

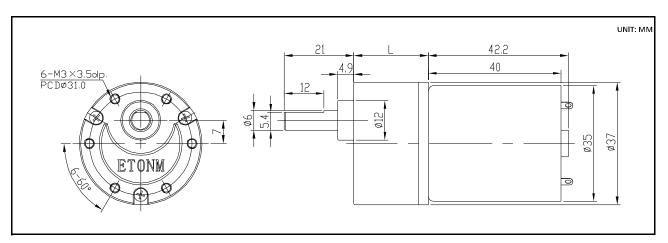
### ET-SGM37-A

**ETONM MOTOR** WEIGHT: 350g(APPROX)

Performance Ranage Voltage: 6~24VDC 1~1600rpm Speed: 0.5~90kg.cm Torque:

**Typical Applications** Vending and Banking System Sanitary and Cleaning Robtics and Equipment

| Gear Ratio Stage  | 2     | 3  | 4  | 5   | 6   |
|-------------------|-------|----|----|-----|-----|
|                   | 10 20 |    | 50 | 120 | 450 |
| Gear Ratio        |       | 30 | 70 | 150 | 490 |
|                   |       |    | 90 | 210 | 630 |
| Geal Natio        |       |    |    | 270 | 810 |
|                   |       |    |    |     |     |
|                   |       |    |    |     |     |
| Gearbox Length(L) | 22.5  |    |    | 2   | 4.1 |



|                         | VOL                 | TAGE    | NO I  | LOAD    | I TA  | MAX EFFICIE | NCY    | AT S    | TALL   |
|-------------------------|---------------------|---------|-------|---------|-------|-------------|--------|---------|--------|
|                         | OPERATIO<br>N RANGE | NOMINAL | SPEED | CURRENT | SPEED | CURRENT     | TORQUE | CURRENT | TORQUE |
|                         | MANGE               |         | r/min | Α       | r/min | Α           | kg.cm  | Α       | kg.cm  |
| ET-SGM37A-12600         | 6.0-14.0            | 12.0    | 600   | ≤0.1    | 492   | ≤0.5        | 1.6    | ≤2.4    | 8      |
| ET-SGM37A-12300         | 6.0-14.0            | 12.0    | 300   | ≤0.1    | 240   | ≤0.5        | 3.2    | ≤2.4    | 16     |
| ET-SGM37A-12200         | 6.0-14.0            | 12.0    | 200   | ≤0.1    | 160   | ≤0.5        | 4.8    | ≤2.4    | 24     |
| ET-SGM37A-12120         | 6.0-14.0            | 12.0    | 120   | ≤0.1    | 91    | ≤0.5        | 7.5    | ≤2.4    | 40     |
| ET-SGM37A-1285          | 6 .0-14.0           | 12.0    | 86    | ≤0.1    | 64    | ≤0.5        | 10.5   | ≤2.4    | 56     |
| ET-SGM37A-1267          | 6.0-14.0            | 12.0    | 67    | ≤0.1    | 50    | ≤0.5        | 13.5   | ≤2.4    | 72     |
| ET-SGM37A-1250          | 6.0-14.0            | 12.0    | 50    | ≤0.1    | 37    | ≤0.5        | 17     | ≤2.4    | 96     |
| ET-SGM37A-1240          | 6.0-14.0            | 12.0    | 40    | ≤0.1    | 29    | ≤0.5        | 22     | ≤2.4    | 100*   |
| ET-SGM37A-1229          | 6 .0-14.0           | 12.0    | 29    | ≤0.1    | 21    | ≤0.5        | 30     | ≤2.4    | 100*   |
| ET-SGM37A-1222          | 6 .0-14.0           | 12.0    | 22    | ≤0.1    | 15    | ≤0.5        | 38     | ≤2.4    | 100*   |
| ET-SGM37A-1213          | 6.0-14.0            | 12.0    | 13    | ≤0.1    | 9     | ≤0.5        | 63     | ≤2.4    | 100*   |
| ET-SGM37A-1212          | 6.0-14.0            | 12.0    | 12    | ≤0.1    | 8.5   | ≤0.5        | 67     | ≤2.4    | 100*   |
| ET-SGM37A-129.5         | 6.0-14.0            | 12.0    | 9.5   | ≤0.1    | 6     | ≤0.5        | 82     | ≤2.4    | 100*   |
| ET-SGM3 <b>7</b> A-1207 | 6.0-14.0            | 12.0    | 7     | ≤0.1    | 4.5   | ≤0.5        | 100*   | ≤2.4    | 100*   |

- 1. Shaft dimension can be customized.
- 2. The Voltage can be 6V, 9V, 12V, 24V; The DC Motor's speed is adjustable.
- 3. This gearbox can matched with other DC Motor.



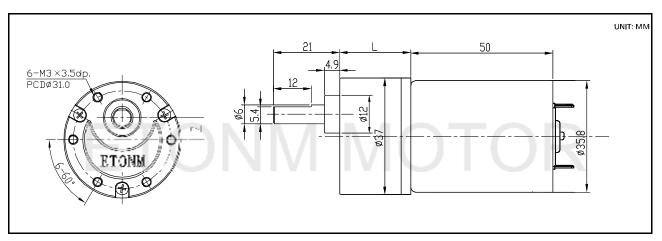
### ET-SGM37-D2

# ETONM MOTOR WEIGHT: 350g(APPROX)

Precise Metal Gearbox

Performance Ranage Voltage: 6~24VDC Speed: 1~1600rpm Torque: 1~100kg.cm Typical Applications
Vending and Banking System
Sanitary and Cleaning
Robtics and Equipment

| Gear Ratio Stage  | 2    | 3  | 4  | 5   | 6   |
|-------------------|------|----|----|-----|-----|
| Gear Ratio        | 10   | 20 | 50 | 120 | 450 |
|                   |      | 30 | 70 | 150 | 490 |
|                   |      |    | 90 | 210 | 630 |
| Geal Natio        |      |    |    | 270 | 810 |
|                   |      |    |    |     |     |
|                   |      |    |    |     |     |
| Gearbox Length(L) | 27.5 |    |    | 2   | 9.1 |



|                  | VOL                 | TAGE    | NO I  | LOAD    | A     | AT RATED L | OAD    | AT S    | TALL   |
|------------------|---------------------|---------|-------|---------|-------|------------|--------|---------|--------|
|                  | OPERATIO<br>N RANGE | NOMINAL | SPEED | CURRENT | SPEED | CURRENT    | TORQUE | CURRENT | TORQUE |
|                  | MANGE               | ld l    | r/min | Α       | r/min | А          | kg.cm  | Α       | kg.cm  |
| ET-SGM37D2-12600 | 6.0 -14.0           | 12.0    | 600   | ≤0.35   | 486   | ≤1.4       | 1.35   | ≤6.0    | 7      |
| ET-SGM37D2-12300 | 6.0-14.0            | 12.0    | 300   | ≤0.35   | 218   | ≤1.4       | 2.47   | ≤6.0    | 9      |
| ET-SGM37D2-12200 | 6.0-14.0            | 12.0    | 200   | ≤0.35   | 146   | ≤1.4       | 3.7    | ≤6.0    | 13.7   |
| ET-SGM37D2-12120 | 6.0-14.0            | 12.0    | 120   | ≤0.35   | 78    | ≤1.4       | 5.5    | ≤6.0    | 15.7   |
| ET-SGM37D2-1286  | 6.0-14.0            | 12.0    | 86    | ≤0.35   | 56    | ≤1.4       | 7.7    | ≤6.0    | 22     |
| ET-SGM37D2-1267  | 6.0-14.0            | 12.0    | 67    | ≤0.35   | 43    | ≤1.4       | 10     | ≤6.0    | 28     |
| ET-SGM37D2-1250  | 6.0-14.0            | 12.0    | 50    | ≤0.35   | 30    | ≤1.4       | 12.3   | ≤6.0    | 31     |
| ET-SGM37D2-1240  | 6.0-14.0            | 12.0    | 40    | ≤0.35   | 24    | ≤1.4       | 15.3   | ≤6.0    | 38.3   |
| ET-SGM37D2-1229  | 6.0-14.0            | 12.0    | 29    | ≤0.35   | 17    | ≤1.4       | 21.5   | ≤6.0    | 52     |
| ET-SGM37D2-1222  | 6.0-14.0            | 12.0    | 22    | ≤0.35   | 13    | ≤1.4       | 28     | ≤6.0    | 68     |
| ET-SGM37D2-1213  | 6.0-14.0            | 12.0    | 13    | ≤0.35   | 7     | ≤1.4       | 40     | ≤6.0    | 100*   |
| ET-SGM37D2-1212  | 6.0-14.0            | 12.0    | 12    | ≤0.35   | 6.5   | ≤1.4       | 40     | ≤6.0    | 100*   |
| ET-SGM37D2-129.5 | 6.0-14.0            | 12.0    | 9.5   | ≤0.35   | 5     | ≤1.4       | 40     | ≤6.0    | 100*   |
| ET-SGM37D2-1207  | 6.0-14.0            | 12.0    | 7     | ≤0.35   | 3.5   | ≤1.4       | 40     | ≤6.0    | 100*   |

- 1. Shaft dimension can be customized.
- 2. The Voltage can be 6V, 9V, 12V, 24V; The DC Motor's speed is adjustable.
- 3. This gearbox can matched with other DC Motor.



### ET-SGM37BL-A

#### Precise Metal Gearbox

Performance Ranage Voltage: 6~24VDC Speed: 1~900rpm

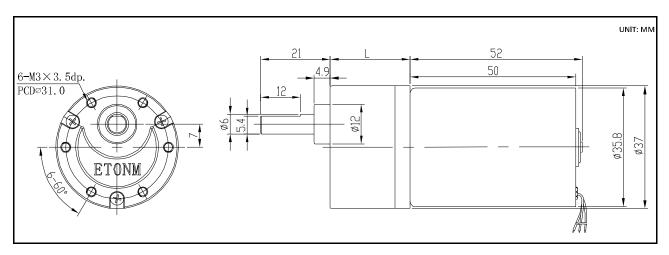
Torque: 0.5~100kg.cm

### **ETONM MOTOR**

WEIGHT: 400g(APPROX)

Typical Applications
Vending and Banking System
Sanitary and Cleaning
Robtics and Equipment

| Gear Ratio Stage  | 2     | 3  | 4  | 5   | 6   |
|-------------------|-------|----|----|-----|-----|
|                   | 10 20 |    | 50 | 120 | 450 |
| Gear Ratio        |       | 30 | 70 | 150 | 490 |
|                   |       |    | 90 | 210 | 630 |
| Geal Natio        |       |    |    | 270 | 810 |
|                   |       |    |    |     |     |
|                   |       |    |    |     |     |
| Gearbox Length(L) | 27.5  |    |    | 25  | 9.1 |



|                   | VOL                 | TAGE    | NO I  | _OAD    | I TA  | MAX EFFICIE | NCY    | AT S    | TALL   |
|-------------------|---------------------|---------|-------|---------|-------|-------------|--------|---------|--------|
|                   | OPERATIO<br>N RANGE | NOMINAL | SPEED | CURRENT | SPEED | CURRENT     | TORQUE | CURRENT | TORQUE |
|                   | MANGE               |         | r/min | Α       | r/min | А           | kg.cm  | А       | kg.cm  |
| ET-SGM37BLA-24500 | 20.0-28.0           | 24.0    | 500   | ≤0.10   | 400   | ≤0.18       | 1.6    | ≤1.8    | 8      |
| ET-SGM37BLA-24250 | 20.0-28.0           | 24.0    | 250   | ≪0.10   | 200   | ≤0.18       | 3.2    | ≤1.8    | 16     |
| ET-SGM37BLA-24167 | 20.0-28.0           | 24.0    | 167   | ≤0.10   | 133   | ≤0.18       | 4.8    | ≤1.8    | 24     |
| ET-SGM37BLA-24100 | 20.0-28.0           | 24.0    | 100   | ≤0.10   | 78    | ≤0.18       | 7.5    | ≤1.8    | 40     |
| ET-SGM37BLA-2471  | 20.0-28.0           | 24.0    | 71    | ≤0.10   | 55    | ≤0.18       | 10.5   | ≤1.8    | 56     |
| ET-SGM37BLA-2455  | 20.0-28.0           | 24.0    | 55    | ≤0.10   | 42    | ≤0.18       | 13.5   | ≤1.8    | 72     |
| ET-SGM37BLA-2442  | 20.0-28.0           | 24.0    | 42    | ≤0.10   | 32    | ≤0.18       | 17     | ≤1.8    | 96     |
| ET-SGM37BLA-2433  | 20.0-28.0           | 24.0    | 33    | ≤0.10   | 25    | ≤0.18       | 22     | ≤1.8    | 100*   |
| ET-SGM37BLA-2412  | 20.0-28.0           | 24.0    | 12    | ≤0.10   | 18    | ≤0.18       | 30     | ≤1.18   | 100*   |
| ET-SGM37BLA-2418  | 20.0-28.0           | 24.0    | 18    | ≤0.10   | 13    | ≤0.18       | 38     | ≤1.8    | 100*   |
| ET-SGM37BLA-2411  | 20.0-28.0           | 24.0    | 11    | ≤0.10   | 8     | ≤0.18       | 63     | ≤1.8    | 100*   |
| ET-SGM37BLA-2410  | 20.0-28.0           | 24.0    | 10    | ≤0.10   | 7     | ≤0.18       | 67     | ≤1.8    | 100*   |
| ET-SGM37BLA-2408  | 20.0-28.0           | 24.0    | 8     | ≤0.10   | 5     | ≪0.18       | 82     | ≤1.8    | 100*   |
| ET-SGM37BLA-2406  | 20.0-28.0           | 24.0    | 6     | ≤0.10   | 4     | ≤0.18       | 100*   | ≤1.8    | 100*   |

- 1. Shaft dimension can be customized.
- 2. The Voltage can be 6V, 9V, 12V, 24V; The DC Motor's speed is adjustable.
- 3. This gearbox can matched with other DC Motor.



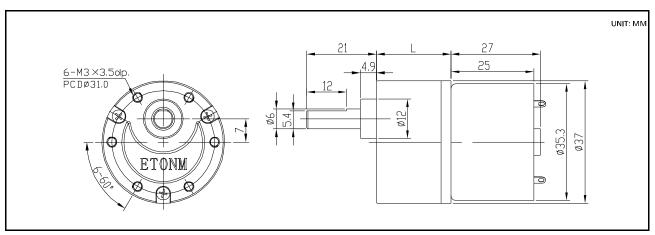
## ET-SGM37-C

# ETONM MOTOR WEIGHT: 200g(APPROX)

Precise Metal Gearbox

Performance Ranage Voltage: 6~12VDC Speed: 1~1600rpm Torque: 0.5~90kg.cm Typical Applications Vending and Banking System Sanitary and Cleaning Robtics and Equipment

| Gear Ratio Stage  | 2     | 3  | 4  | 5   | 6   |
|-------------------|-------|----|----|-----|-----|
| Gear Ratio        | 10 20 |    | 50 | 120 | 450 |
|                   |       | 30 | 70 | 150 | 490 |
|                   |       |    | 90 | 210 | 630 |
| Geal Natio        |       |    |    | 270 | 810 |
|                   |       |    |    |     |     |
|                   |       |    |    |     |     |
| Gearbox Length(L) | 22.5  |    |    | 24  | 4.1 |



|                 | VOL                 | TAGE    | NO I  | _OAD    | I TA  | MAX EFFICIE | NCY    | AT S    | TALL   |
|-----------------|---------------------|---------|-------|---------|-------|-------------|--------|---------|--------|
| MODEL OPERAT    | OPERATIO<br>N RANGE | NOMINAL | SPEED | CURRENT | SPEED | CURRENT     | TORQUE | CURRENT | TORQUE |
|                 | MANGE               | ITANGE  | r/min | Α       | r/min | А           | kg.cm  | Α       | kg.cm  |
| ET-SGM37C-24500 | 12.0-24.0           | 24.0    | 500   | ≤0.03   | 400   | ≤0.11       | 0.8    | ≤0.6    | 3      |
| ET-SGM37C-24250 | 12.0-24.0           | 24.0    | 250   | ≤0.03   | 200   | ≤0.11       | 1.6    | ≤0.6    | 6      |
| ET-SGM37C-24167 | 12.0-24.0           | 24.0    | 167   | ≤0.03   | 133   | ≤0.11       | 2.4    | ≤0.6    | 9      |
| ET-SGM37C-24100 | 12.0-24.0           | 24.0    | 100   | ≤0.03   | 78    | ≤0.11       | 3.9    | ≤0.6    | 15     |
| ET-SGM37C-2471  | 12.0-24.0           | 24.0    | 71    | ≤0.03   | 55    | ≤0.11       | 5.5    | ≤0.6    | 21     |
| ET-SGM37C-2455  | 12.0-24.0           | 24.0    | 55    | ≤0.03   | 42    | ≤0.11       | 7      | ≤0.6    | 27     |
| ET-SGM37C-2442  | 12.0-24.0           | 24.0    | 42    | ≤0.03   | 32    | ≤0.11       | 9      | ≤0.6    | 45     |
| ET-SGM37C-2433  | 12.0-24.0           | 24.0    | 33    | ≤0.03   | 25    | ≤0.11       | 11     | ≤0.6    | 63     |
| ET-SGM37C-2412  | 12.0-24.0           | 24.0    | 12    | ≤0.03   | 18    | ≤0.11       | 15     | ≤0.6    | 81     |
| ET-SGM37C-2418  | 12.0-24.0           | 24.0    | 18    | ≤0.03   | 13    | ≤0.11       | 20     | ≤0.6    | 100*   |
| ET-SGM37C-2411  | 12.0-24.0           | 24.0    | 11    | ≤0.03   | 8     | ≤0.11       | 31     | ≤0.6    | 100*   |
| ET-SGM37C-2410  | 12.0-24.0           | 24.0    | 10    | ≤0.03   | 7     | ≤0.11       | 34     | ≤0.6    | 100*   |
| ET-SGM37C-2408  | 12.0-24.0           | 24.0    | 8     | ≤0.03   | 5     | ≤0.11       | 41     | ≤0.6    | 100*   |
| ET-SGM37C-2406  | 12.0-24.0           | 24.0    | 6     | ≤0.03   | 4     | ≤0.11       | 52     | ≤0.6    | 100*   |

- 1. Shaft dimension can be customized.
- 2. The Voltage can be 6V, 9V, 12V, 24V; The DC Motor's speed is adjustable.
- 3. This gearbox can matched with other DC Motor.



### ET-SGM37-B

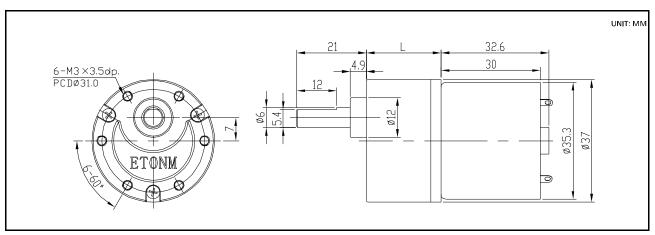
Precise Metal Gearbox

WEIGHT: 200g(APPROX)

**ETONM MOTOR** 

Performance Ranage Voltage: 6~24VDC Speed: 1~1600rpm Torque: 0.5~90kg.cm **Typical Applications** Vending and Banking System Sanitary and Cleaning **Robtics and Equipment** 

| Gear Ratio Stage  | 2    | 3  | 4  | 5   | 6   |
|-------------------|------|----|----|-----|-----|
|                   | 10   | 20 | 50 | 120 | 450 |
| Gear Ratio        |      | 30 | 70 | 150 | 490 |
|                   |      |    | 90 | 210 | 630 |
| Geal Natio        |      |    |    | 270 | 810 |
|                   |      |    |    |     |     |
|                   |      |    |    |     |     |
| Gearbox Length(L) | 22.5 |    |    | 24  | 4.1 |



|                 | VOL                 | TAGE    | NO I  | LOAD    | I TA  | MAX EFFICIE | NCY        | AT S    | TALL   |
|-----------------|---------------------|---------|-------|---------|-------|-------------|------------|---------|--------|
|                 | OPERATIO<br>N RANGE | NOMINAL | SPEED | CURRENT | SPEED | CURRENT     | TORQUE     | CURRENT | TORQUE |
|                 | MANGE               |         | r/min | Α       | r/min | А           | kg.cm      | Α       | kg.cm  |
| ET-SGM37B-12500 | 6.0-14.0            | 12.0    | 500   | ≤0.10   | 400   | ≤0.44       | 1.2        | ≤2.4    | 6      |
| ET-SGM37B-12250 | 6.0-14.0            | 12.0    | 250   | ≤0.10   | 200   | ≤0.44       | 2.4        | ≤2.4    | 12     |
| ET-SGM37B-12167 | 6.0-14.0            | 12.0    | 167   | ≤0.10   | 133   | ≤0.44       | 3.6        | ≤2.4    | 18     |
| ET-SGM37B-12100 | 6.0-14.0            | 12.0    | 100   | ≤0.10   | 78    | ≤0.44       | 5.7        | ≤2.4    | 30     |
| ET-SGM37B-1271  | 6.0-14.0            | 12.0    | 71    | ≤0.10   | 55    | ≤0.44       | 8          | ≤2.4    | 42     |
| ET-SGM37B-1255  | 6.0-14.0            | 12.0    | 55    | ≤0.10   | 42    | ≤0.44       | 10         | ≤2.4    | 54     |
| ET-SGM37B-1242  | 6.0-14.0            | 12.0    | 42    | ≤0.10   | 32    | ≤0.44       | 13         | ≤2.4    | 72     |
| ET-SGM37B-1233  | 6.0-14.0            | 12.0    | 33    | ≤0.10   | 25    | ≤0.44       | 16         | ≤2.4    | 90     |
| ET-SGM37B-1224  | 6.0-14.0            | 12.0    | 24    | ≤0.10   | 18    | ≤0.44       | 23         | ≤2.4    | 100*   |
| ET-SGM37B-1218  | 6.0-14.0            | 12.0    | 18    | ≤0.10   | 13    | ≤0.44       | 29         | ≤2.4    | 100*   |
| ET-SGM37B-1211  | 6.0-14.0            | 12.0    | 11    | ≤0.10   | 8     | ≤0.44       | 47         | ≤2.4    | 100*   |
| ET-SGM37B-1210  | 6.0-14.0            | 12.0    | 10    | ≤0.10   | 7     | ≤0.44       | 51         | ≤2.4    | 100*   |
| ET-SGM37B-1208  | 6.0-14.0            | 12.0    | 8     | ≤0.10   | 5     | ≤0.44       | 61         | ≤2.4    | 100*   |
| ET-SGM37B-1206  | 6.0-14.0            | 24.0    | 6     | ≤0.10   | 4     | ≤0.44       | <b>7</b> 9 | ≤2.4    | 100*   |

- 1. Shaft dimension can be customized.
- 2. The Voltage can be 6V, 9V, 12V, 24V; The DC Motor's speed is adjustable.
- 3. This gearbox can matched with other DC Motor.



### ET-SGM37BL-B

Performance Ranage

1~800rpm

0.5~100kg.cm

Voltage: 6~24VDC

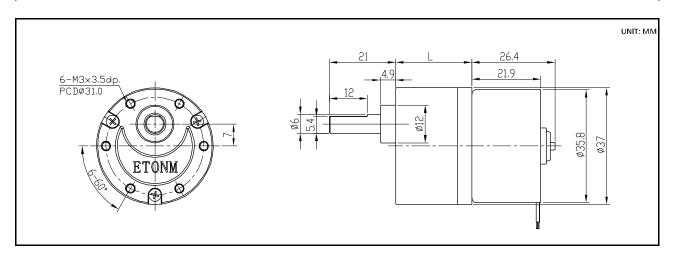
Speed: Torque:

**ETONM MOTOR** 

WEIGHT: 300g(APPROX)

**Typical Applications Equipment and Apparatus** Office Auotamation Ventilation Fan

| Gear Ratio Stage  | 2  | 3  | 4   | 5   | 6   |
|-------------------|----|----|-----|-----|-----|
|                   | 10 | 20 | 50  | 120 | 450 |
|                   |    | 30 | 70  | 150 | 490 |
| Gear Ratio        |    |    | 90  | 210 | 630 |
| Gear Ratio        |    |    |     | 270 | 810 |
|                   |    |    |     |     |     |
|                   |    |    |     |     |     |
| Gearbox Length(L) |    | 2  | 7.5 | 2   | 9.1 |



|                    | VOL                 | ΓAGE    | NO I  | LOAD    | AT    | MAX EFFICIE | NCY    | AT S    | TALL   |
|--------------------|---------------------|---------|-------|---------|-------|-------------|--------|---------|--------|
| MODEL              | OPERATIO<br>N RANGE | NOMINAL | SPEED | CURRENT | SPEED | CURRENT     | TORQUE | CURRENT | TORQUE |
|                    | IN KAINGE           | 1E      | r/min | Α       | r/min | А           | kg.cm  | Α       | kg.cm  |
| ET-SGM37BLB-12240  | 10.0-14.0           | 12      | 240   | ≤0.14   | 192   | ≤0.5        | 0.24   | ≤1.9    | 2      |
| ET-SGM37BLB-12120  | 10.0-14.0           | 12      | 120   | ≤0.14   | 96    | ≤0.5        | 0.48   | ≤1.9    | 4      |
| ET-SGM37BLB-1280   | 10.0-14.0           | 12      | 80    | ≤0.14   | 61    | ≤0.5        | 0.72   | ≤1.9    | 6      |
| ET-SGM37BLB-1248   | 10.0-14.0           | 12      | 48    | ≤0.14   | 36    | ≤0.5        | 1.2    | ≤1.9    | 10     |
| ET-SGM37BLB-1234   | 10.0-14.0           | 12      | 34    | ≤0.14   | 25    | ≤0.5        | 1.6    | ≤1.9    | 14     |
| ET-SGM37BLB-1227   | 10.0-14.0           | 12      | 27    | ≤0.14   | 20    | ≤0.5        | 2      | ≤1.9    | 18     |
| ET-SGM37BLB-1220   | 10.0-14.0           | 12      | 20    | ≤0.14   | 14.5  | ≤0.5        | 2.7    | ≤1.9    | 24     |
| ET-SGM37BLB-1216   | 10.0-14.0           | 12      | 16    | ≤0.14   | 11.5  | ≤0.5        | 3.3    | ≤1.9    | 30     |
| ET-SGM37BLB-1211.5 | 10.0-14.0           | 12      | 11.5  | ≤0.14   | 8     | ≤0.5        | 4.6    | ≤1.9    | 42     |
| ET-SGM37BLB-1209   | 10.0-14.0           | 12      | 9     | ≤0.14   | 6     | ≤0.5        | 6      | ≤1.9    | 54     |
| ET-SGM37BLB-125.3  | 10.0-14.0           | 12      | 5.3   | ≤0.14   | 3.7   | ≤0.5        | 10     | ≤1.9    | 90     |
| ET-SGM37BLB-1205   | 10.0-14.0           | 12      | 5     | ≤0.14   | 3.4   | ≤0.5        | 11     | ≤1.9    | 100*   |
| ET-SGM37BLB-123.8  | 10.0-14.0           | 12      | 3.8   | ≤0.14   | 2.5   | ≤0.5        | 12     | ≤1.9    | 100*   |
| ET-SGM37BLB-1203   | 10.0-14.0           | 12      | 3     | ≤0.14   | 2     | ≤0.5        | 15     | ≤1.9    | 100*   |

- 1. Shaft dimension can be customized.
- 2. The Voltage can be 6V, 9V, 12V, 24V; The DC Motor's speed is adjustable.
- 3. This gearbox can matched with other DC Motor.



### ET-SGM37-D

Precise Metal Gearbox

Performance Ranage Voltage: 6~24VDC Speed: 1~1600rpm

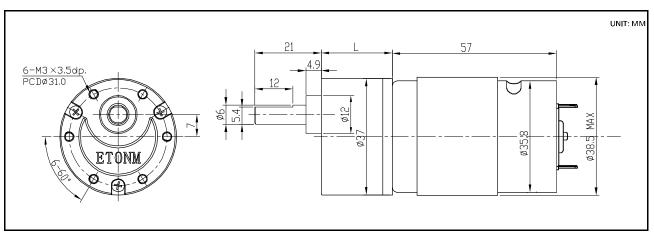
Torque: 1~100kg.cm

Vending and Banking System Sanitary and Cleaning Robtics and Equipment

**Typical Applications** 

ETONM MOTOR
WEIGHT: 350g(APPROX)

| Gear Ratio Stage  | 2    | 3  | 4  | 5    | 6   |  |
|-------------------|------|----|----|------|-----|--|
| Gear Ratio        | 10   | 20 | 50 | 120  | 450 |  |
|                   |      | 30 | 70 | 150  | 490 |  |
|                   |      |    | 90 | 210  | 630 |  |
|                   |      |    |    | 270  | 810 |  |
|                   |      |    |    |      |     |  |
|                   |      |    |    |      |     |  |
| Gearbox Length(L) | 27.5 |    |    | 29.1 |     |  |



|                 | VOL       | TAGE                        | NO I  | _OAD    | AT I  | MAX EFFICIE | NCY    | AT STALL |        |
|-----------------|-----------|-----------------------------|-------|---------|-------|-------------|--------|----------|--------|
| MODEL           | OPERATIO  | DPERATIO<br>N RANGE NOMINAL | SPEED | CURRENT | SPEED | CURRENT     | TORQUE | CURRENT  | TORQUE |
|                 | MANGE     |                             | r/min | А       | r/min | А           | kg.cm  | Α        | kg.cm  |
| ET-SGM37D-12600 | 6.0-14.0  | 12.0                        | 600   | ≤0.4    | 492   | ≤2.0        | 2.4    | ≤8.0     | 12     |
| ET-SGM37D-24300 | 6.0-14.0  | 12.0                        | 300   | ≤0.4    | 240   | ≤2.0        | 4.7    | ≤8.0     | 24     |
| ET-SGM37D-12200 | 6 .0-14.0 | 12.0                        | 200   | ≤0.4    | 160   | ≤2.0        | 7      | ≤8.0     | 36     |
| ET-SGM37D-12120 | 6.0-14.0  | 12.0                        | 120   | ≤0.4    | 91    | ≤2.0        | 11     | ≤8.0     | 60     |
| ET-SGM37D-1285  | 6 .0-14.0 | 12.0                        | 86    | ≤0.4    | 64    | ≤2.0        | 15.5   | ≤8.0     | 84     |
| ET-SGM37D-1267  | 6.0-14.0  | 12.0                        | 67    | ≪0.4    | 50    | ≤2.0        | 20     | ≤8.0     | 108    |
| ET-SGM37D-1250  | 6.0-14.0  | 12.0                        | 50    | ≤0.4    | 37    | ≤2.0        | 25     | ≤8.0     | 144    |
| ET-SGM37D-1240  | 6 .0-14.0 | 12.0                        | 40    | ≤0.4    | 29    | ≤2.0        | 31     | ≪8.0     | 150*   |
| ET-SGM37D-1229  | 6 .0-14.0 | 12.0                        | 29    | ≤0.4    | 21    | ≤2.0        | 44     | ≤8.0     | 150*   |
| ET-SGM37D-1222  | 6 .0-14.0 | 12.0                        | 22    | ≤0.4    | 15    | ≤2.0        | 56     | ≤8.0     | 150*   |
| ET-SGM37D-1213  | 6 .0-14.0 | 12.0                        | 13    | ≤0.4    | 9     | ≤2.0        | 91     | ≤8.0     | 150*   |
| ET-SGM37D-1212  | 6 .0-14.0 | 12.0                        | 12    | ≪0.4    | 8.5   | ≤2.0        | 100*   | ≪8.0     | 150*   |
| ET-SGM37D-129.5 | 6 .0-14.0 | 12.0                        | 9.5   | ≤0.4    | 6     | ≤2.0        | 100*   | ≪8.0     | 150*   |
| ET-SGM37D-1207  | 6 .0-14.0 | 12.0                        | 7     | ≤0.4    | 4.5   | ≤2.0        | 100*   | ≤8.0     | 150*   |

- 1. Shaft dimension can be customized.
- 2. The Voltage can be 6V, 9V, 12V, 24V; The DC Motor's speed is adjustable.
- 3. This gearbox can matched with other DC Motor.



### ET-SGM37-E

#### Precise Metal Gearbox

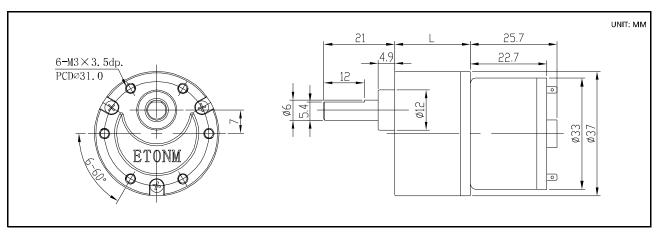
Performance Ranage Voltage: 3~24VDC Speed: 1~1600rpm

Torque: 0.5~100kg.cm

## ETONM MOTOR WEIGHT: 160g(APPROX)

Typical Applications
Vending and Banking System
Sanitary and Cleaning
Robtics and Equipment

| Gear Ratio Stage  | 2  | 3  | 4   | 5    | 6   |  |
|-------------------|----|----|-----|------|-----|--|
| Gear Ratio        | 10 | 20 | 50  | 120  | 450 |  |
|                   |    | 30 | 70  | 150  | 490 |  |
|                   |    |    | 90  | 210  | 630 |  |
|                   |    |    |     | 270  | 810 |  |
|                   |    |    |     |      |     |  |
|                   |    |    |     |      |     |  |
| Gearbox Length(L) |    | 2  | 2.5 | 24.1 |     |  |



|                 | VOL                 | TAGE    | NO I  | -OAD    | I TA  | MAX EFFICIE | NCY    | AT STALL |        |
|-----------------|---------------------|---------|-------|---------|-------|-------------|--------|----------|--------|
| MODEL           | OPERATIO<br>N RANGE | NOMINAL | SPEED | CURRENT | SPEED | CURRENT     | TORQUE | CURRENT  | TORQUE |
|                 | MANGE               |         | r/min | А       | r/min | А           | kg.cm  | А        | kg.cm  |
| ET-SGM37E-12400 | 6.0-24.0            | 12      | 400   | ≤0.04   | 320   | ≤0.15       | 0.2    | ≤0.8     | 1.3    |
| ET-SGM37E-12200 | 6.0-24.0            | 12      | 200   | ≤0.04   | 160   | ≤0.15       | 0.4    | ≤0.8     | 2.6    |
| ET-SGM37E-12133 | 6.0-24.0            | 12      | 133   | ≤0.04   | 102   | ≤0.15       | 0.6    | ≤0.8     | 3.9    |
| ET-SGM37E-1280  | 6.0-24.0            | 12      | 80    | ≤0.04   | 60    | ≤0.15       | 0.95   | ≤0.8     | 6.5    |
| ET-SGM37E-1257  | 6.0-24.0            | 12      | 57    | ≤0.04   | 43    | ≤0.15       | 1.4    | ≤0.8     | 9      |
| ET-SGM37E-1244  | 6.0-24.0            | 12      | 44    | ≤0.04   | 33    | ≤0.15       | 1.7    | ≤0.8     | 11.7   |
| ET-SGM37E-1233  | 6.0-24.0            | 12      | 33    | ≤0.04   | 25    | ≤0.15       | 2.3    | ≤0.8     | 15.6   |
| ET-SGM37E-1227  | 6.0-24.0            | 12      | 27    | ≤0.04   | 19    | ≤0.15       | 2.7    | ≤0.8     | 19.5   |
| ET-SGM37E-1219  | 6.0-24.0            | 12      | 19    | ≤0.04   | 14    | ≤0.15       | 4      | ≤0.8     | 27     |
| ET-SGM37E-1215  | 6.0-24.0            | 12      | 15    | ≤0.04   | 11    | ≤0.15       | 5      | ≤0.8     | 35     |
| ET-SGM37E-1209  | 6.0-24.0            | 12      | 9     | ≤0.04   | 6.2   | ≤0.15       | 8      | ≤0.8     | 58     |
| ET-SGM37E-1208  | 6.0-24.0            | 12      | 8     | ≤0.04   | 5.7   | ≤0.15       | 8.6    | ≤0.8     | 63     |
| ET-SGM37E-1206  | 6.0-24.0            | 12      | 6     | ≤0.04   | 4     | ≤0.15       | 11     | ≤0.8     | 81     |
| ET-SGM37E-1205  | 6.0-24.0            | 12      | 5     | ≤0.04   | 3     | ≤0.15       | 13     | ≤0.8     | 100*   |

- 1. Shaft dimension can be customized.
- 2. The Voltage can be 3.0V, 4.5V, 6V, 9V, 12V, 24V; The DC Motor's speed is adjustable.
- 3. This gearbox can matched with other DC Motor.



### ET-SGM37-F

#### Procise Motal Gearbox

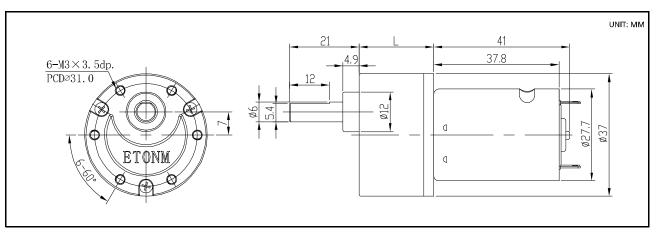
Performance Ranage Voltage: 3~24VDC Speed: 1~1600rpm

Torque: 0.5~100kg.cm

Typical Applications Vending and Banking System Sanitary and Cleaning Robtics and Equipment

WEIGHT: 160g(APPROX)

| Gear Ratio Stage  | 2  | 3  | 4   | 5    | 6   |  |
|-------------------|----|----|-----|------|-----|--|
|                   | 10 | 20 | 50  | 120  | 450 |  |
| Gear Ratio        |    | 30 | 70  | 150  | 490 |  |
|                   |    |    | 90  | 210  | 630 |  |
|                   |    |    |     | 270  | 810 |  |
|                   |    |    |     |      |     |  |
|                   |    |    |     |      |     |  |
| Gearbox Length(L) |    | 2  | 2.5 | 24.1 |     |  |



|                 | VOL                 | TAGE    | NO I  | _OAD    | AT MAX EFFICIENCY |         |        | AT STALL |        |
|-----------------|---------------------|---------|-------|---------|-------------------|---------|--------|----------|--------|
| MODEL           | OPERATIO<br>N RANGE | NOMINAL | SPEED | CURRENT | SPEED             | CURRENT | TORQUE | CURRENT  | TORQUE |
|                 | MANGE               |         | r/min | А       | r/min             | А       | kg.cm  | А        | kg.cm  |
| ET-SGM37F-12600 | 6.0-14.0            | 12.0    | 600   | ≤0.14   | 492               | ≤0.6    | 0.8    | ≤2.4     | 3.2    |
| ET-SGM37F-12300 | 6.0-14.0            | 12.0    | 300   | ≤0.14   | 240               | ≤0.6    | 1.6    | ≤2.4     | 6.4    |
| ET-SGM37F-24200 | 6.0-14.0            | 12.0    | 200   | ≤0.14   | 160               | ≤0.6    | 2.4    | ≤2.4     | 9.6    |
| ET-SGM37F-12120 | 6.0-14.0            | 12.0    | 120   | ≤0.14   | 91                | ≤0.6    | 4      | ≤2.4     | 16     |
| ET-SGM37F-1285  | 6.0-14.0            | 12.0    | 86    | ≤0.14   | 64                | ≤0.6    | 5.5    | ≤2.4     | 22.4   |
| ET-SGM37F-1267  | 6.0-14.0            | 12.0    | 67    | ≤0.14   | 50                | ≤0.6    | 7      | ≤2.4     | 28.8   |
| ET-SGM37F-1250  | 6.0-14.0            | 12.0    | 50    | ≤0.14   | 37                | ≤0.6    | 9      | ≤2.4     | 38     |
| ET-SGM37F-1240  | 6.0-14.0            | 12.0    | 40    | ≪0.14   | 29                | ≤0.6    | 11     | ≤2.4     | 48     |
| ET-SGM37F-1229  | 6.0-14.0            | 12.0    | 29    | ≤0.14   | 21                | ≤0.6    | 16     | ≤2.4     | 67     |
| ET-SGM37F-1222  | 6.0-14.0            | 12.0    | 22    | ≤0.14   | 15                | ≤0.6    | 20     | ≤2.4     | 86     |
| ET-SGM37F-1213  | 6.0-14.0            | 12.0    | 13    | ≤0.14   | 9                 | ≤0.6    | 32     | ≤2.4     | 100*   |
| ET-SGM37F-1212  | 6.0-14.0            | 12.0    | 12    | ≪0.14   | 8.5               | ≤0.6    | 34     | ≤2.4     | 100*   |
| ET-SGM37F-129.5 | 6.0-14.0            | 12.0    | 9.5   | ≪0.14   | 6                 | ≤0.6    | 41     | ≤2.4     | 100*   |
| ET-SGM37F-1207  | 6.0-14.0            | 12.0    | 7     | ≤0.14   | 4.5               | ≤0.6    | 52     | ≤2.4     | 100*   |

- 1. Shaft dimension can be customized.
- 2. The Voltage can be 6V, 12V, 24V; The DC Motor's speed is adjustable.
- 3. This gearbox can matched with other DC Motor.