

▶ **Torque motor**

4256

- Working angle 75°
- Positioning time < 100 ms
- Weight 640 g
- Peak torque @ 13.5V .. 1400 mNm

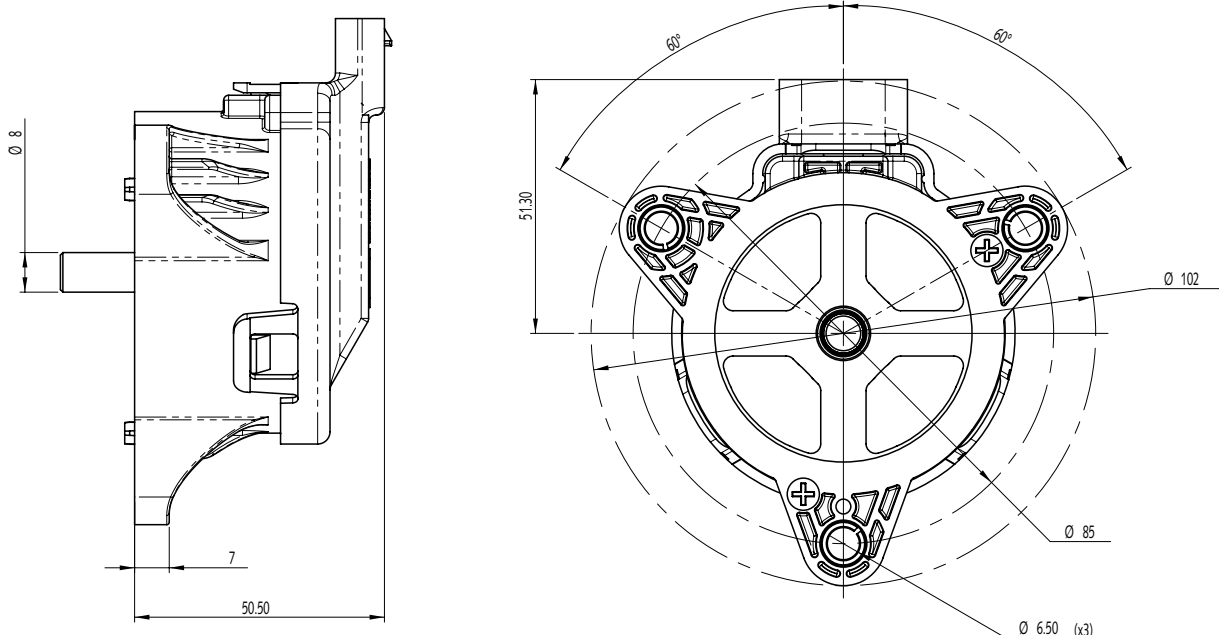
This motor is a contactless direct drive device and exhibits both high torque and dynamics.

▶ **Technical data**

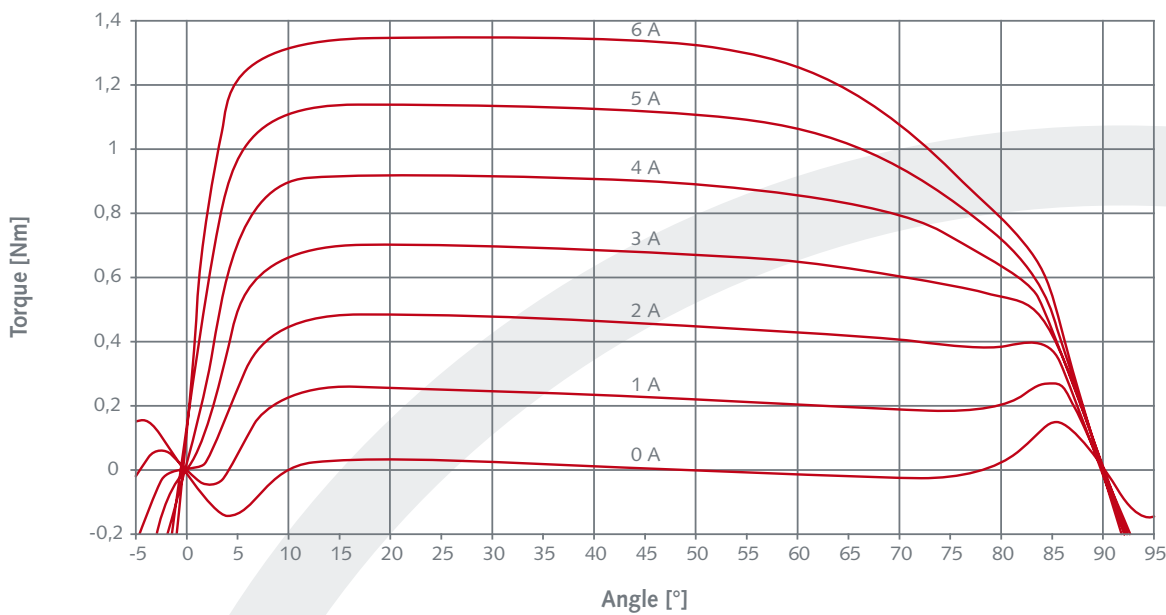
Resistance [Ω]	Inductance [mH]	Torque constant [mNm/A]	Motor constant [mNm/√W]	Detent torque [mNm]	Sensor signal
2.1	20	220	150	100	Programmable: - Analog: 0.5 to 4.5 V - Digital: PWM / SENT

▶ **Dimensions**

Drawing not to scale. All dimensions in mm.



► Dynamic characteristics



► Main Features

- Compact, robust, contactless
- Single phase DC operation (2 leads)
- Nominal torque proportional to current, bi-directional and constant over the stroke (75°)
- High peak torque
- Programmable contactless position sensor
- Integration of return spring possible
- Integration of drive electronics possible

► Operating conditions

Qualified for on-engine applications:

Ambient temperature: -40 ... +150° C
 Vibrations: 40 g

Special requirements upon customer specifications. Right to change reserved.

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