

**Typical Application**



**Audio and Visual Equipment**

- CD / MD Player
- Cassette Tape
- Recorder
- CD/DVD ROM Drive

**Household Appliance**

- Blood Pressure Meter
  - Toothbrush
  - Facial Massager
- Toys and Model**
- Motorized Toys

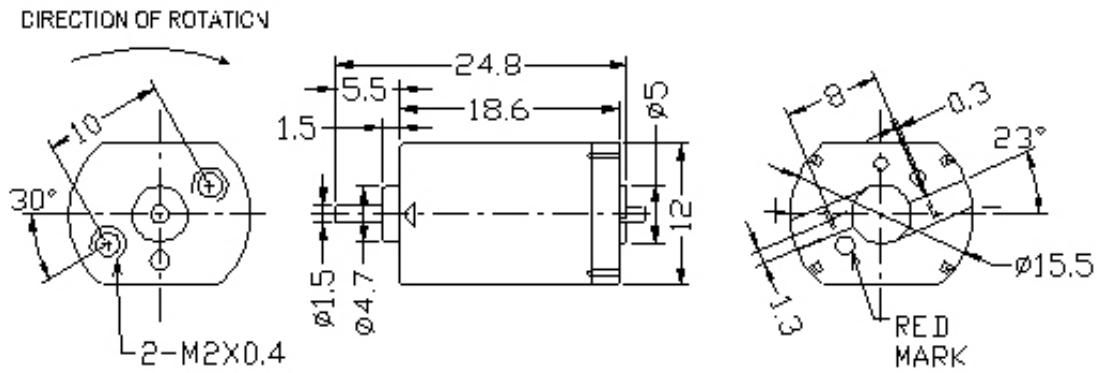
Precious metal-brush motor

Output : Appro 0.05W ~ 1.2W

| Model           | Voltage         |                     | Free load      |             | At Max. Efficiency |             |               |            | Stall Torque (g.cm) |
|-----------------|-----------------|---------------------|----------------|-------------|--------------------|-------------|---------------|------------|---------------------|
|                 | Operating range | Nominal Voltage (V) | Speed (r.p.m.) | Current (A) | Speed (r.p.m.)     | Current (A) | Torque (g.cm) | Output (W) |                     |
| QX-FF-030-09210 | 1~6V            | 4.7                 | 9800           | 0.045       | 7400               | 0.15        | 4.0           | 0.30       | 17                  |
| QX-FF-030-08250 | 1~6V            | 2.5                 | 4100           | 0.028       | 2940               | 0.071       | 2.1           | 0.064      | 7.6                 |
| QX-FF-030-08250 | 1~6V            | 6.0                 | 10500          | 0.041       | 8000               | 0.13        | 4.3           | 0.35       | 19                  |

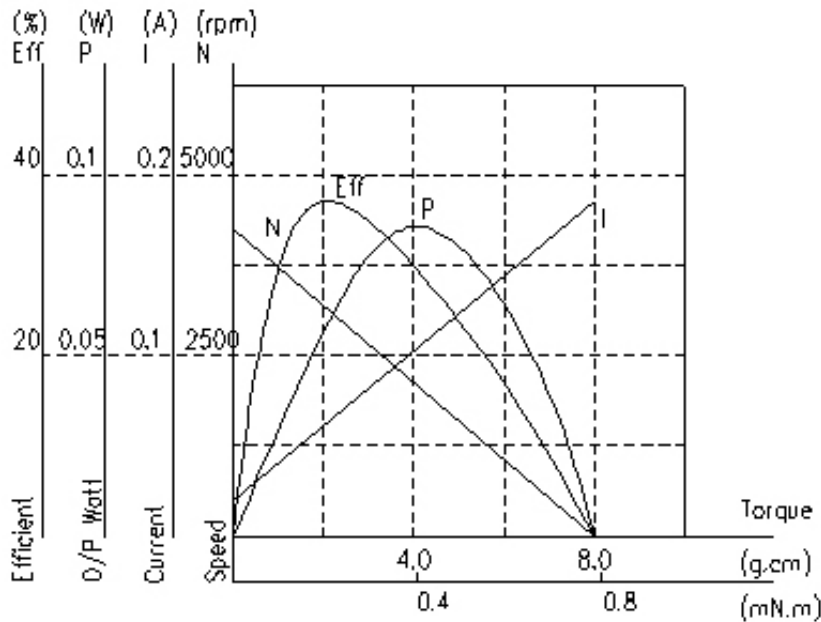
**Dimensions**

Unit: mm



**Characteristic Curve**

QX-FF-030-08250 2.5V



Electrical characteristic for reference only (w/ ±15% tolerance)