



## 5 Nm RC65 3.9 Watts 3.9 W Part number 82867007



- Torque rating of gearboxes : 5 Nm, metal gears
- Motors : nominal power 3 W / interference suppression for standard stocked products
- Speed range : 1.7 to 344 rpm
- Optional encoder built into the motor

### Part numbers

|               | Type  | Type   | Voltage | Output speed (rpm) | Ratios (i) |
|---------------|-------|--------|---------|--------------------|------------|
| 82867001      | 3.9 W | 828670 | 12 V    | 344                | 12,5       |
| MADE TO ORDER | 3.9 W | 828670 | 12 V    | 258                | 50/3       |
| 82867002      | 3.9 W | 828670 | 12 V    | 172                | 25         |
| 82867003      | 3.9 W | 828670 | 12 V    | 103                | 125/3      |
| 82867004      | 3.9 W | 828670 | 12 V    | 69                 | 62,5       |
| 82867005      | 3.9 W | 828670 | 12 V    | 34                 | 125        |
| MADE TO ORDER | 3.9 W | 828670 | 12 V    | 17                 | 250        |
| 82867006      | 3.9 W | 828670 | 12 V    | 8,6                | 500        |
| MADE TO ORDER | 3.9 W | 828670 | 12 V    | 1,72               | 2500       |
| 82867007      | 3.9 W | 828670 | 24 V    | 344                | 12,5       |
| MADE TO ORDER | 3.9 W | 828670 | 24 V    | 258                | 50/3       |
| 82867008      | 3.9 W | 828670 | 24 V    | 172                | 25         |
| 82867009      | 3.9 W | 828670 | 24 V    | 103                | 125/3      |
| 82867010      | 3.9 W | 828670 | 24 V    | 69                 | 62,5       |
| 82867011      | 3.9 W | 828670 | 24 V    | 34                 | 125        |
| MADE TO ORDER | 3.9 W | 828670 | 24 V    | 17                 | 250        |
| 82867012      | 3.9 W | 828670 | 24 V    | 8,6                | 500        |
| MADE TO ORDER | 3.9 W | 828670 | 24 V    | 1,72               | 2500       |

### Specifications

#### General characteristics

|                                                                                              |        |
|----------------------------------------------------------------------------------------------|--------|
| Motor                                                                                        | 828600 |
| Gearbox                                                                                      | 810370 |
| Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm) | 5      |
| Axial load dynamic (daN)                                                                     | 2      |
| Radial load dynamic (daN)                                                                    | 3      |
| Max. output power (W)                                                                        | 3,9    |
| Nominal output (W)                                                                           | 3      |
| Gearbox case temperature rise (°C)                                                           | 50     |
| Weight (g)                                                                                   | 465    |

### Dimensions (mm)

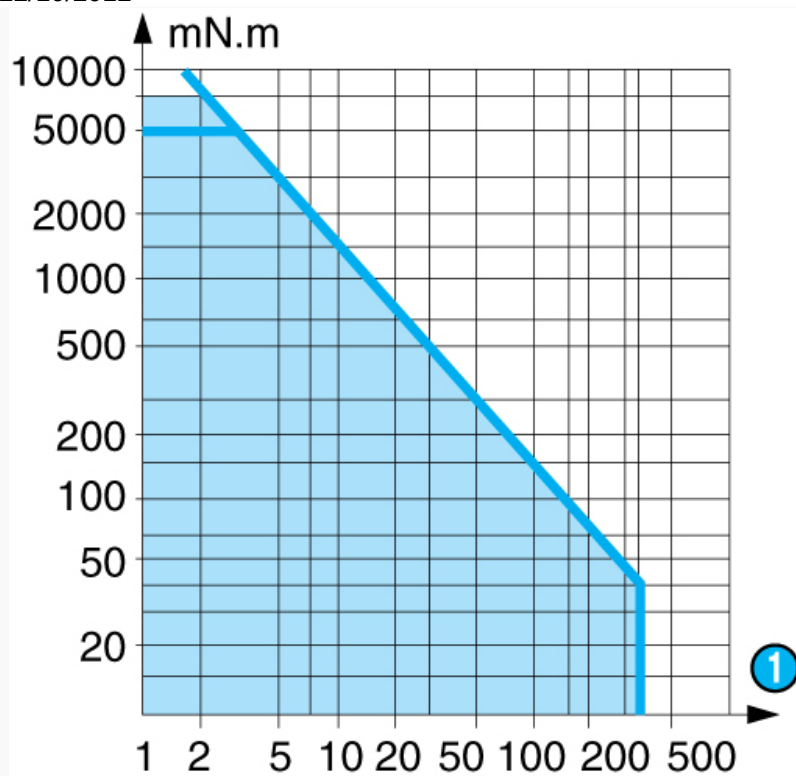
828670



Shaft 79206478



**Curve : torque/nominal speed**



| N° | Legend |
|----|--------|
| 1  | rpm    |

#### Product adaptations



- Special supply voltage
- Lead output
- 1 or 5 pulse Hall effect encoder
- Special connectors
- Special shaft
- Special reduction ratio (40 ratios available from 4 to 3750)
- Special materials for gears
- Special ball bearings
- Special adaptor plate
- EMC filter
- With shorter 1 W motor