



### Data Sheet

**System:** Nickel Metal Hydride/  
KOH Electrolyte

**Nominal Voltage [V]:** 1.2

**Typical Capacity C [mAh]:** 110  
at 22 mA/1.0 V

**Weight, approx, [g]** 4.4

**Dimensions [mm]:** **min.** **max.**

**Diameter [d]:** 15.0 15.4

**Height [h]:** 7.6 8

**Temperature Ranges [°C]** **min.** **max.**

**Storage:** less than 30 days -40 80

less than 90 days -40 65

less than 1 year -40 50

**Discharge:** -20 80

**Charge:** 0 80

**Charging Method:**

**Typical Charging:** 11 mA for 14-16 h

**Accelerated Charging (20°C):** 22 mA for 7 h

**Fast Charging:** 55 mA for 3 h\*

Time controlled, voltage control recommended

**Trickle Charging:** 3.3 mA

**Overcharge (20°C):** 11 mA continuous

**Charge Retention [%] at 20°C:** 90

Capacity available after 1 month Storage at 20°C

**Life Expectancy (typical):**

**IEC Cycle:** 500 Cycles

**Trickle Charge:** up to 5 years (20°C)

**Destructive Test:**

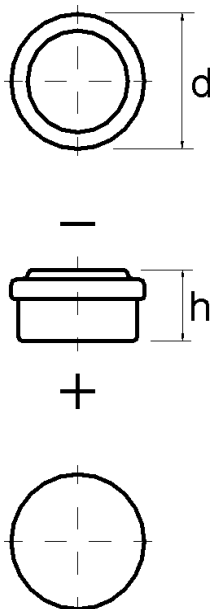
1. Charge at 22mA at 85°C for 7 days

2. Discharge at 22mA at 20°C to 1.0 V

3. Charge at 11mA at 20°C for 15 h

4. Discharge at 22mA at 20°C to 1.0 V

Repeat 1-4 for 6 cycles. Capacity more than 60%



\* for fully discharged cells, 20°C