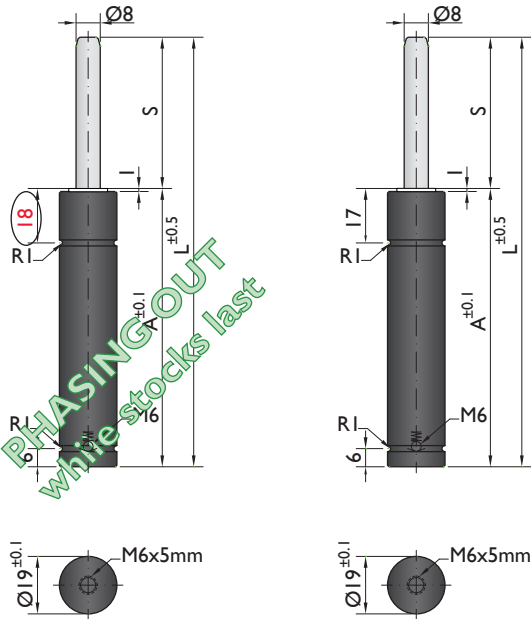




\*The new cylinder will be supplied when the stock runs out.

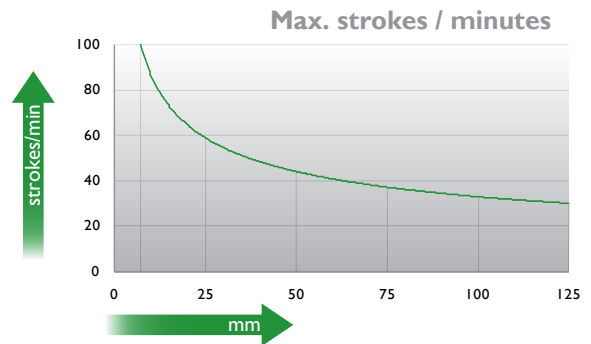
### NEW MODEL\*



### Force / Pressure

		daN	bar (20°C)
V	GREEN	30	60
Z	BLUE	50	100
R	RED	70	140
A	YELLOW	90	180

\* maximum force if not specified



Ordering example: 4 x R-100-100 V

Order No.	S <sup>(1)</sup> mm	L mm	A mm	F <sub>0</sub> <sup>(2)</sup> daN	F daN	kg
R-100-7	7	56	49	90 (20°C, 180 bar)	130	0.07
R-100-10	10	62	52		120	0.08
R-100-15	15	72	57		120	0.08
R-100-25	25	92	67		120	0.08
R-100-38	38.1	118.2	80.1		120	0.10
R-100-50	50	142	92		120	0.12
R-100-63	63.5	172	108.5		120	0.13
R-100-80	80	205	125		120	0.14
R-100-100	100	245	145		120	0.17
R-100-125	125	295	170		120	0.20

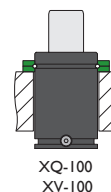
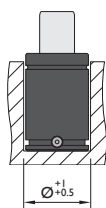
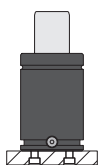
<sup>(1)</sup> other strokes under request

<sup>(2)</sup> alternative forces upon request



Pressure medium	N <sub>2</sub>	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



**XQ-100**

Technical drawing of the XQ-100 flange. The side view shows a total height of 21.5 mm, a top flange thickness of 9 mm, and a body diameter of  $\text{Ø body} + 0.5$ . The top view shows an outer diameter of  $\text{Ø}45$ , an inner diameter of 30 mm, a hole diameter of  $\text{Ø}7$ , and a distance of 12 mm from the center to the hole edge. The ISO logo is present in the bottom right corner.

**XV-100**

Technical drawing of the XV-100 flange. The side view shows a total height of 21.5 mm, a top flange thickness of 9 mm, and a body diameter of  $\text{Ø body} + 0.5$ . The top view shows an outer diameter of  $\text{Ø}45$ , an inner diameter of 32 mm, and a hole diameter of  $\text{Ø}7$ . The VDI logo is present in the bottom right corner.

