



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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### 5 Nm 2.7 and 3.5 Watts 3.5 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 (rpm)	Ratios
80 527 006	3.5 Watts	80 527 0	230-240 V / 50 Hz	250	1	250

#### Specifications

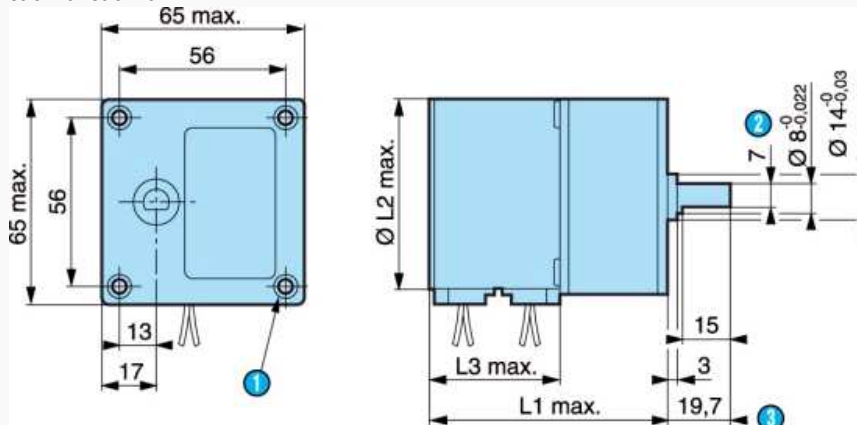
Motor	82 520 0
Gearbox	81 037 0
Maximum permitted continuous rated gearbox output torque for 1 million revolutions of gearbox output shaft (Nm)	5
Axial load static (daN)	2
Radial load static (daN)	3
Absorbed power (W)	3,5
Motors output (W)	0,98
Maximum temperature rise (°C)	50
Ambient temperature (°C)	-10 → +70
Weight (g)	530
Wires length mm (approximately)	250
Protection rating	IP40

#### Accessories

Voltages/Frequencies	µF	V AC	Code
Capacitors for motor 82 520 0			
230-240 V - 50 Hz	0,1 ± 10 %	500	26 231 941
115 V - 60 Hz	0,33 ± 10 %	400	26 231 801
24 V - 50 Hz	8,2 ± 10 %	63	26 231 711

#### Dimensions (mm)

80 517 0 - 80 527 0

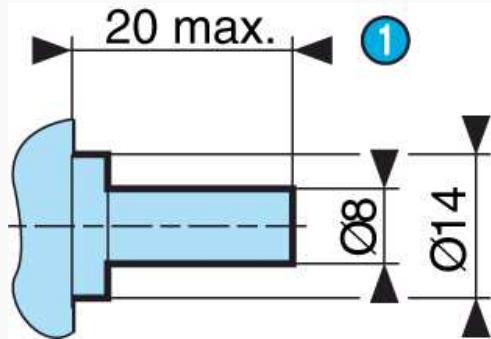


N°	Legend
①	4 holes M4 depth 12
②	7 across flat

①	(pushed-in shaft)
	80 517 0 L1 = 55.3 mm Ø L2 = 35.8 mm L3 = 21.7 mm
	80 527 0 L1 = 59.2 mm Ø L2 = 51.3 mm L3 = 25.6 mm

**Dimensions (mm)**

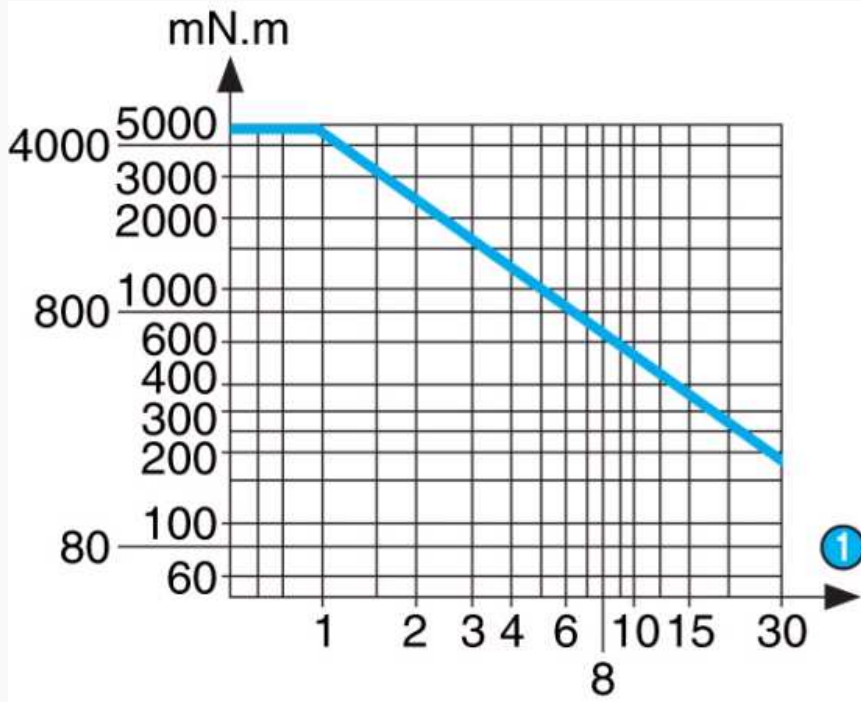
Shaft 79 206 478



N°	Legend
①	(pushed-in shaft)

**Curves**

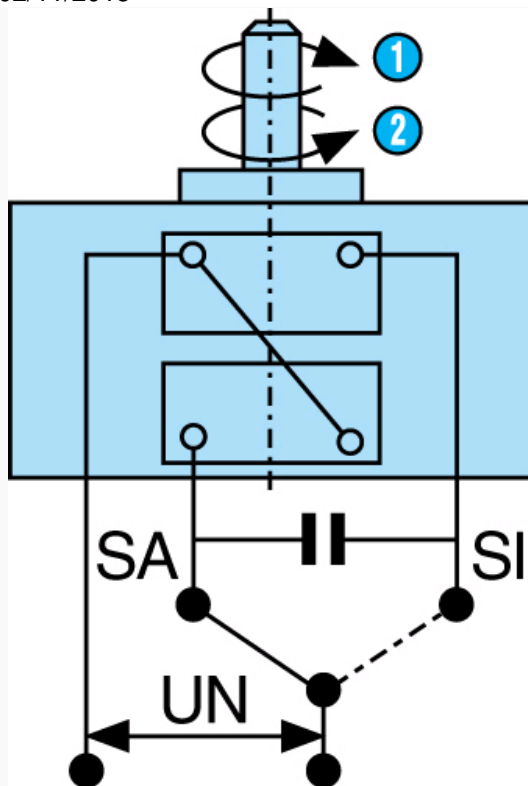
Torque/speed curves 80 527 0



N°	Legend
①	RPM

**Connections**

In parallel  
Motors 82 510 0 - 82 520 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