

BRUSHLESS DC geared motors

- All-metal gearbox, with ball bearing on output shaft
- Speed range : 1.5 to 806 rpm
- Torque rating : 0.3 to 5 Nm depending on reduction ratio
- Associated Brushless motor : 30 watts max.



OPTIONS : on request

- Special reduction ratio
- Special greasing
- Shaft adaptation
- Stainless steel shaft option
- Motor : see page 1/55

Types

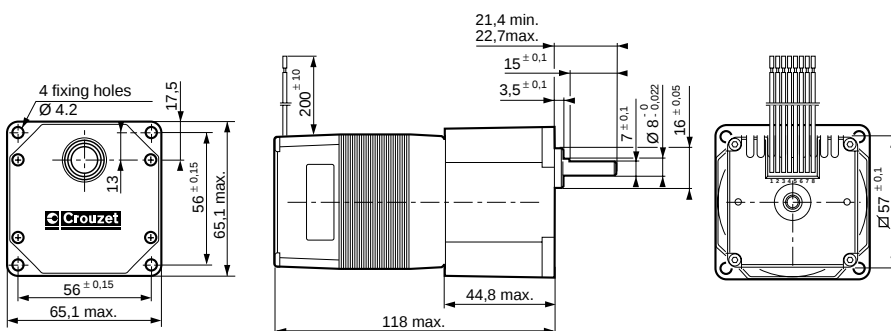
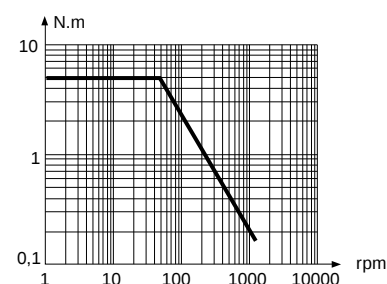
			80 035 5	80 035 5
Nominal voltage			24 V	24 V
Gearbox output speeds (rpm)			Part numbers	
Without speed regulation			•	•
With speed regulation			•	•
10%	100% of speed (rpm)	Ratios		
81 to	806	4.22	80 035 501	80 035 508
51 to	504	6.75	•	•
45 to	444	7.66	80 035 502	80 035 509
28 to	278	12.25	•	•
23 to	222	15.31	80 035 503	80 035 510
14 to	139	24.5	80 035 504	80 035 511
9 to	89	38.28	•	•
7 to	69	49	80 035 505	80 035 512
6 to	56	61.25	•	•
3 to	28	122.5	•	•
1.5 to	14	245	•	•

General characteristics

Motor		80 030	80 030
Gearbox		81 035 5	81 035 5
Maximum permitted gearbox torque in steady state	Nm	5	5
Axial load (dynamic)	daN	6	6
Radial load (dynamic)	daN	6	6
Nominal usable power	W	24	24
Casing temperature	°C	58	58
Weight	g	1300	1300

Curve : nominal torque/speed

The unbroken line represents the maximum operating ranges for the geared motors in continuous operation.



To order, specify :

Standard products

3 Part number

Example : Brushless DC geared motor - 80 035 502

Standard products, non stocked

1 Type

2 Nominal voltage

3 Output speed

Example : BRUSHLESS DC geared motor - 80 035 5 - 24 V - With speed regulation 222 rpm.