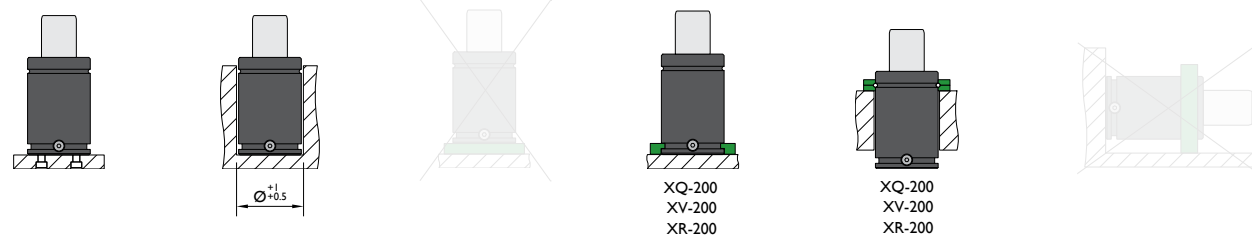
⁽¹⁾ other strokes under request

⁽²⁾ alternative forces upon request



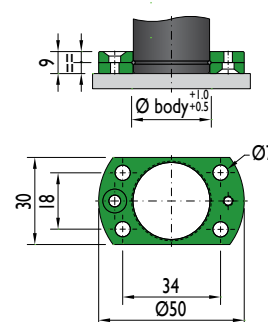
Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	180 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT R-200
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	No

Mounting possibilities

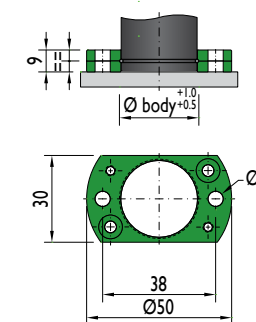


Flanges

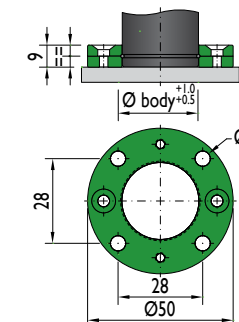
XQ-200



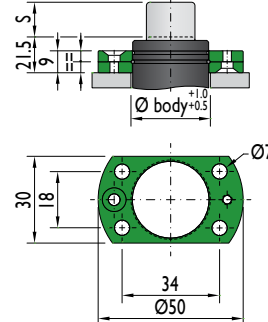
XV-200



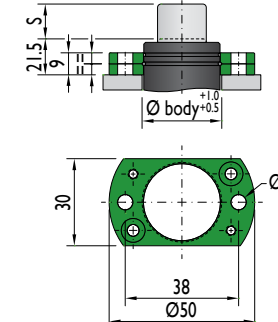
XR-200



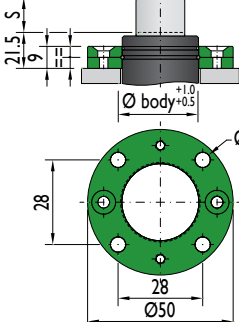
XQ-200



XV-200



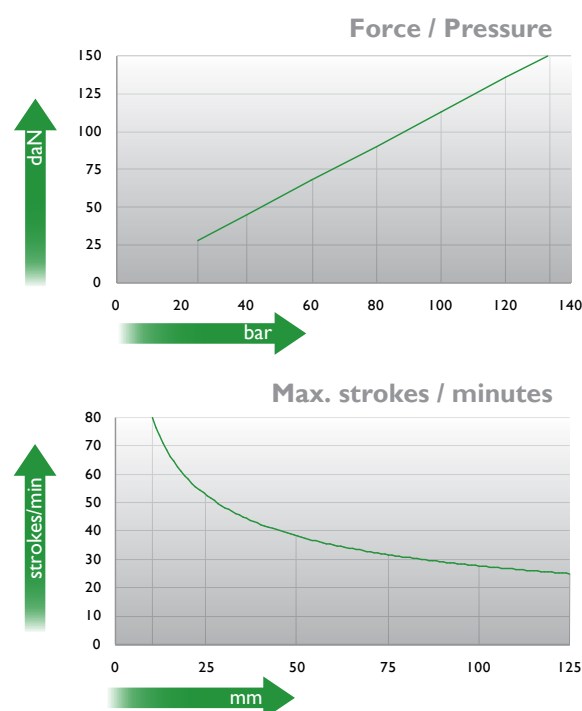
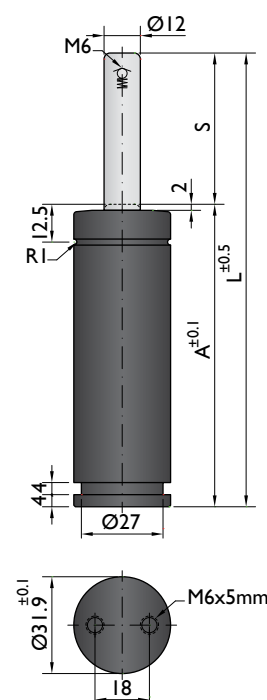
XR-200





CNOMO
EM24.54.700

PSA
E24.54.815.G



Ordering example: 4 x CN-150-125

Order No.	S ⁽¹⁾ mm	L mm	A mm	F ₀ ⁽²⁾ daN (20°C, 135 bar)	F daN	kg
CN-150-10	10	70	60	170	No	0.27
CN-150-13	12.7	75.4	62.7	180	No	0.28
CN-150-16	16	82	66	180	No	0.29
CN-150-25	25	100	75	180	No	0.33
CN-150-38	38.1	126.2	88.1	180	No	0.38
CN-150-50	50	150	100	190	No	0.43
CN-150-63	63.5	177	113.5	200	No	0.48
CN-150-80	80	210	130	200	No	0.56
CN-150-100	100	250	150	200	No	0.64
CN-150-125	125	300	175	200	No	0.73

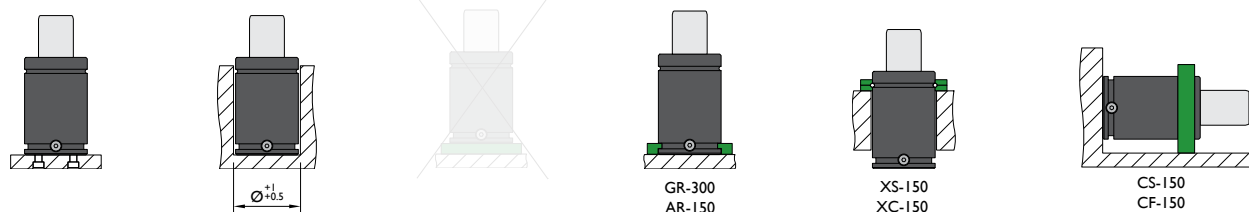
⁽¹⁾ other strokes under request

⁽²⁾ alternative forces upon request



Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	135 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT CN-150
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	No

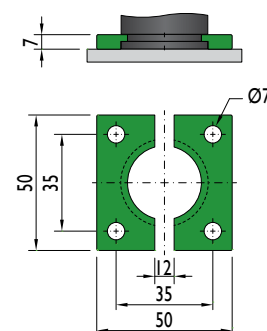
Mounting possibilities



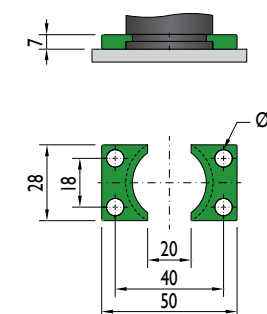
Flange must not support spring's force

Flanges

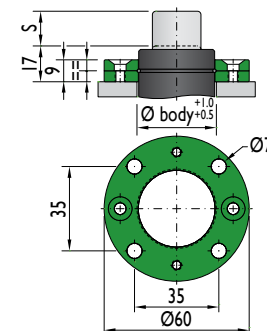
GR-300



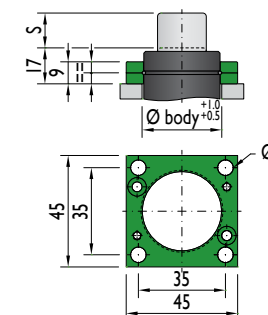
AR-150



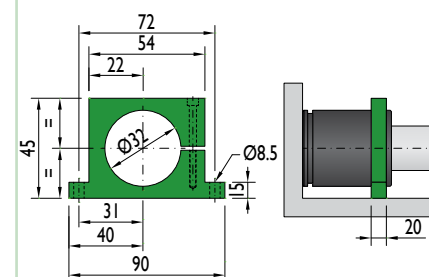
XS-150



XC-150

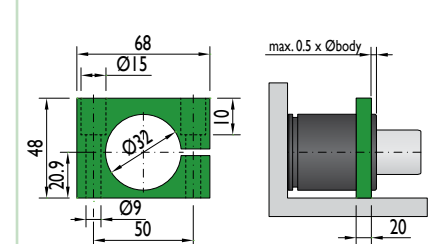


CS-150



Flange must not support spring's force

CF-150



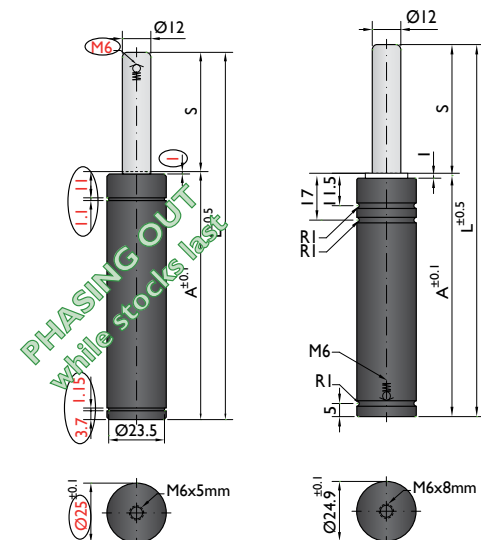
Flange must not support spring's force





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

NEW MODEL*

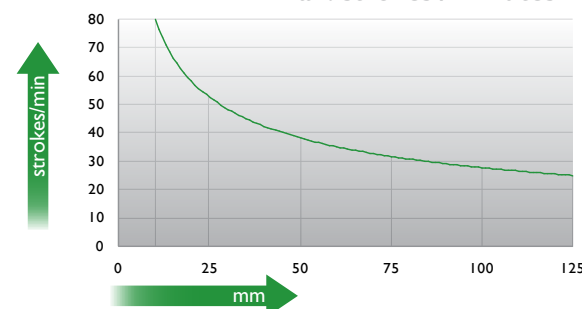


Force / Pressure

		daN	bar (20°C)
V	GREEN	50	45
Z	BLUE	100	90
R	RED	150	135
A	YELLOW	200	180

* maximum force if not specified

Max. strokes / minutes



Ordering example: 4 x G-200-80 Z

Order No.	S mm	L mm	A mm	 F ₀ ⁽²⁾ daN	 F daN		kg
(20°C, 180 bar)							
G-200-12	12	78	66	200	230	No	0.16
G-200-25	25	104	79		250	No	0.19
G-200-38	38	130	92		260	No	0.22
G-200-50	50	154	104		270	No	0.25
G-200-63	63	180	117		290	No	0.29
G-200-80	80	214	134		290	No	0.33
G-200-100 (*)	100	254	154		310	No	0.36
G-200-125 (*)	125	304	179		310	No	0.42

(i)
other strokes under request

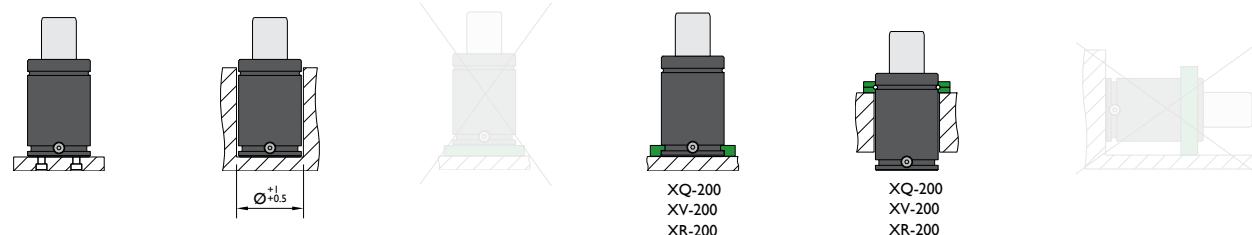
(2)
alternative forces upon request

* New version lenght



Pressure medium	N ₂	Working temperature	0-80°C	Min. security stroke	10%
Max. Charging pressure	180 bar	Temperature related force increase	+0.34%/°C	Repair Kit	KIT G-200
Min. Charging pressure	25 bar	Max. working speed	1.6 m/s	Linkable	No

Mounting possibilities



Flanges

