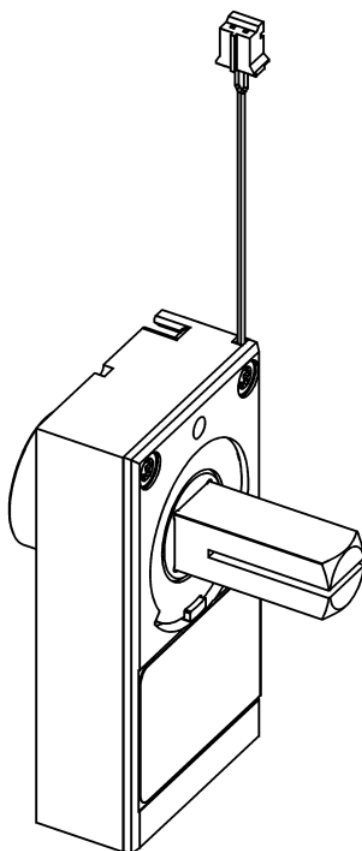


Illustration

DOM Guardian® coupling device



General information

DOM Guardian® coupling device

Temperature:

- stocking: -25°C to +70°C
- operation: -25°C to +70°C

Humidity:

- 20% to 90% (not condensation)
- Tested according to DIN IEC 60068-2-1/2/3/30 (temperature: 6 cycles á 12h, cold tested for 16h)

Weight:

- 120g

Min. locking cycles:

- 200.000 (mechanical stability)

Min. number of handle actuation:

- 200.000

Door direction:

- Door direction left/right adjustable by site assembled

Angle lockfollower:

- 40°

Lock compatibility:

- mortise lock

Square bolt:

- 9mm (with adapter 7 / 8 / 8,5 / 10 mm)

Mechanical function:

- Force-locked connection between handle and square bolt

Electrical data

DOM Guardian[®] coupling device

Power supply:

- 3 V/DC
- Operation reliability from 2,5 V to 5 V/DC

Current consumption :

- Max. current consumption 600 mA @ 3 V/DC
- Starting current < 600 mA @ 3V/DC

DC resistance:

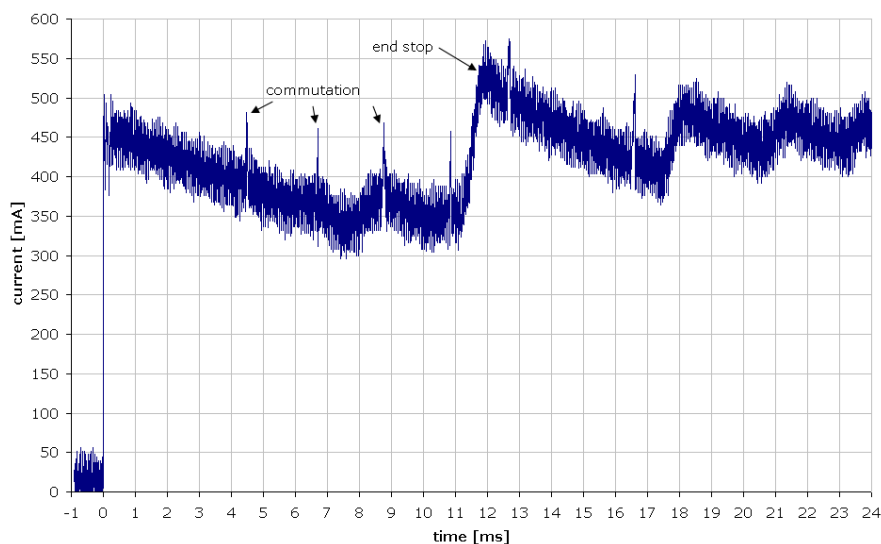
- 6,2 Ohm

Control:

- End Stop detection by increasing current or over max. driving time
- Max. operating time 20ms (30ms max. activation time)

Connection:

- 2 pole JST-connector TYP PHR2



Current profile VCC = 3V/DC @ 0,5 Ohm Shunt

Mechanical data

DOM Guardian[®] coupling device

Dimension (B x H x T)

- 32,2mm x 15,3mm x 63,0 mm

Housing:

- POM

Top cover:

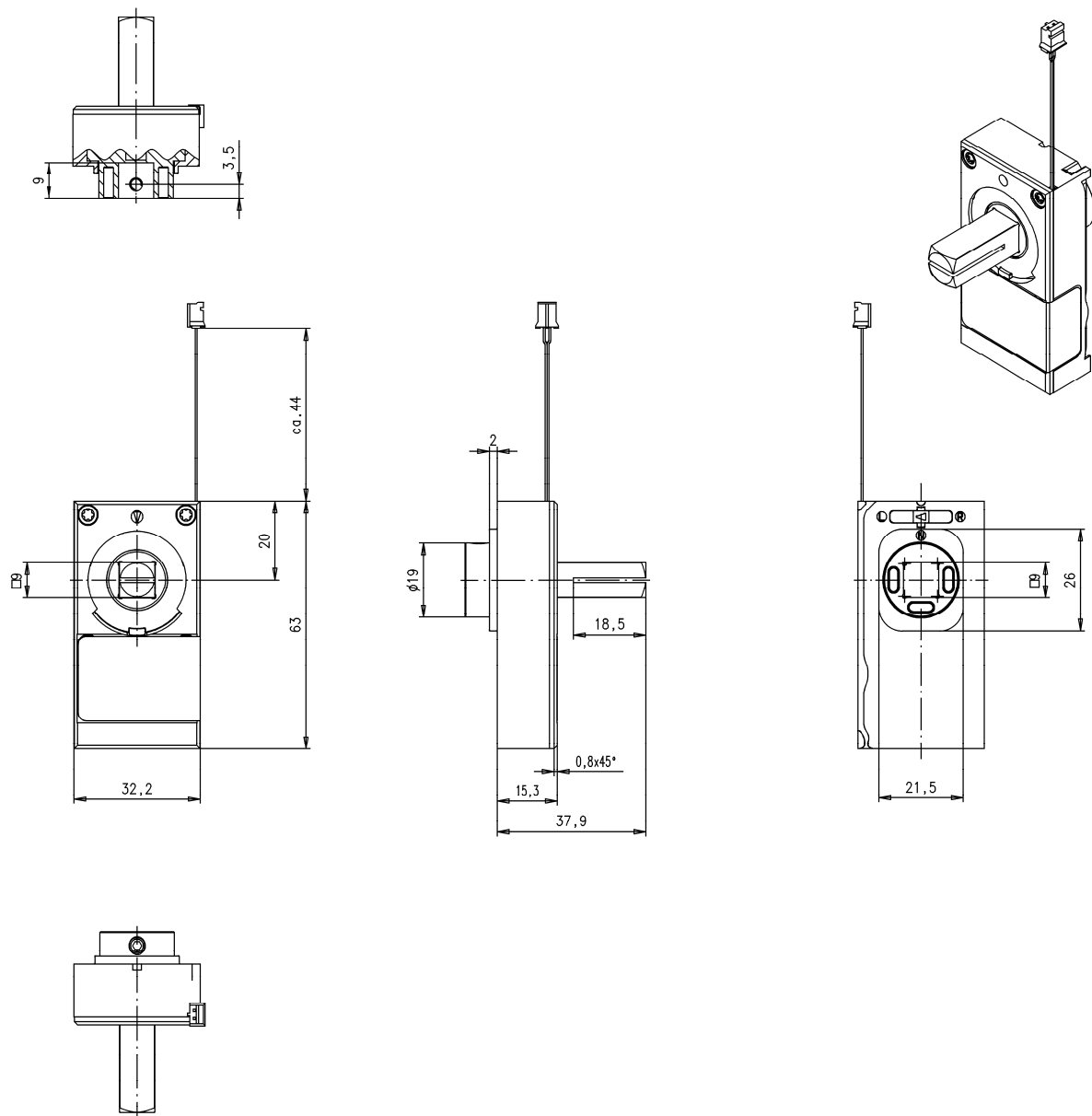
- CuBe2

Square bolt:

- □9 mm (slit) 1.0715 zinc plated

Square bolt holding

- □9 mm CuBe2



These data correspond to the actual development status and are subject to change at any time without notice.