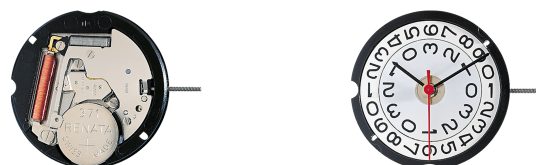


# RONDA powertech 500 and 762E, 763E

Affordable metal movements  
for reliable quality watches

*Caliber 509 – 10½'''*



## Product Specifications

Analog quartz movement

Line powertech

Caliber 509

Size 10½'''

Version Swiss Made 1 Jewels / nickel plated  
Swiss Parts 1 Jewels / nickel plated

Standard battery life 45 months

Hand fitting height 1

## Features

- Repairable metal watch movement
- Power saving mechanism with pulled out stem: Reduction of consumption approximately 70%
- Interchangeability: All versions 10½''' with same movement height 3.00 mm and stem height 1.50 mm
- Very powerful stepping motor
- Big date with quick change

## Functions

- Big date without direct change from 31–01
- 3 hands

## Technical Specifications

Diameter Total	23.90 mm
Case fitting	23.30 mm
Movement height	3.00 mm
Height over standard battery	3.25 mm
Movement rest	0.80 mm
Height over stem	1.50 mm
Length of stem travel	1.00 mm
Stem thread	0.90 mm
Standard battery	371
Standard battery life	45 months
Battery voltage	1.5 V
Current consumption – typical	1.28 µA (Date Mechanism not in Gear)
Current consumption – maximum	1.85 µA (Date Mechanism not in Gear)
Useful torque second – typical	11 µNm
Useful torque minute – typical	550 µNm
Operating temperature	0 - 50 °C
Instantaneous rate	-10/ +20 sec/month
Resistance to magnetic fields	18.8 Oe
Resistance against shock	NIHS 91-10

## Watch production

Drawing Casing ring (standard, PDF)  
 Drawing Dial (stem 3h, calendar 3h, PDF)  
 Drawing Dial (stem 3h, calendar 4h, PDF)  
 Drawing Dial (stem 3h, calendar 6h, PDF)  
 Drawing Dial (stem 12h, calendar 3h, PDF)  
 Drawing Dial (stem 6h, calendar 3h, PDF)  
 Drawing Hand fitting (Zeigerwerkhöhe 1-2, PDF)  
 Drawing Hand fitting (hand height 6, PDF)  
 Drawing Stem

## User's manual

User's manual (PDF)

## Watch repairs

Technical instruction (PDF)

