

# Geared stepper motors

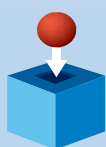
→ 0.5 Nm 5 and 7.5 Watts



## Specifications

|   | 7.5 Watts      | 7.5 Watts      | 5 Watts                          | 5 Watts                          |
|---|----------------|----------------|----------------------------------|----------------------------------|
| Type  | 82 924 0       | 82 924 0       | 82 914 5                         | 82 914 0                         |
| Number of phases  | 2              | 4              | 2 / 4                            | 2 / 4                            |
| <b>Ratios</b>   |                |                |                                  |                                  |
| 10  | 82 924 020     | 82 924 028     | •                                | •                                |
| 20  | 82 924 022     | 82 924 030     | •                                | •                                |
| 25  | •              | •              | •                                | •                                |
| 50  | •              | •              | •                                | •                                |
| 100   | •              | •              | •                                | •                                |
| 250   | •              | •              | •                                | •                                |
| 500   | •              | •              | -                                | -                                |
| <b>General characteristics</b>  |                |                |                                  |                                  |
| Stepper motor / Number of phases  | 82 920 001 / 2 | 82 920 012 / 4 | 82 910 501 / 2<br>82 910 502 / 4 | 82 910 001 / 2<br>82 910 008 / 4 |
| Gearbox   | 81 021         | 81 021         | 81 021                           | 81 021                           |
| Step angle (°)  |                |                |                                  |                                  |
| Maximum permitted torque from gearmotor under continuous conditions (N.m) | 0.5            | 0.5            | 0.5                              | 0.5                              |
| Axial load static (daN)   | 1              | 1              | 1                                | 1                                |
| Radial load static (daN)  | 8              | 8              | 8                                | 8                                |
| Absorbed power (W)  | 7.5            | 7.5            | 5                                | 5                                |
| Coil temperature (°C)   | 120            | 120            | 120                              | 120                              |
| Weight (g)  | 140            | 140            | 140                              | 140                              |
| Wires length (mm)   | 250            | 250            | 250                              | 250                              |
| Protection rating   | IP40           | IP40           | IP40                             | IP40                             |

## Product adaptations

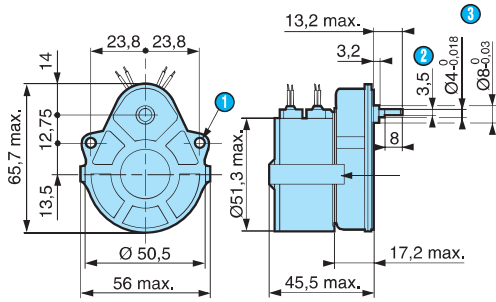


- Special output shafts
- Special supply voltages
- Special cable lengths
- Special output bearings
- Special connectors
- Special gearbox ratios
- Special mounting plate
- Special gear wheel material

To order, see page 13

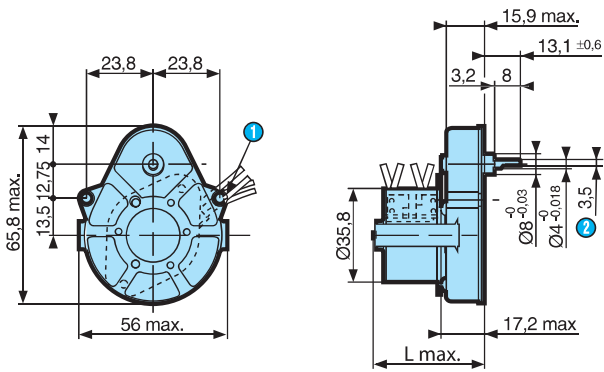
## Dimensions

82 924 0



- 1 2 fixing holes Ø 3.2
- 2 3.5 across flat
- 3 (pushed-in shaft ←)

82 914 0 - 82 914 5

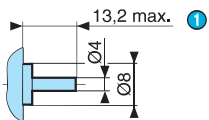


- 1 2 fixing holes Ø 3.2
- 2 3.5 across flat

82 914 0 = L max. 39.5  
82 914 5 = L max. 42.7

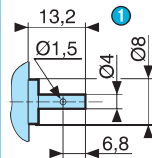
## Options

Optional shafts for 81 021  
79 200 967



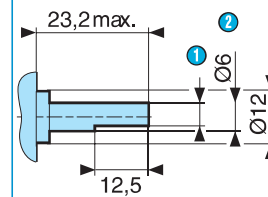
- 1 (Pushed-in shaft ←)

79 200 779



- 1 (Pushed-in shaft ←)

70 999 421  
SP 1295-10



- 1 (Pushed-in shaft ←)
- 2 5 across flat