

Single direction synchronous geared motors

- Constant speed, dependent on supply frequency
- Speeds from 0.24 rpm to 24 rpm
- Direction of rotation controlled by long-life mechanical anti-return (> 10⁶ starts)
- Permanent magnet rotor
- UL, CSA, VDE approved, comply with IEC standards.



Applications

- Office equipment
- Medical equipment
- Motorised displays
- Moving light displays
- Pumps

Type

80 337 5 80 337 5

Voltage and frequency

230 V 50 Hz 230 V 50 Hz

Direction of rotation

Anti-clockwise Clockwise

Output speeds (rpm)

Ratios (i)

Part numbers

24

25

80 337 506

80 337 507

14.40

41.66

80 337 509

80 337 508

9.60

62.5

•

•

7.20

83.33

•

•

4.80

125

80 337 514

80 337 515

2.40

250

80 337 516

80 337 517

1.20

500

80 337 519

80 337 518

0.80

750

•

•

0.24

2500

80 337 523

80 337 522

Standard gearbox shaft: see dimensions

General characteristics

Motor

82 330 5

82 330 5

Gearbox

81 037 0

81 037 0

Maximum permitted continuous rated gearbox output torque for 1 million gearbox revolutions

N.m

5

5

Radial load (static)

daN

2

2

Axial load (static)

daN

3

3

Absorbed power

W

3.5

3.5

Usable motor power

W

0.42

0.42

Maximum temperature rise

°C

55

55

Ambient temperature

°C

-5 +60

-5+60

Weight

g

480

480

Lead length (approx..)

mm

250

250

Protection

IP40

IP40

Options : for made to order products non stocked

Voltages / Frequencies

24-115 V 60 Hz

•

•

24 V 50 Hz

•

•

24-48 V 50 Hz

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115-230 V 50 Hz

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8Ø round shaft 79 206 478 (see page 2/21)

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For version with no anti-return (SAR version) see page 2/6

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Made to order products, non stocked

Motor :

- other voltages/frequencies
- lead length

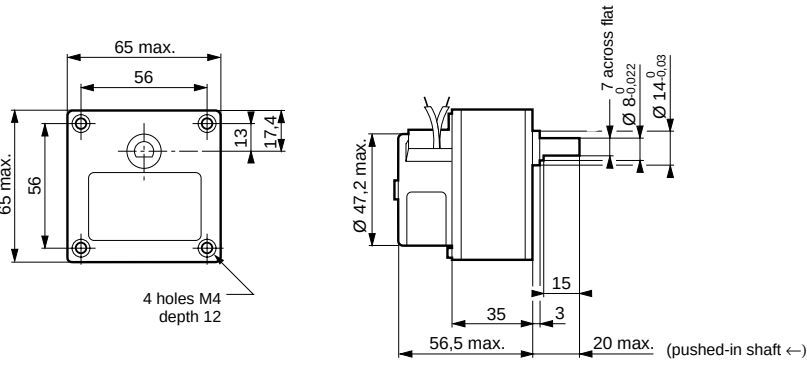
Gearbox :

- other output speeds
- special shaft
- ball bearing
- special lubrication

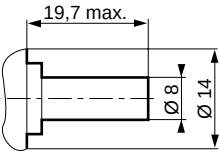
Other information

For basic principles, see page 2/6

Dimensions
80 337 5



Shaft 79 206 478
(pushed-in shaft ←)



To order, specify :	
Standard products	4 Part number Example : Synchronous geared motor - 80 337 506
Standard products, non stocked	1 Type 2 Voltage / frequency 3 Direction of rotation 4 Output speed 5 Option Example : Synchronous geared motor 80 337 5 - 115 V 50 Hz - Clockwise - 24 rpm
• Products available to order, please consult us	