

**Model No.****NFP-GM12-N20-02501-10D**

1. Application

This article regulates the relevant technical requirements of model NFP-GM12-N20-02501-10D, 12.0V DC, Ratio 250:1 DC gear motor.

2. Motor Parameters

MODEL	NFP-GM12-N20-02501-10D-12.0V
Nominal voltage	12V DC
No-load speed	128 ± 10%rpm
No-load current	125mA max
Rated load	<u>200g.cm</u>
Load speed	114 ± 10%rpm
Load current	215mA max
Stall torque	≥ 3,600g.cm
Stall current	1.4A
Start voltage	1.8V max
Output shaft length	10.0 ± 0.1mm
Rotation	CW
Noise	50dB
Test temperature	25°C
Humidity	40%
Max Efficiency torque	<u>836.4gf.cm</u>
Max Efficiency speed	98.3rpm
Max Efficiency current	321.6mA
Max Efficiency power	0.86w
Max Efficiency	22.3%

3. Outline Drawing

