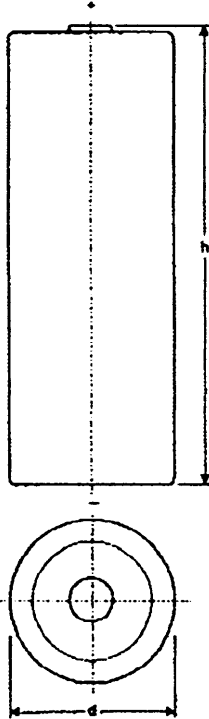


152-075

**RSH 7****Sealed Rechargeable Ni-Cd High Current Cylindrical Cell****Data Sheet**

Designation IEC: ..... KR 33/91

Size: ..... F

Order No: ..... 50470 201 052

Nominal Voltage: ..... 1.2 V

Rated Capacity (0.2C / 1.0 V): ..... 7000 mAh

Internal Resistance DC, fully charged: ..... 3.1 mOhm

**Typical Capacity at:**

0.2 C / 1.00 V: ..... 7800 mAh

1.0 C / 0.97 V: ..... 7500 mAh

2.0 C / 0.95 V: ..... 7400 mAh

5.0 C / 0.90 V: ..... 7000 mAh

10.0 C / 0.80 V: ..... 6600 mAh

Max Discharge Current (continuous/0.8 V): ..... 90 A

Max Short Time Current (2 sec/0.75 V): ..... 135 A

**Dimensions (including shrink sleeve/label)**

Diameter d: ..... 33.0 -1.0 mm

Height h: ..... 91.0 -1.0 mm

Volume: ..... 75.08 cm<sup>3</sup>

Weight, approx: ..... 237 g

Energy Density: ..... 125 Wh/l

Specific Energy: ..... 39 Wh/kg

**Charge Conditions at:**

Standard Charge: ..... 700 mA, 14-16 h

Accelerated Charge: ..... 1400 mA, 7-8 h

Fast Charge: ..... (conditions on request)

Trickle Charge (0.03-0.05 C): ..... 210 - 350 mA

**Temperatures (recommended / permissible) at:**

Storage: ..... 0 °C ... 45 °C/-45 °C ... 50 °C

Charge: ..... 10 °C ... 35 °C/-20 °C ... 50 °C

Fast Charge: ..... 10 °C ... 35 °C

Discharge: ..... -20 °C ... 45 °C/-45 °C ... 50 °C

**Life Expectancy at:**

Cycling: ..... more than 1000 cycles (IEC 285)

Trickle Charge: ..... up to 6 years (20 °C)

All data contained herein is for single cells.

For battery applications, performance data may vary from single cell data, depending on specific battery configuration.

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