



DE BETHUNE

L'ART HORLOGER AU XXI^e SIÈCLE

DB28 Steel Wheels

Sapphire Tourbillon

Technical specifications

Name:	DB28 Steel Wheels Sapphire Tourbillon
Reference:	DB28SWTTIS1
Functions:	Hours, Minutes, 30'' indicator via the ultra-light De Bethune tourbillon cage at 6 o'clock, Power reserve situated on the back
Movement:	DB2019V5
Type:	Mechanical hand-wound movement
Adjustment:	Winding and setting the time by means of the crown (2 positions)

Technical features of calibre DB2019V5

Number of parts:	272
Jewelling:	39 jewels
Diameter:	30 mm
Power reserve:	5 days, ensured by a self-regulating twin barrel <i>De Bethune Innovation (2004)</i>

Specificities: Titanium balance wheel with white gold inserts, optimised for temperature differences and air penetration
De Bethune Patent (2016)

"De Bethune" balance-spring with flat terminal curve
De Bethune Patent (2006)

Silicon escape wheel

Ultra-light De Bethune 30'' tourbillon in titanium
De Bethune Innovation (2008)

Frequency: 36,000 vibrations per hour

Adornment: Motion works bridge and concave cover plate in grade 5 titanium, mirror-polished
Curved, open worked and beveled barrel bridge with glass blued sapphire
Open worked and hand sailed barrels with glass blued sapphire and blued titanium beveled rings
Rhodium power reserve indicator background decorated with "De Bethune" circular graining
Blued and engraved ring
Steel parts beveled and polished by hand



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Display

Display: Minutes and hours hand in hand-polished sand-blasted blued titanium

Ultra-light De Bethune 30'' tourbillon in titanium
De Bethune Innovation (2008)

Dial: Circular-grained titanium hours ring
Spherical polished titanium hour-markers set and 30'' dial on a blued polished titanium circle

Case and strap

Case material: Polished grade 5 titanium

Case diameter: 43 mm

Case thickness: 9.80 mm

Lugs: Polished grade 5 titanium floating lugs –
De Bethune Patent (2006)

Crystal: In sapphire crystal (1800 Vickers hardness) with double anti-reflective coating

Case back: Screwed case back in grade 5 polished titanium that opens on a linear power reserve indicator in blued steel Sapphire crystal (1800 Vickers hardness) with double anti-reflective coating

Water resistance: 3 ATM

Strap: Extra-supple alligator leather, alligator lining

Buckle: Pin buckle in polished grade 5 titanium

