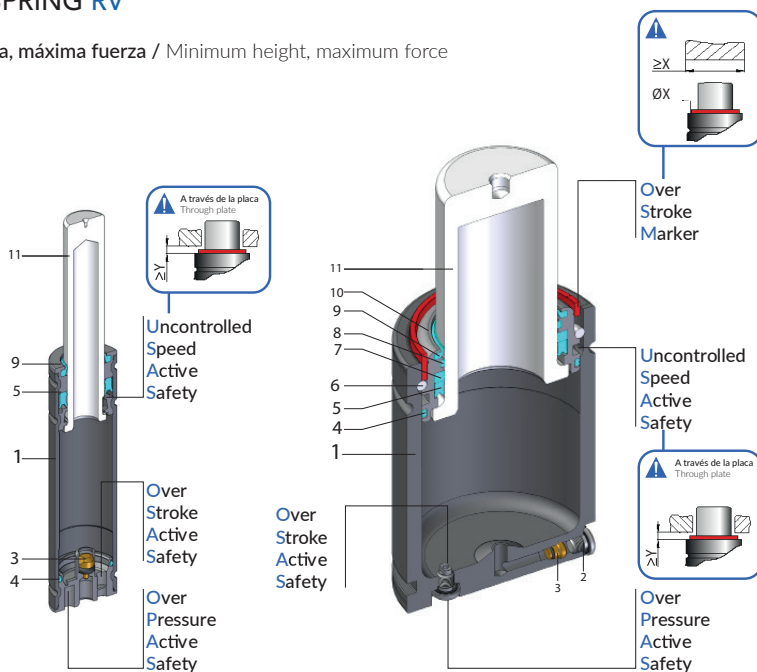


## CILINDRO RV GAS SPRING RV

Mínima altura, máxima fuerza / Minimum height, maximum force



RV 170 - RV 320

RV 350 ÷ RV 20000

Standard: ISO, VDI

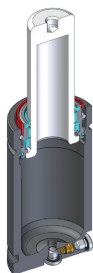
Model	Body $\varnothing$	Stroke Cu	Initial force F0	OSAS	USAS	OPAS	SKUDO	SW (optional)
	mm	mm	daN					
RV 170	19	7 - 125	170	•	•	•	-	•
RV 320	25	7 - 125	320	•	•	•	-	•
RV350	32	10 - 125	360	•	•	•	-	•
RV 500	38	10 - 125	470	•	•	•	-	•
RV 750	45	10 - 125	740	•	•	•	-	•
RV 1000	50	10 - 125	920	•	•	•	-	•
RV 1200	50	10 - 125	1060	•	•	•	-	•
RV 1500	63	10 - 125	1530	•	•	•	-	•
RV 2400	75	10 - 125	2385	•	•	•	-	•
RV 4200	95	16 - 125	4240	•	•	•	-	•
RV 6600	120	16 - 125	6630	•	•	•	-	•
RV 9500	150	19 - 125	9540	•	•	•	-	•
RV 12000	150	19 - 125	11780	•	•	•	-	•
RV 20000	195	19 - 125	19910	•	•	•	-	•

1	Cuerpo / Body
2	Válvula / Valve
3	Tapón / Plug
4	Anillo dual / Dual ring seal
5	Casquillo guía / Guide ring
6	Anillo de retención / Retaining ring

7	Retén / Rod seal
8	Anillo antiextrusión / Back-up ring
9	Rascador / Rod wiper
10	Casquillo / Bush
11	Vástago (niturado) / Rod (nitrited super finished)

CILINDRO RV  
GAS SPRING RV

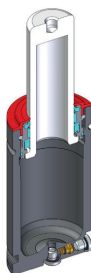
Versiones disponibles / Available versions



Standard code



GAS SPRING



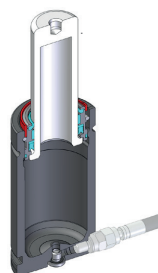
Standard code + W



GAS SPRING  
+  
Secondary wiper



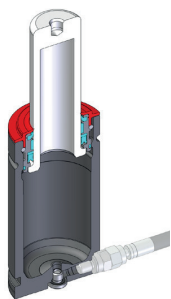
See p. Ct163



Standard code + N



Linkable  
See p. Ct157



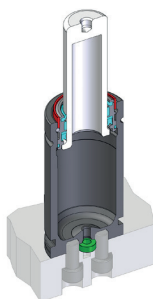
Standard code + N-W



Linkable  
+  
Secondary wiper



See p. Ct157 + Ct163



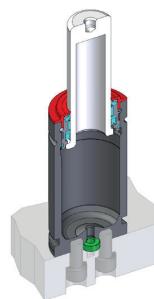
Standard code + E




Easy Manifold



See p. Ct158



# CILINDRO RV 170 GAS SPRING RV 170

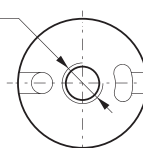



SW

Active safety


\*  $F_{1_i}$  = Isothermal end force at 100% Cu

\*  $F_{1_p}$  = Polytrophic end force at 100% Cu






OSAS




USAS

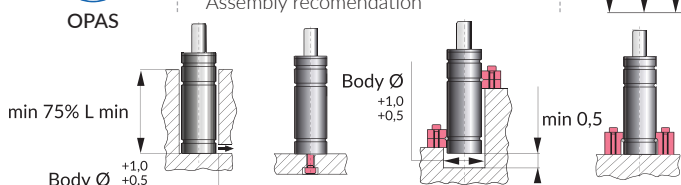


OPAS

Linkable with hoses



Assembly recommendation

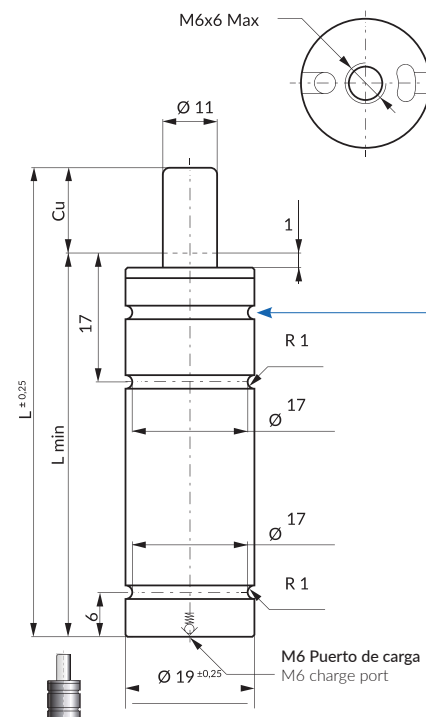


min 75% L min

Body  $\varnothing$  +1.0 / +0.5

Drop-in    Bottom mount    FC 19B / FCC 19A    FS3 19

See p. Ct147    See p. Ct146



M6 Puerto de carga  
M6 charge port

Ø 11

1

R 1

Ø 17

Ø 17

R 1

Ø 19<sup>+0.25</sup>


6

L = 0.25

17

L min



Cu



Not for mounting

Standard: ISO 11901-3, VDI 3003-Blatt 3

		$\Delta P$	P max	P min	S	SPM	Max Speed	Maintenance kit
N <sub>2</sub>	0 - 80°C	$\pm 0,33\% / ^\circ C$	180 bar	20 bar	0,95 cm <sup>2</sup>	~40 -100 (at 20°)	1,8 m/s	Not available

Code	Cu	L	L min	F0 Initial force daN	F <sub>1<sub>i</sub></sub>	F <sub>1<sub>p</sub></sub>	V0		
	mm	mm	mm		daN	daN			
RV 170-007	7	44	37	170 ± 5% 180bar +20°C	274	320	2	0,06	•
RV 170-010	10	50	40		285	337	3	0,06	•
RV 170-013	13	56	43		292	348	4	0,07	•
RV 170-015	15	60	45		296	353	4	0,07	•
RV 170-019	19	68	49		301	361	5	0,07	•
RV 170-025	25	80	55		306	369	7	0,08	•
RV 170-032	32	94	62		310	374	8	0,09	•
RV 170-038	38	106	68		312	378	10	0,09	•
RV 170-050	50	130	80		315	382	13	0,11	•
RV 170-063	63	156	93		317	385	16	0,12	•
RV 170-075	75	185	110		318	387	19	0,14	•
RV 170-080	80	195	115		319	388	21	0,14	•
RV 170-100	100	235	135		320	390	25	0,16	•
RV 170-125	125	285	160		321	391	31	0,19	•

How to order: Code