DB28 Tourbillon / dead beat silver

A contemporary expression of traditional mechanical horology

The noble traditions of mechanical watchmaking are subtly celebrated and reinterpreted in a contemporary masterpiece imbued with a blend of ancestral know-how and the latest technical and scientific breakthroughs. The DB28 Tourbillon / dead beat silver is nurtured by a horological culture and philosophy that its creators David Zanetta and Denis Flageollet share and perpetuate in a resolutely avant-garde manner at De Bethune.

The research conducted on the miniaturisation of the grand regulator timepieces that were admired and collected by one of the company founders and lovingly restored by the other, testifies to their desire to bring the horological quintessence of these historical works to the wrist.

Each aesthetic detail – from the choice of materials to the curves, the volumes, the shape of the hands, and of course the finishes – has its own specific reason for being. None are there by chance, and each contributes to a subtle equilibrium dedicated to purity, aesthetic restraint and readability.

The soft gleam of the platinum bezel effects the transition from the cool shade of the titanium case to the warmth of the sterling silver chapter ring.

The layered dial structure is built around suspension bridges featuring fine lines and multiple decorations serving to elevate the central mechanism as well as enhancing its functionality.

The silicon/titanium De Bethune tourbillon, the lightest and fastest on the market, combined with the jumping seconds mechanism, are proudly displayed at the heart of this model, endowing it with peerless technical and aesthetic splendour.

Excess is the avowed enemy of beauty, and De Bethune provides a resolutely 21ˢᵗ century expression of the grandeur of mechanical watchmaking through a determination to focus on excellence rather than excess.

DB28 Tourbillon / dead beat silver
Technical specifications

Name:	DB28 Tourbillon / dead beat silver
Reference:	DB28STTS1PN / S
Limitation:	Limited edition of 20 pieces
Functions:	Hours, Minutes, Central Dead Beat Second, 30" indicator via the ultra-light De Bethune tourbillon cage and Power reserve at 6 o'clock
Movement:	DB2119
Type:	Mechanical calibre with manual winding
Adjustment:	Winding and setting the time by means of the crown (2 positions)

Technical features of calibre DB2119

Number of parts:	333
Jewelling:	45 jewels
Diameter:	30 mm
Power reserve:	4 days, ensured by a self-regulating twin barrel *De Bethune Innovation (2004)*
Specificities:	Silicon and white gold balance wheel *De Bethune Patent (2010)* "De Bethune" balance-spring with flat terminal curve *De Bethune Patent (2006)* Silicon escape wheel Ultra-light De Bethune 30" tourbillon in silicon and titanium *De Bethune Innovation (2008)* De Bethune Dead Beat Second *De Bethune Innovation (2011)*
Frequency:	36'000 vibrations per hour
Adornment:	Silver plate and barrel bridge cover decorated with "Côtes *De Bethune*" Hand snailed barrels Frame of the barrel bridge in mirror-polished steel Hand-polished, chamfered and flame-blued steel parts

Display

Display:	Hands in mirror-polished and flame-blued steel Ultra-light De Bethune 30'' tourbillon in silicon and titanium at 6 o'clock – *De Bethune Innovation (2008)* Power reserve indication at 6 o'clock
Dial and flanges:	Hour ring, minute ring and 30'' tourbillon scale silvered and engraved with Roman numerals and Arabic numerals

Case and strap

Case material:	Mirror-polished grade 5 titanium, platinum bezel
Case diameter:	45 mm
Case thickness:	11,2 mm
Lugs:	Short or long floating lugs in mirror-polished grade 5 titanium *De Bethune Patent (2006)*
Crystal:	In sapphire crystal (hardness of 1800 Vickers) with double anti-reflective coating
Case back:	Screwed down closed back in mirror-polished grade 5 titanium
Water resistance:	3 ATM
Strap:	Extra-supple alligator skin, lining in alligator
Buckle:	Ardillon, in mirror-polished grade 5 titanium