**Specifications**

* Operating voltage: between 3 V and 9 V
* Nominal voltage: 6 V
* Free-run speed at 6 V: 133 RPM
* Free-run current at 6 V: 80 mA
* Stall current at 6V: 900 mA or 3 A
* Stall torque at 6V: 6 kg·cm
* Gear ratio: 1:45
* Reductor size: 21 mm
* Weight: 86 g
* Efficiency: IE 2
* MOQ: 100pcs

Continuous Current(A): 300ma

Tourq : 6 : 8 KG.CM

Certification: CE, ROHS

Output power : 2.2 W

Gear ratio : 1:75

Rated torque : 25.4 N.CM

**Data sheet**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Workable | Rated | Speed | Current | Speed | Current | Torque | Output | Torque | Current | Ratio | Size | unit |
| Range | Volt.V | rpm | ma | rpm | ma | kg.cm | W | kg.cm | ma | 1:00 | mm | g |
| 3-9V | 6V | 1363 | 60 | 1090 | 300 | 0.1 | 2 | 0.8 | 900 | 4.4 | 15 | 80 |
| 3-9V | 6V | 646 | 60 | 516 | 300 | 0.23 | 2 | 1.5 | 900 | 9.28 | 17 | 82 |
| 3-9V | 6V | 281 | 60 | 238 | 300 | 0.5 | 2 | 4 | 900 | 21.3 | 19 | 84 |
| 3-9V | 6V | 176 | 60 | 150 | 300 | 0.85 | 2 | 5 | 900 | 34 | 21 | 85 |
| 3-9V | 6V | 133 | 60 | 113 | 300 | 1.1 | 2 | 6 | 900 | 45 | 21 | 86 |
| 3-9V | 6V | 77 | 60 | 65 | 300 | 1.95 | 2 | 10 | 900 | 78 | 23 | 88 |
| 3-9V | 6V | 58 | 60 | 46 | 300 | 3 | 2 | 15 | 900 | 103 | 23 | 89 |
| 3-9V | 6V | 35 | 60 | 28 | 280 | 4 | 2 | 25 | 900 | 171 | 25 | 91 |
| 3-9V | 6V | 26 | 60 | 20 | 280 | 5 | 2 | 35 | 900 | 226 | 25 | 92 |
| 3-9V | 6V | 16 | 60 | 13 | 280 | 9 | 2 | ban | 900 | 378 | 27 | 94 |
| 3-9V | 6V | 12 | 60 | 10 | 280 | 10 | 2 | ban | 900 | 500 | 27 | 96 |
| 6-18V | 12V | 1931 | 50 | 1351 | 250 | 0.11 | 4 | 0.44 | 1200 | 4.4 | 15 | 80 |
| 6-18V | 12V | 915 | 50 | 640 | 250 | 0.24 | 4 | 1 | 1200 | 9.28 | 17 | 82 |
| 6-18V | 12V | 399 | 50 | 279 | 250 | 0.55 | 4 | 2.2 | 1200 | 21.3 | 19 | 84 |
| 6-18V | 12V | 250 | 50 | 175 | 240 | 0.95 | 4 | 38 | 1200 | 34 | 21 | 85 |
| 6-18V | 12V | 188 | 50 | 131 | 240 | 1.26 | 4 | 5 | 1200 | 45 | 21 | 86 |
| 6-18V | 12V | 108 | 50 | 75 | 240 | 2.1 | 4 | 8.4 | 1200 | 78 | 23 | 88 |
| 6-18V | 12V | 82 | 50 | 57 | 240 | 2.88 | 4 | 11 | 1200 | 103 | 23 | 89 |
| 6-18V | 12V | 50 | 50 | 40 | 240 | 4.78 | 4 | 18 | 1200 | 171 | 25 | 91 |
| 6-18V | 12V | 37 | 50 | 29 | 240 | 6.3 | 4 | 14 | 1200 | 226 | 25 | 92 |
| 6-18V | 12V | 22 | 50 | 17 | 240 | 10 | 4 | ban | 1200 | 378 | 27 | 94 |
| 6-18V | 12V | 17 | 50 | 13 | 240 | 14 | 4 | ban | 1200 | 500 | 27 | 96 |
| 12-36V | 24V | 863 | 10 | 690 | 260 | 0.083 | 1 | 0.4 | 800 | 4.4 | 15 | 80 |
| 12-36V | 24V | 409 | 10 | 327 | 260 | 0.17 | 1 | 0.88 | 800 | 9.28 | 17 | 82 |
| 12-36V | 24V | 178 | 10 | 142 | 260 | 0.4 | 1 | 2 | 800 | 21.3 | 19 | 84 |
| 12-36V | 24V | 111 | 10 | 88 | 260 | 0.64 | 1 | 3.2 | 800 | 34 | 21 | 85 |
| 12-36V | 24V | 84 | 10 | 67 | 260 | 0.85 | 1 | 4.2 | 800 | 45 | 21 | 86 |
| 12-36V | 24V | 48 | 10 | 38 | 260 | 1.4 | 1 | 7.4 | 800 | 78 | 23 | 88 |
| 12-36V | 24V | 36 | 10 | 28 | 260 | 1.9 | 1 | 9.5 | 800 | 103 | 23 | 89 |
| 12-36V | 24V | 22 | 10 | 17 | 260 | 3.2 | 1 | 16 | 800 | 171 | 25 | 91 |
| 12-36V | 24V | 17 | 10 | 13 | 260 | 4.2 | 1 | 21 | 800 | 226 | 25 | 92 |
| 12-36V | 24V | 10 | 10 | 8 | 260 | 7 | 1 | 35 | 800 | 378 | 27 | 94 |
| 12-36V | 24V | 7.5 | 10 | 6 | 260 | 9.5 | 1 | 47 | 800 | 500 | 27 | 96 |

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