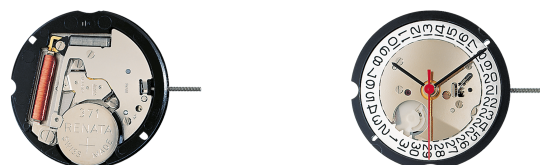


# RONDA powertech 500 and 762E, 763E

Affordable metal movements  
for reliable quality watches

*Caliber 505S – 10½'''*



## Product Specifications

Analog quartz movement

Line powertech

Caliber 505S

Size 10½'''

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

Standard battery life 24 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
- Fix motor pulse

## Functions

- Option for second disc
- Date
- 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          | 24 months                                  |
| Battery voltage                | 1.5 V                                      |
| Current consumption – typical  | 2.4 µA (Date<br>Mechanism not in<br>Gear)  |
| Current consumption – maximum  | 2.65 µA (Date<br>Mechanism not in<br>Gear) |
| Useful torque second – typical | 9 µNm                                      |
| Useful torque minute – typical | 450 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 3h, round, PDF)  
 Drawing Dial (stem 3h, calendar 6h, PDF)  
 Drawing Dial (stem 3h, calendar 6h, round, PDF)  
 Drawing Dial (stem 3h, calendar 4h, PDF)  
 Drawing Dial (stem 3h, calendar 4 1/2 h, PDF)  
 Drawing Hand fitting (Zeigerwerkhöhe 1-2, 6, PDF)  
 Drawing Stem

## User's manual

User's manual (PDF)

## Watch repairs

Technical instruction (PDF)

