DE BETHUNE

L'ART HORLOGER AU XXI^e SIÈCLE

DB25 Perpetual Calendar

Technical specifications

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DB25 Perpetual Calendar

Technical specifications

Name:	DB25 Perpetual Calendar
Reference:	DB25QPATIS4
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:	35 mm
Power reserve:	5 days, ensured by a self-regulating twin barrel *De Bethune Innovation (2004)*
Specificities:	Titanium balance wheel with white gold inserts, optimized temperature differences and air penetration, *De Bethune Patent (2016)*
	"De Bethune" balance-spring with flat terminal curve *De Bethune Patent (2006)*
	Silicon escape wheel
	Spherical moon phase indication accurate to a degree of one lunar day every 122 years – *De Bethune Patent (2004)*
	Triple *pare-chute* shock-absorbing system *De Bethune Innovation (2005)*
	Optimized oscillating weight in titanium and white gold
	Oscillating weight shock-absorbing system *De Bethune Innovation (2006)*
Frequency:	28,800 vibrations per hour

Adornment:	¾ 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:	Hands curved, in hand mirror-polished steel Perpetual calendar apertures indicating the day of the week at 9 o'clock and the month at 3 o'clock on anthracite discs with silver decal – 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 black oxide zirconium with an accuracy of one lunar day every 122 years at 12 o'clock – De Bethune Patent (2004)
Dial:	Green hand-guilloché, with 12 radiating sectors De Bethune star-studded sky in black steel, inlaid with rose gold stars Green curved hour, date and moon phase rings with silver relief Roman numerals

Case and strap

Case material:	Titane grade 5
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 titanium and sapphire crystal (1800 Vickers hardness) with double anti-reflective coating
Water-resistance:	3 ATM
Strap:	Textile/leather
Buckle:	Pin buckle in polished titanium