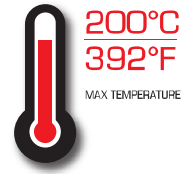




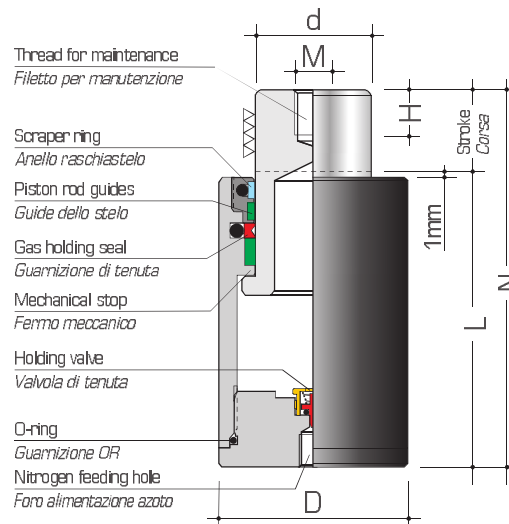
## CSMHT



CSMHT compact series has been developed to work up to 200°C (392°F), for the most demanding high temperature applications.

La serie compatta CSMHT è stata sviluppata per lavorare fino a 200°C (392°F), per le più critiche applicazioni ad alta temperatura.

### CSMHT



### TECHNICAL NOTES

#### Important use instructions on pages 10 & 11

Different work strokes on request.

For accessories and other mountings, see the 'Accessories for nitrogen gas springs' catalogue.

#### How to order

**IMPORTANT:** it is necessary to contact our technical department in order to make sure that CSMHT gas springs are ok for the required application. Bordignon technical department will send you a dedicated form to be filled with the application data.

### NOTE TECNICHE

#### Importanti istruzioni d'uso alle pagine 10-11








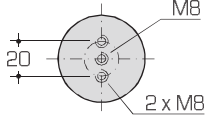
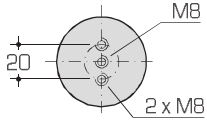
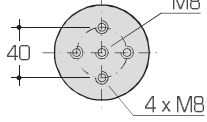
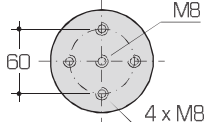
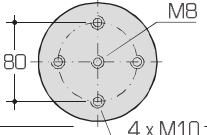
Corse di lavoro diverse a richiesta.

Per accessori e altri montaggi, consultare il catalogo 'Accessori per cilindri all'azoto'.

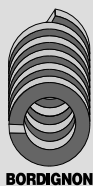
#### Esempio d'ordine

**IMPORTANTE:** è necessario contattare il nostro ufficio tecnico per assicurarsi che i cilindri CSMHT siano adatti per l'applicazione richiesta. Il reparto tecnico Bordignon vi invierà un apposito modulo da compilare con i dati dell'applicazione.



MODEL MODELLO	MAX STROKE mm CORSIA MAX mm	L mm	N mm	D mm	d mm	M	H mm	 bar	 daN	 daN	GAS SPRING BASE BASE DEL CILINDRO
CSMHT19-10	10	50	60	19	10	M5	7	128	100	160	
15	15	55	70								
25	25	65	90								
38	38	78	116								
50	50	90	140								
80	80	120	200								
CSMHT25-10	10	50	60	25	14	M6	8	129	200	320	
15	15	55	70								
25	25	65	90								
38	38	78	116								
50	50	90	140								
80	80	120	200								
125	125	165	290								
CSMHT32-10	10	55	65	32	18	M8	12	137	350	560	
15	15	60	75								
25	25	70	95								
38	38	83	121								
50	50	95	145								
80	80	125	205								
125	125	170	295								
160	160	205	365								
CSMHT38-10	10	55	65	38	22	M8	12	131	500	800	
15	15	60	75								
25	25	70	95								
38	38	83	121								
50	50	95	145								
80	80	125	205								
125	125	170	295								
160	160	205	365								
200	200	245	445								
CSMHT50-10	10	60	70	50	30	M8	12	141	1000	1600	
25	25	75	100								
38	38	88	126								
50	50	100	150								
63	63	113	176								
80	80	130	210								
100	100	150	250								
125	125	190	315								
160	160	235	395								
200	200	275	475								
250	250	325	575								
CSMHT63-10	10	65	75	63	36	M8	12	147	1500	2400	
25	25	80	105								
38	38	93	131								
50	50	105	155								
63	63	118	181								
80	80	135	215								
100	100	160	260								
125	125	190	315								
160	160	235	395								
200	200	275	475								
CSMHT75-10	10	65	75	75	45	M8	12	157	2500	4000	
25	25	80	105								
38	38	93	131								
50	50	105	155								
63	63	118	181								
80	80	135	215								
100	100	155	255								
125	125	200	325								
160	160	250	410								
200	200	300	500								
CSMHT95-25	25	90	115	95	58	M8	12	151	4000	6400	
38	38	103	141								
50	50	115	165								
63	63	128	191								
80	80	155	235								
100	100	185	285								
125	125	220	345								
CSMHT120-25	25	100	125	120	75	M8	12	147	6500	10400	
38	38	113	151								
50	50	125	175								
63	63	138	201								
80	80	160	240								

• Available on request / Disponibili a richiesta



# REQUEST FOR NITROGEN GAS SPRINGS FOR "HIGH TEMPERATURES"

Code: p175

Page: 1/1

Rev. 1

Date: \_\_\_\_\_



Model CHT



Model CSMHT

Gas spring type	Model	Nr. of pcs.
CHT	_____	_____
CSMHT	_____	_____

## NOTES CONCERNING THE USE OF THIS NITROGEN GAS SPRING

Approx. operating temperature (°C): \_\_\_\_\_ Cycles/minute: \_\_\_\_\_

Actual operating stroke (mm): \_\_\_\_\_

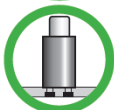
Required initial force (daN): \_\_\_\_\_

**NOTE:** We charge these nitrogen gas springs in order to have the required initial force (daN) at the operating temperature (°C), considering the internal pressure increase caused by the higher temperature. The initial force measured at room temperature (20°C) will be lower than the nominal one written on the gas spring label.

## USE INSTRUCTIONS



The **CHT** and **CSMHT** series gas springs are not self-lubricated.  
Lubricate the piston rod with grease with molybdenum disulfide (MoS<sub>2</sub>).



Always fasten the nitrogen gas springs at the base to a flat and clean support surface with high resistance screws. For other fixing options, please see our 'Accessories for nitrogen gas springs for dies' catalogue.

Other: please see the complete use instructions on our 'Nitrogen gas springs for dies' catalogue.

### DO NOT FILL IN THIS SECTION - FOR BORDIGNON ONLY

Approvazione utilizzo:  SÌ  NO \_\_\_\_\_

Tempo di consegna: \_\_\_\_\_

Approvazione finale: \_\_\_\_\_

Data: \_\_\_\_\_

Reseller's Signature: \_\_\_\_\_