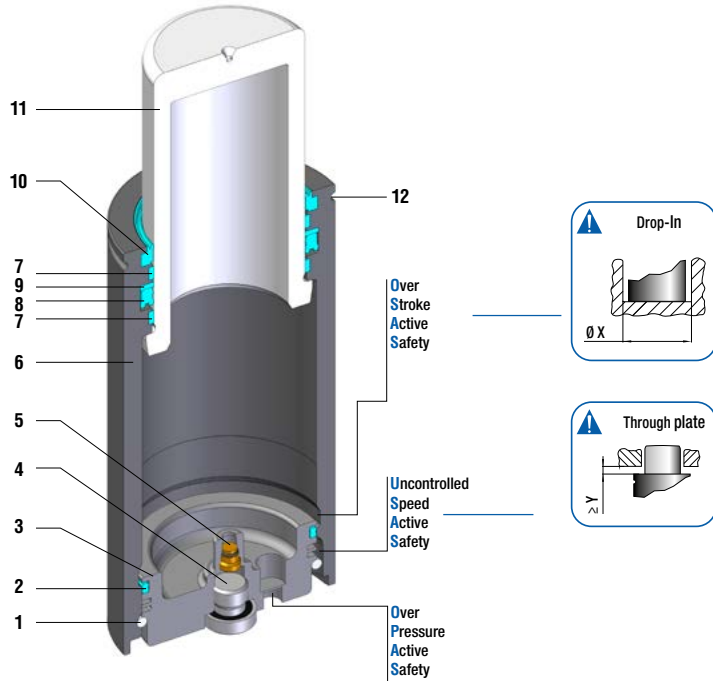


**CILINDRO ML**  
**GAS SPRING ML**  
**RESSORT À GAZ ML**

STOCK



Model	Body Ø	Stroke Cu	Initial force F0	OSAS	USAS	OPAS	SKUDO	SW (optional)
	mm	mm	daN					
ML 300	25	10 - 80	310	•	•	-	-	•
ML 500	32	10 - 80	510	•	•	-	-	•
ML 100	38	10 - 80	980	•	•	•	-	•
ML 1800	50	15 - 80	1925	•	•	•	-	•
ML 3000	63	15 - 80	3180	•	•	•	-	•
ML 4700	75	15 - 80	4925	•	•	•	-	•

1	Anillo de retención / Retaining ring / Bague de retenue
2	Anillo dual / Dual ring seal / Bague à double joints
3	Base inferior / Bottom base / Base inférieure
4	Tapón / Plug / Bouchon
5	Válvula / Valve / Valve
6	Cuerpo / Body / Corp
7	Anillo guía / Guide ring / Bague de guidage
8	Anillo de retención / Retaining ring / Bague de retenue
9	Anillo antiextrusión / Back-up ring / Bague de secours
10	Rascador / Rod wiper / Racleur de tige
11	Vástago (nitruado) / Rod (nitrited super finished) / Tige (nitrité super fini)
12	Ranura para el rascador secundario / Groove for secondary wiper / Rainure pour racleur secondaire

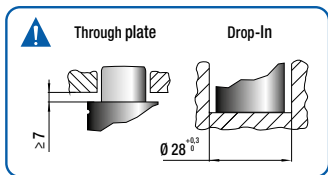
**CILINDRO ML 300**  
**GAS SPRING ML 300**  
**RESSORT À GAZ ML 300**



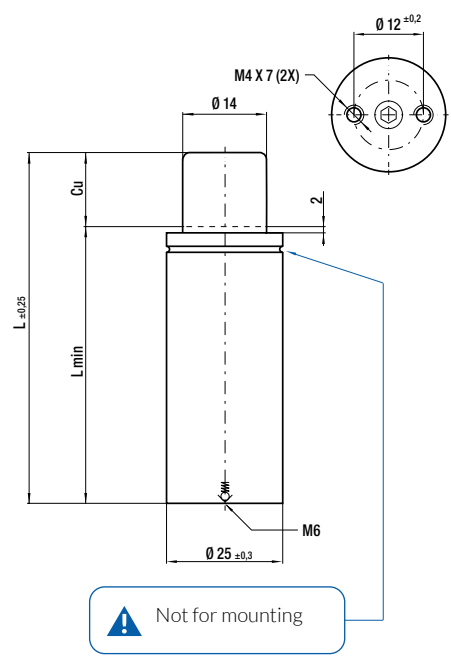
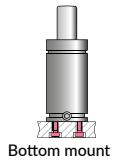
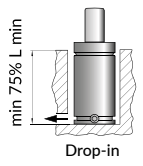
Active safety



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



Assembly recommendation



		$\Delta P$ ± 0,33 % / °C	P max 200 bar	P min 20 bar	S 1,54 cm <sup>2</sup>	SPM ~40 -80 (at 20°)	Max Speed 1,6 m/s	Maintenance kit Disposable
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Code	Cu	L	L min	F0 Initial force	F <sub>1<sub>i</sub></sub> End force*	F <sub>1<sub>p</sub></sub> End force*	V0		
	mm	mm	mm	daN	daN	daN	cm <sup>3</sup>		
ML 300 010	10	75	65	310 ± 5%	430	484	6,8	0,17	•
ML 300 015	15	85	70		467	534	8,5	0,18	•
ML 300 025	25	105	80		518	605	11,8	0,21	•
ML 300 038	38	130	92	200 bar	566	674	15,7	0,24	•
ML 300 050	50	155	105		583	698	20	0,27	•
ML 300 063	63	185	122		580	693	25,3	0,31	•
ML 300 080	80	220	140	+20°C	595	715	31,2	0,35	•

How to order: Code