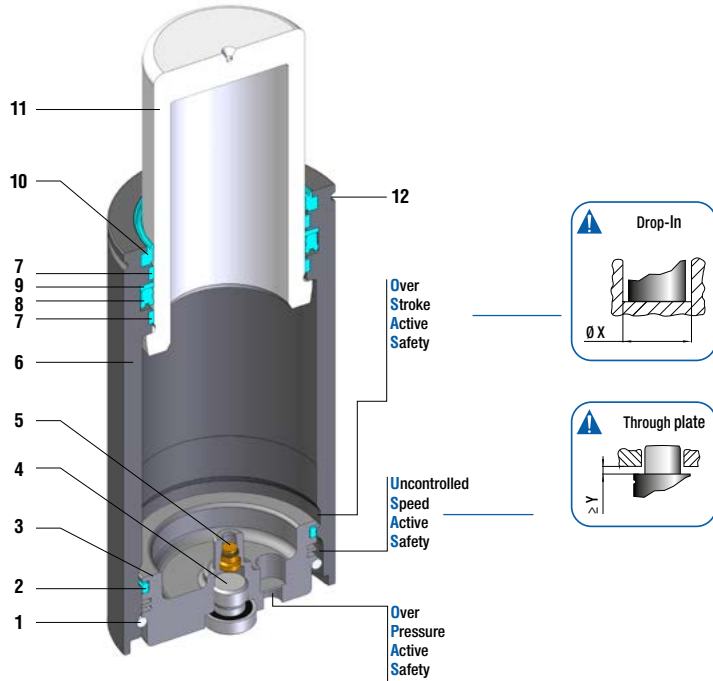


**CILINDRO ML**  
**GAS SPRING ML**  
**RESSORT À GAZ ML**

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 500**  
**GAS SPRING ML 500**  
**RESSORT À GAZ ML 500**

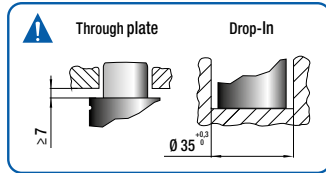


Active safety

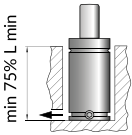
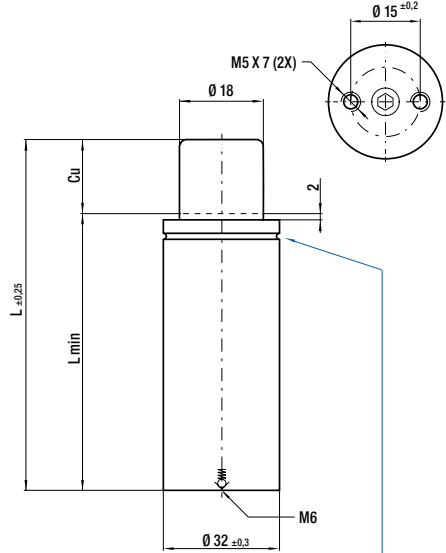


\*  $F_{1_i}$  =  
 Isothermal end  
 force at 100% Cu

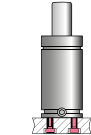
\*  $F_{1_p}$  =  
 Polytrophic end  
 force at 100% Cu



Assembly recommendation



Drop-in



Bottom mount

		$\Delta P$	P max	P min	S	SPM	Max Speed	Maintenance kit
N <sub>2</sub>	0 - 80°C	$\pm 0,33\% / ^\circ C$	200 bar	20 bar	2,54 cm <sup>2</sup>	-40 - 80 (at 20°)	1,6 m/s	Disposable

Code	Cu	L	L min	FO Initial force daN	$F_{1_i}$ End force* daN	$F_{1_p}$ End force* daN	V0		PED
	mm	mm	mm						
ML 500 010	10	75	65	510 ± 5%	718	809	11	0,28	•
ML 500 015	15	85	70		775	887	13,9	0,30	•
ML 500 025	25	105	80	849	990	19,7	0,34	•	
ML 500 038	38	130	92	917	1087	26,7	0,39	•	
ML 500 050	50	155	105	937	1116	34,1	0,43	•	
ML 500 063	63	185	127	892	1052	46	0,51	•	
ML 500 080	80	225	145	+20°C	916	1086	56,3	0,57	•

How to order: Code