

RONDA powertech 500 and 762E, 763E

Affordable metal movements
for reliable quality watches

Caliber 503 – 10½'''



Product Specifications

Analog quartz movement

Line powertech

Caliber 503

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

Functions

– 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	0.45 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
Current consumption – maximum	1.85 µA
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, PDF)
- Drawing Hand fitting (hand height 6, PDF)
- Drawing Hand fitting (Zeigerwerkhöhe 1-2, PDF)
- Drawing Stem

User's manual

User's manual (PDF)

Watch repairs

Technical instruction (PDF)

