

SPC223 SA

DATA SHEET



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1. Technical specifications

1.1 Overview - SPC223



1.2 General description

The SPC223 is a self-loading rifle in .223 Remington.

The rifle is a gas operated rifle with a short-stroke gas piston system: the gas port near the muzzle directs the propellant gases behind the projectile via gas piston onto the bolt carrier and sets it in a recoiling motion. After the projectile has left the barrel, the recoiling bolt carrier unlocks the bolt head by means of a rotary movement. In the common recoil of the bolt head and carrier, the empty case is extracted and ejected, the hammer is cocked and the recoil spring compressed. At the end of the return stroke, a recoil buffer slows down the movement of the carrier and then the recoil spring accelerates it forward again. In the common forward stroke, the bolt head and carrier take a new cartridge from the magazine and feed it into the chamber. At the end of such a cycle, the gun is locked, loaded and cocked.

All operating elements such as the bolt catch, magazine catch, fire selector and charging handle are designed to be operated from both sides.

1.3 Technical data - SPC223 SA

Designation	SPC223 SA
Manufacturer	B&T AG - Switzerland
Caliber	.223 Remington
Magazine capacity	30 rounds
Rifling	6 grooves, right hand twist
Barrel twist	178mm (1:7)
Operating system	Short stroke gas piston
Sights	Integrated mechanical sight (NAR)
Bore height	80 mm / 3.14 in
Rail height	45.7 mm / 1.79 in
Interfaces	4 NATO accessory rails
Scope of delivery	Weapon with magazines, carrying sling, cleaning kit, case

Type		«Barrel 222 mm»	Standard «Barrel 308 mm»	«Barrel 420 mm»
Barrel length	[mm]	222 (8.7")	308 (12.1")	420 (16.5")
Length standard	[mm]	705	791	903
Length receiver	[mm]	422	507	507
Width	[mm]	68	68	68
Height*	[mm]	256	256	256
Weight	[kg]	3.2	3.4	3.6

* Without magazine, flip-up sights folded.

Stock options	Stock length		Width [mm]	Weight [g]
	extracted [mm]	retracted [mm]		
Retractable stock* (Standard)	279	196	42	865
Telescopic stock	247	164	57	978

*Extracted to the maximum, intermediate positions existent.

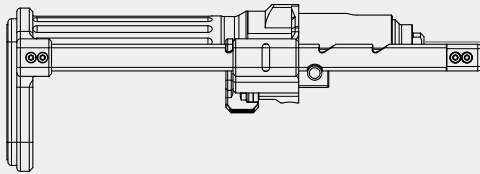
The total length is calculated using the length of the upper receiver and the stock.

Technical data are provided for information only and shall not serve as acceptance criteria.

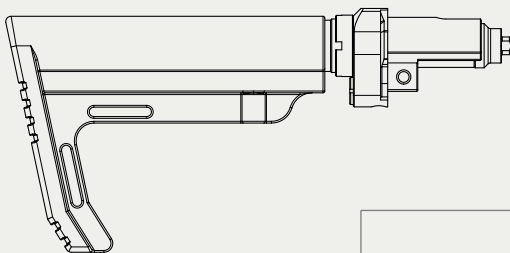
1.4 Variant overview

STOCK

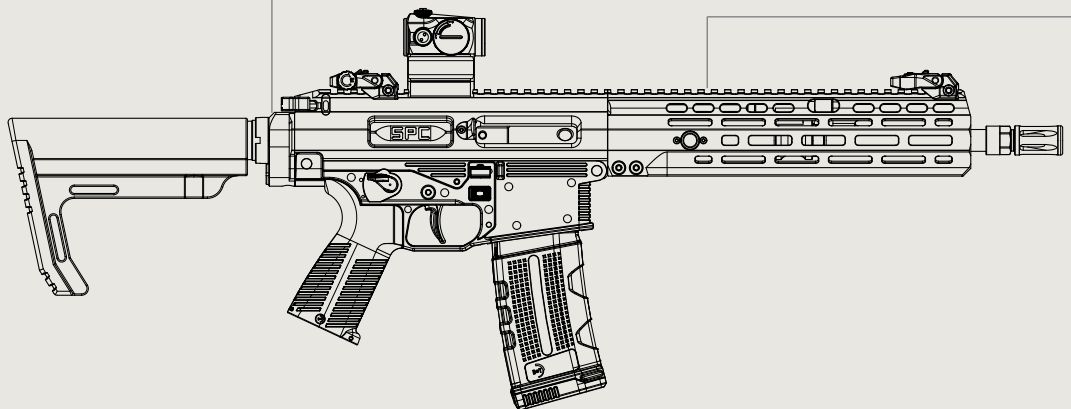
Telescopic stock



Retractable stock (standard)

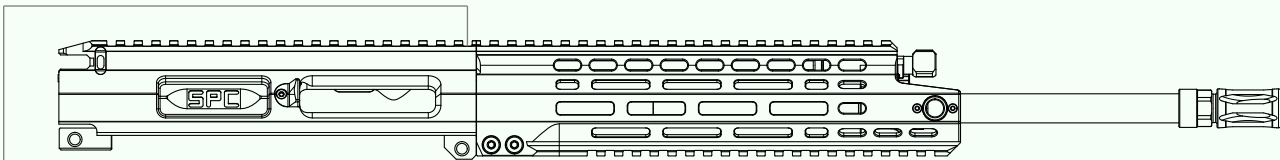


SPC223

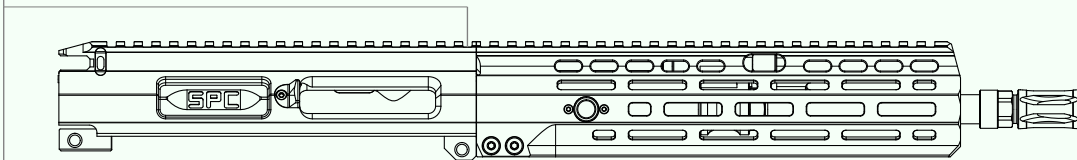


UPPER RECEIVER

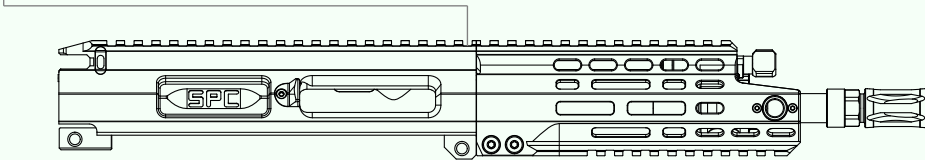
Barrel length 420 mm



Barrel length 308 mm (standard)



Barrel length 222 mm




2. Accessories


2.1 Suppressors

Picture	Art.-No.	Type	Description
	SD-140766-TI	SPC223	Suppressor PRINT-X UM NATO
	SD-140369	SPC223	Suppressor PRINT-X RBS QDM Compact

2.2 Flashlights

Picture	Art.-No.	Description
	BT-WMLX-B-W-L- GEN3	B&T Weapon Mounted Light GEN-3


2.3 Brass catcher

Picture	Art.-No.	Description
	BT-220608	Brasscatcher

2.4 Magazines

Picture	Art.-No.	Type	Description
	MA-MAG556-BLK MA-MAG559-BK	SPC223	Magazine 30 rounds Magazine 10 rounds
	MA-MAG595	SPC223	Magazine clamp

2.5 Sights


Pos.	Art.-Nummer	Bezeichnung
	AP-200180	Red dot reflex sight Aimpoint® Micro™ T-2

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3.5 Sights

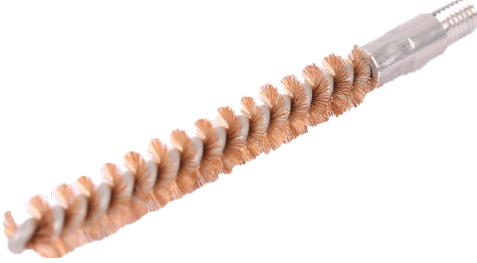

Pos.	Art.-Nummer	Bezeichnung
	AP-200180	Red dot reflex sight Aimpoint® Micro™ T-2

3.6 Grips

Picture	Art.-No.	Description
	BT-231227-BK	Angled fore grip 45° picatinny rail attachment
	BT-211564-BL	Unigrip QD short
	BT-21840	Unigrip QD

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3.7 Maintenance

Picture	Art.-No.	Type	Description
	SC-64B_5.56	SPC223	Barrel brush (bronce)
	SC-64M_5.56	SPC223	Chamber brush (bronce steel)
	SC-AR15_5.56_8-32	SPC223	Cleaning kit

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