



DE BETHUNE

L'ART HORLOGER AU XXI^e SIÈCLE

DB25 Perpetual Calendar

Technical specifications





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Technical specifications

Name:	DB25 Perpetual Calendar
Reference:	DB25QPAWS1
Functions:	Hours, Minutes, Spherical moon phase indication and leap-year indication at 12 o'clock, Perpetual calendar indicating the month at 3 o'clock, the date at 6 o'clock and the day of the week at 9 o'clock
Movement:	DB2324
Type:	Mechanical self-winding movement
Adjustment:	Winding, setting the date and the time by means of the crown (3 positions) Month, day of the week and spherical moon phase adjustment via correctors

Technical features of calibre DB2324

Number of parts:	425
Jewelling:	47 jewels
Diameter:	44 mm
Power reserve:	5 days, ensured by a self-regulating twin barrel <i>De Bethune Innovation (2004)</i>
Specificities:	Titanium and platinum balance wheel with blom studs De Bethune Patent (2008) "De Bethune" balance-spring with flat terminal curve <i>De Bethune Patent (2006)</i> Silicon escape wheel Spherical moon phase indication accurate to a degree of one lunar day every 122 years – <i>De Bethune Patent (2004)</i> Triple <i>pare-chute</i> shock-absorbing system <i>De Bethune Innovation (2005)</i> Optimized oscillating weight in titanium and white gold Oscillating weight shock-absorbing system <i>De Bethune Innovation (2006)</i>
Frequency:	28,800 vibrations per hour



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Adornment: $\frac{3}{4}$ plate with starry decor, sandblasted and snailed by hand
Balance bridge and oscillating weight arms in blued titanium
White gold oscillating weight hand snailed
Hand-polished, chamfered steel parts

Display

Display: Hand-polished flame-blued steel curved hands
Perpetual calendar apertures indicating the day of the week at 9 o'clock and the month at 3 o'clock – sub dial at 6 o'clock indicating the day of the month – leap year indicated by a gold pastille appearing in the starry sky at 12 o'clock
Spherical moon phase indication in palladium and flamed-blued steel with an accuracy of one lunar day every 122 years at 12 o'clock – De Bethune Patent (2004)

Dial : Silver-toned hand-guilloch , with 12 radiating sectors
De Bethune star-studded sky in blued mirror-polished steel, inlaid with rose gold stars
Silver-toned curved hour, date and moon phase rings with black relief Roman numerals

Case and strap

Case material: White gold
Case diameter: 44 mm
Case thickness: 11,1 mm
Lugs: Integrated, hollowed lugs
Crystal: In sapphire crystal (1800 Vickers hardness) with double anti-reflective coating
Case back: Open back in polished white gold and sapphire crystal (1800 Vickers hardness) with double anti-reflective coating
Water-resistance: 3 ATM
Strap: Extra-supple alligator leather, lining alligator
Buckle: Pin buckle in white gold