

## 5 Nm 3.5 and 7.2 Watts 7.2 Watts Part number made to order



- Mechanical strength : 5 Nm
- Constant speed, dependent on supply frequency
- Direction of rotation controlled by dephasing capacitor
- Permanent magnet rotor
- UL, CSA, VDE approved ; comply with IEC standards

### Part numbers

|            | Type      | Type     | Voltage / Frequency | Base speed of motor (rpm) | Output speed (250 rpm) | Ratios |
|------------|-----------|----------|---------------------|---------------------------|------------------------|--------|
| 80 547 019 | 7.2 Watts | 80 547 0 | 230-240 V / 50 Hz   | 250                       | 2                      | 125    |

### Specifications

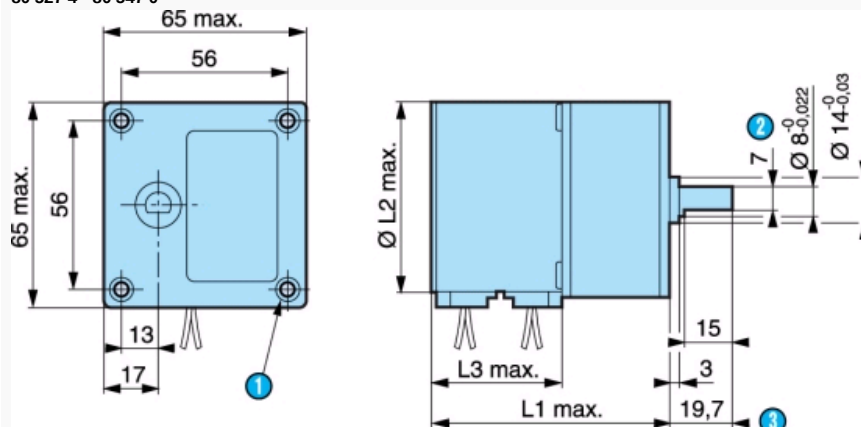
|                                                                                                                 |           |
|-----------------------------------------------------------------------------------------------------------------|-----------|
| Motor                                                                                                           | 82 540 0  |
| Gearbox                                                                                                         | 81 037 0  |
| Maximum permitted continuous rated gearbox output torque for 1 million revolutions of gearbox output shaft (Nm) | 5         |
| Axial load static (daN)                                                                                         | 2         |
| Radial load static (daN)                                                                                        | 3         |
| Absorbed power (W)                                                                                              | 7,2       |
| Motors output (W)                                                                                               | 2,65      |
| Maximum temperature rise (°C)                                                                                   | 55        |
| Ambient temperature (°C)                                                                                        | -10 → +70 |
| Weight (g)                                                                                                      | 860       |
| Wires length mm (approximately)                                                                                 | 250       |
| Protection rating                                                                                               | IP40      |

### Accessories

| Voltages/Frequencies          | μF         | V AC | Code       |
|-------------------------------|------------|------|------------|
| Capacitors for motor 82 540 0 |            |      |            |
| 230-240 V 50 Hz               | 0,22 ± 5 % | 480  | 26 231 909 |
| 115 V - 60 Hz                 | 0,56 ± 5 % | 240  | 26 231 822 |
| 24 V - 50 Hz                  | 22 ± 10 %  | 63   | 26 231 703 |
| 24 V - 60 Hz                  | 15 ± 5 %   | 70   | 26 231 728 |

### Dimensions (mm)

80 527 4 - 80 547 0

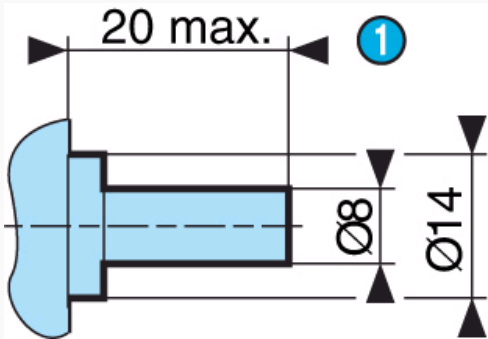


| N° | Legend            |
|----|-------------------|
| ①  | 4 holes depth 12M |
| ②  | 7 across flat     |

|   |                                                   |
|---|---------------------------------------------------|
| ❶ | (pushed-in shaft )                                |
|   | 80 527 4 L1 = 59.2 mm Ø L2 = 51.3 mm L3 = 25.6 mm |
|   | 80 547 0 L1 = 76.6 mm Ø L2 = 65.3 mm L3 = 43 mm   |

Dimensions (mm)

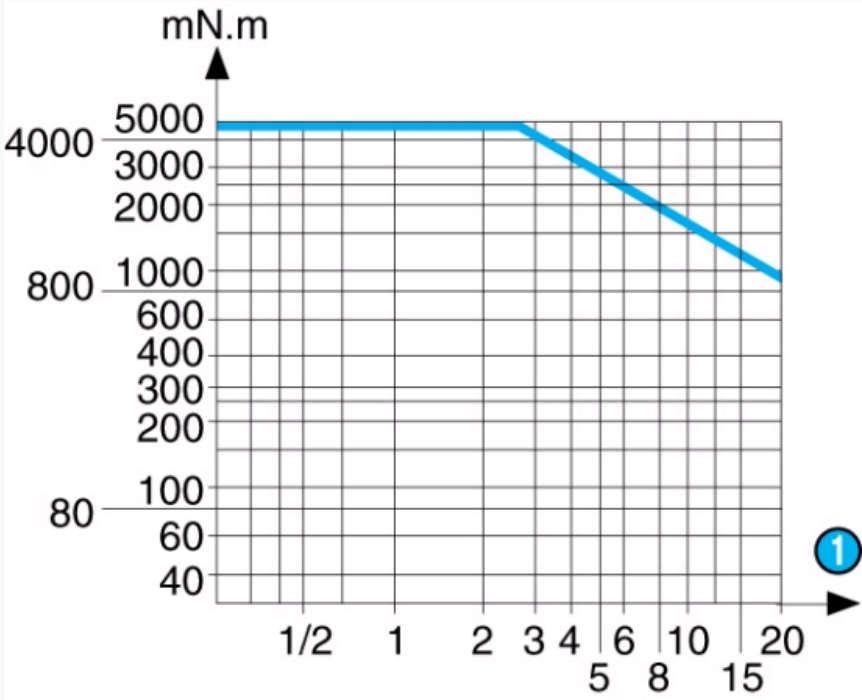
Shaft 79 206 478



| N° | Legend             |
|----|--------------------|
| ❶  | (pushed-in shaft ) |

Curves

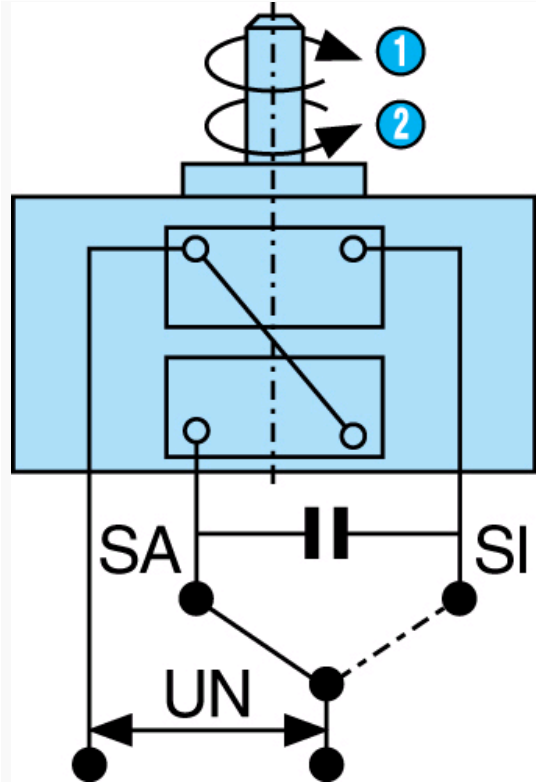
Torque/speed curves 80 547 0



| N° | Legend |
|----|--------|
| ❶  | RPM    |

Connections

In parallel  
Motors 82 520 4 - 82 540 0



| N° | Legend              |
|----|---------------------|
| 1  | SA : clockwise      |
| 2  | SI : anti-clockwise |

Product adaptations



- Different voltages available
- Special cable lengths
- Special connectors
- Special output shafts
- Special gearbox ratios
- Special gear wheel material
- Special output bearings

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