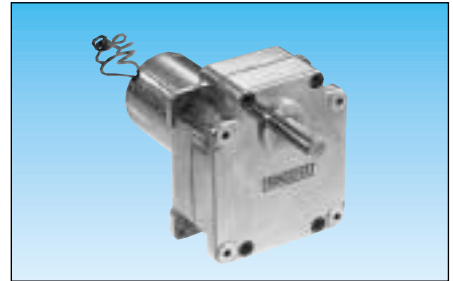


High torque D.C. geared motors

- High quality geared motor, moulded aluminium case, all gear mechanisms treated
- Ball bearing on drive shaft
- Torque rating : 5 Nm, for long life
- Standard speed range : 4.7 to 425 rpm
- Motors : maximum usable power 67 to 255 W



Applications

- High power motorised valves
- Advertising displays
- Agro-foodstuffs industry : grinders, stirrers, rotisseries, livestock feeding machines
- Medical : X-ray, rehabilitation, laboratory equipment
- All automatic access points (turnstiles, doors, windows)
- Materials handling : belts for conveying and transfers
- High power peristaltic pumps
- Motorised switch units

Made to order products, available on request

Motor

- integrated interference suppression
- other supply voltages
- rear shaft extension

Geared motor

- special lubrication
- special shaft

Types

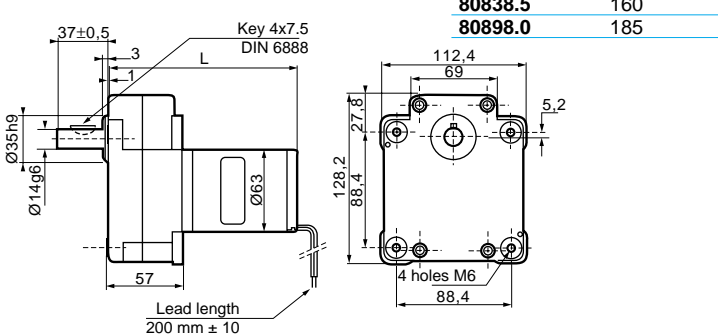
		80 838 5	80 838 5	80 898 0	
Nominal voltage		12 V	24 V	24 V	
Standard motor speed (rpm)		3000	3000	3400	
Output speeds (rpm)	Ratios (i)	Part numbers			
80 838 5	80 898 0				
375	425	8	80 838 501	80 838 502	80 898 001
250	283	12	80 838 503	80 838 504	80 898 002
200	227	15	80 838 505	80 838 506	80 898 003
125	142	24	80 838 507	80 838 508	80 898 004
83	94	36	80 838 509	80 838 510	80 898 005
47	54	63	80 838 511	80 838 512	80 898 006
27	31	110	80 838 513	80 838 514	80 898 007
18	20	166	80 838 515	80 838 516	80 898 008
11.6	13	259	80 838 517	80 838 518	80 898 009
7.3	8.3	408	80 838 519	80 838 520	80 898 010
4.7	5.3	637	80 838 521	80 838 522	80 898 011

Standard gearbox shaft : see dimensions

General characteristics

		82 830 5	82 830 5	82 890 0
Motor		81 048 0	81 048 0	81 048 0
Gearbox		10	10	10
Maximum permitted torque on gearbox for continuous duty	1)	20	20	20
	2)	20	20	20
Axial load (dynamic)	N.m	75	75	75
Radial load (dynamic)	daN	75	75	75
Maximum usable power	W	67	67	194
Nominal usable power	W	50	50	90
Gearbox case temperature rise	°C	50	50	50
Weight	g	2100	2100	2600

Dimensions



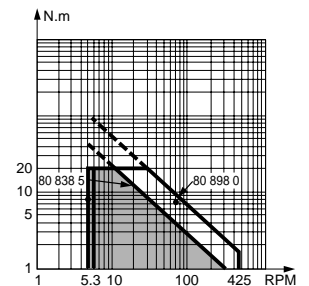
Nominal speed and torque curves

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.

- 1) 10 million revolutions 10 Nm
- 2) 1 million revolutions 20 Nm



To order, specify :

Made to order products, available on request

4 Part numbers

Example : High torque D.C. geared motor 80 838 505