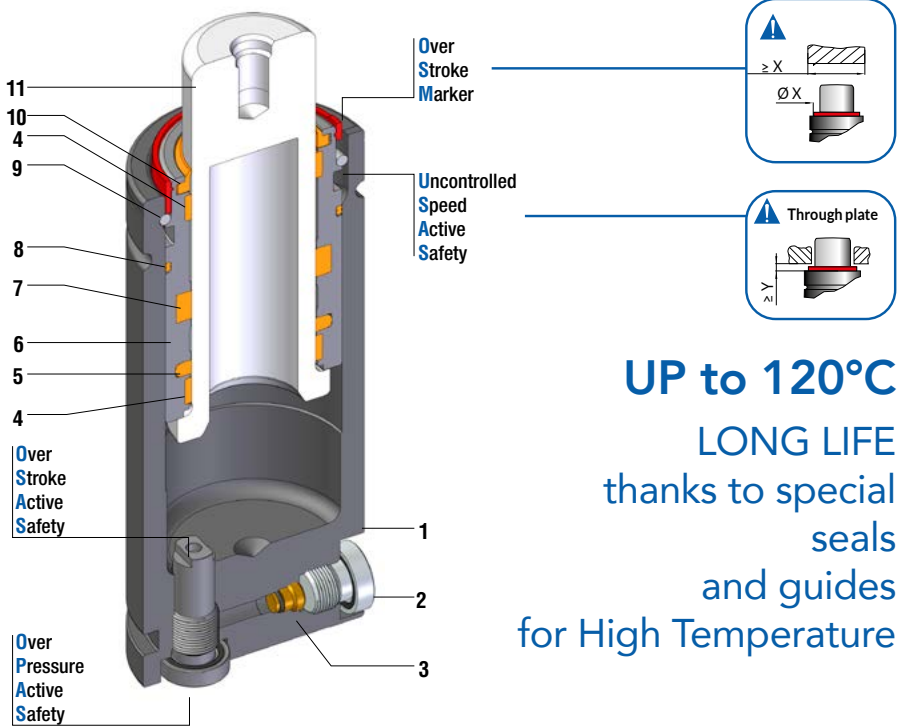


CILINDRO ALTA TEMPERATURA HT
HIGH TEMPERATURE GAS SPRING HT
RESSORT À GAZ POUT HAUTE TEMPÉRATURE HT

STOCK



UP to 120°C
LONG LIFE
 thanks to special
 seals
 and guides
 for High Temperature

Standard: ISO

Model	Body Ø	Stroke Cu	Initial force F0	HIGH TEMPERATURE		OSAS	USAS	OPAS	SKUDO	SW
	mm	mm	daN	100°C	120°C					
HT 500 T1	38	10 - 125	495	•	-	•	•	•	-	•
HT 700 T1	45	10 - 200	775	•	-	•	•	•	-	•
HT 1000 T1	50	13 - 300	970	•	-	•	•	•	-	•
HT 500 T2	38	10 - 125	480	-	•	•	•	•	-	•
HT 700 T2	45	10 - 200	750	-	•	•	•	•	-	•
HT 1000 T2	50	13 - 300	940	-	•	•	•	•	-	•

1	Cuerpo / Body / Corps
2	Tapón / Plug / Bouchon
3	Válvula / Valve / Valve
4	*Casquillo guía / Guide ring / Douille de guidage
5	*Retén / Rod seal / Joint de tige
6	Casquillo / Bush / Douille

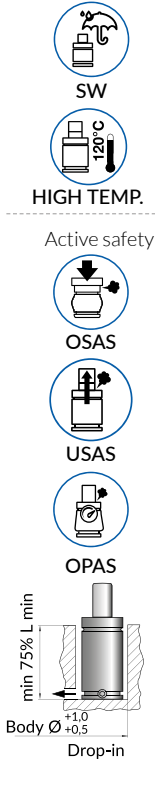
7	*Retén / Rod seal / Joint de tige
8	*Anillo dual / Dual ring seal / Bague à double joints Anillo antiextrusión / Back-up ring / Bague de secours
9	Anillo de retención / Retaining ring / Bague de retenue
10	*Rascador / Rod wiper / Racleur de tige
11	Vástago (nitrurado) / Rod (nitrited super finished) / Tige (nitritée super finie)

* Special design and materials for high temperature

CILINDRO ALTA TEMPERATURA HT 1000 T2

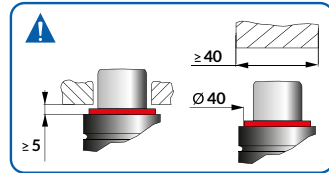
HIGH TEMPERATURE GAS SPRING HT 1000 T2

RESSORT À GAZ HAUTE TEMPÉRATURE HT 1000 T2

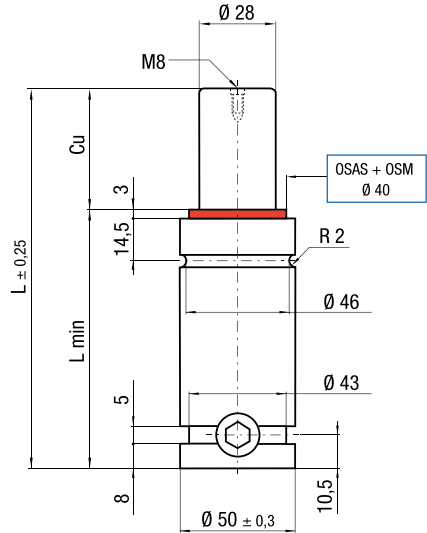
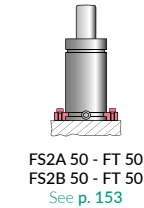


* F_{1_i} = Isothermal end force at 100% Cu * F_{1_p} = Polytropic end force at 100% Cu

OSAS + OSM = OVER STROKE + OVER STROKE ACTIVE MARKER SAVETY



Assembly recommendation



			ΔP	P max	P min	S	SPM	Max Speed	Maintenance kit			
	N ₂	1000/120°C	± 0,33 % / °C	125 bar	20 bar	4,91 cm ²	-5 ÷ 20 (at 20°)	1 m/s	39BMHT01000A			
Code	Cu	L	L min	FO	F_{1_i}	F_{1_p}	V0					
	mm	mm	mm	Initial force	End force*	End force*	cm ³	~Kg	2014/68/EU			
HT 1000 013 T2	13	120,7	107,7	705 + 20°C		1206	1393	40	1,21	•		
HT 1000 025 T2	25	145	120			1322	1585	59	1,32	•		
HT 1000 038 T2	38	171	133			1398	1715	79	1,43	•		
HT 1000 050 T2	50	195	145			1444	1797	97	1,53	•		
HT 1000 063 T2	63	221	158			1480	1860	117	1,64	•		
HT 1000 075 T2	75	245	170			1505	1904	135	1,74	•		
HT 1000 080 T2	80	255	175			1514	1919	143	1,78	•		
HT 1000 100 T2	100	295	195			1541	1969	173	1,96	•		
HT 1000 125 T2	125	345	220			940 + 100°C		1565	2012	211	2,17	•
HT 1000 150 T2	150	395	245					1582	2043	249	2,38	•
HT 1000 160 T2	160	415	255	1588	2053			264	2,46	•		
HT 1000 175 T2	175	445	270	1595	2067			287	2,59	•		
HT 1000 200 T2	200	495	295	1605	2085			325	2,79	•		
HT 1000 250 T2	250	595	345	1619	2111			401	3,21	•		
HT 1000 300 T2	300	695	395	1629	2130	477	3,63	•				

How to order: Code

End force at 120°C