

D.C. geared motors

- Speed range : 1.7 to 344 rpm
- Gearboxes with torque rating of 5 Nm, solid metal gears
- Motors : max. usable power 1 to 3.9 W
interference suppression on standard products



Applications

- Pumps
- Coin receptacles for toll systems
- Precision mechanisms
- Livestock feeding systems
- Etc...

Types

		82 867 0	82 867 0
Nominal voltage		12 V	24 V
Output speeds (rpm)	Ratios (i)	Part numbers	
344	12.5	82 867 001	82 867 007
258	50/3	●	●
172	25	82 867 002	82 867 008
103	125/3	82 867 003	82 867 009
69	62.5	82 867 004	82 867 010
34	125	82 867 005	82 867 011
17	250	●	●
8.6	500	82 867 006	82 867 012
1.72	2500	●	●

Standard gearbox shaft : see dimensions

General characteristics

		82 860 0	82 860 0
Motor		82 860 0	82 860 0
Gearbox		81 037 0	81 037 0
Maximum permitted torque on gearbox for continuous rating (for 1 million revolutions)	N.m	5	5
Axial load (dynamic)	daN	2	2
Radial load (dynamic)	daN	3	3
Maximum usable power	W	3.9	3.9
Nominal usable power	W	3	3
Gearbox case temperature rise	°C	50	50
Weight	g	465	465

Options : for standard products non stocked

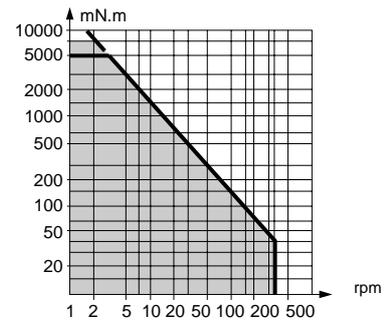
Gearbox shaft Ø 8 mm round 79 206 478

Nominal speed and torque curves

The shaded zone represents the operating range of the geared motor.

The horizontal line marks the maximum torque available in continuous duty cycle for a given life.

For higher torque ratings, service life will be reduced.



Made to order products, available on request

Motors :

- other supply voltages
- motors with 2 ball bearings
- shaft lengths at front and/or rear
- connection by radial tags or leads
- specific interference suppression

Gearbox :

- fixing by M3 holes
- ball bearing
- special shaft
- other reduction ratios

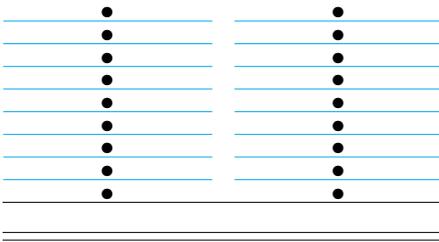
Other information

Basic principles : see page 1/7
Motors 82 840 0 - 82 860 0 : see page 1/9



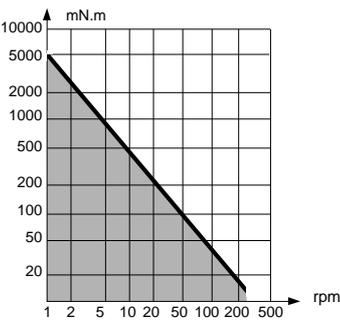
82 847 0 **82 847 0**

12 V **24 V**



82 840 0 **82 840 0**
81 037 0 **81 037 0**

5	5
2	2
3	3
1	1
0.8	0.8
50	50
465	465



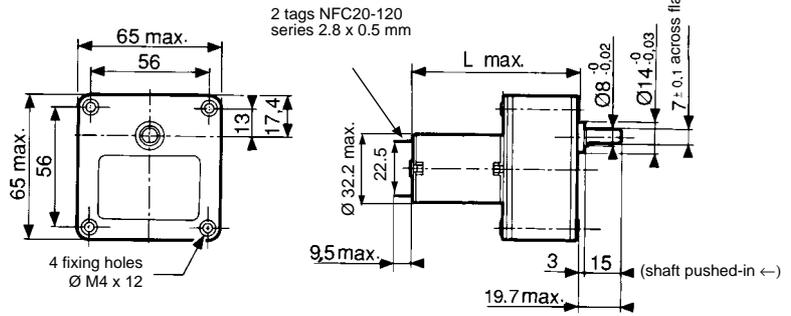
1

2

3

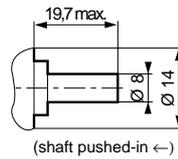
4

Dimensions :
82 867 0 - 82 847 0



Type	L max. (mm)
82 867 0	79.8
82 847 0	69.8

Non stocked product : gearbox output shaft
Shaft 79 206 478



1

To order, specify :

<p>Standard products</p>	<p>3 Part number Example : D.C. geared motor - 82 867 001</p>
<p>Standard products, non stocked</p>	<p>1 Type 2 Nominal voltage 3 Output speeds 4 Option Example : D.C. geared motor 82 867 0 - 12 V - 258 rpm - output shaft 79 206 478</p>
<p>Made to order products, available on request</p>	