

**UP to 120°C / 248°F**

**LONG LIFE**  
**thanks to special seals**  
**and guides**  
**for High Temperature**

Per alta temperatura, ISO standard, forza potenziata - For high temperature, ISO standard, high force  
 Für Hochtemperatur, ISO Standard, erhöhte Kraft - Pour haute température, standard ISO, force majorée  
 Para alta temperatura, ISO standard, fuerza potenciada - De alta temperatura, norma ISO, força permitida

<b>SEALING</b>	ROD SEAL
<b>DESIGN</b>	BUSH - BODY DESIGN

<b>1</b>	Body	<b>5</b>	Rod seal*	<b>9</b>	Retaining ring
<b>2</b>	Plug	<b>6</b>	Bush	<b>10</b>	Rod wiper*
<b>3</b>	Valve	<b>7</b>	Rod seal*	<b>11</b>	Rod (nitrited superfinished)
<b>4</b>	Guide ring*	<b>8</b>	Dual ring seal*		

\*special design and materials for high temperature.



### RANGE CHART

Model	Body Ø		Stroke Cu		Initial force FO		HIGH TEMPERATURE		OSAS	USAS	OPAS	SKUDO	SW
	mm	inch	mm	inch	daN	lb	100°C	120°C					
HT 500 T1	38	1.50	10 - 125	0.39 - 4.92	495	1113	✓	-	✓	✓	✓	-	✓
HT 700 T1	45	1.77	10 - 200	0.39 - 7.87	775	1742	✓	-	✓	✓	✓	-	✓
HT 1000 T1	50	1.97	13 - 300	0.51 - 11.81	970	2181	✓	-	✓	✓	✓	-	✓
HT 500 T2	38	1.50	10 - 125	0.39 - 4.92	480	1079	-	✓	✓	✓	✓	-	✓
HT 700 T2	45	1.77	10 - 200	0.39 - 7.87	750	1686	-	✓	✓	✓	✓	-	✓
HT 1000 T2	50	1.97	13 - 300	0.51 - 11.81	940	2113	-	✓	✓	✓	✓	-	✓

✓ Built-in as standard

✓ Optional upon request

# T1

Temperatura di esercizio  
Working temperature  
Betriebstemperatur  
Température de fonctionnement  
Temperatura de funcionamiento  
Temperatura de funcionamiento

**80 ÷ 100°C**  
**176 ÷ 212°F**

P max

**125 bar**  
**1813 psi**

# T2

Temperatura di esercizio  
Working temperature  
Betriebstemperatur  
Température de fonctionnement  
Temperatura de funcionamiento  
Temperatura de funcionamiento

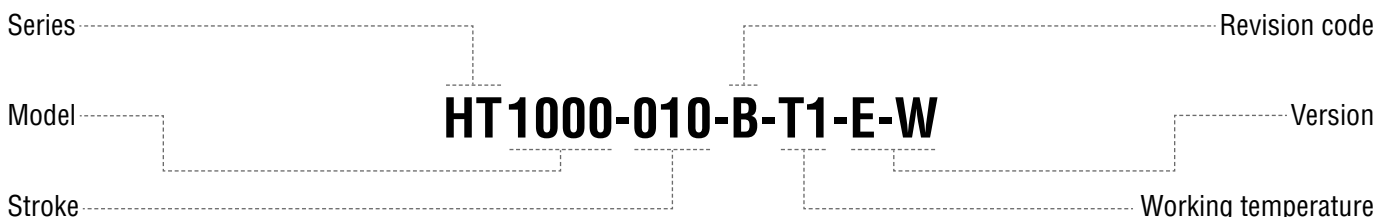
**100 ÷ 120°C**  
**212 ÷ 248°F**

P max

**115 bar**  
**1668 psi**



## HOW TO ORDER



### Available versions

HT 1000-010-B-T1 Standard code	HT 1000-010-B-T1-W Add "-W" to standard code	HT 1000-010-B-T1-N Add "-N" to standard code	HT 1000-010-B-T1-N-W Add "-N-W" to standard code	HT 1000-010-B-T1-E Add "-E" to standard code	HT 1000-010-B-T1-E-W Add "-E-W" to standard code
Self contained	Self contained	Linkable	Linkable	Easy Manifold	Easy Manifold
	+ Secondary wiper		+ Secondary wiper		+ Secondary wiper