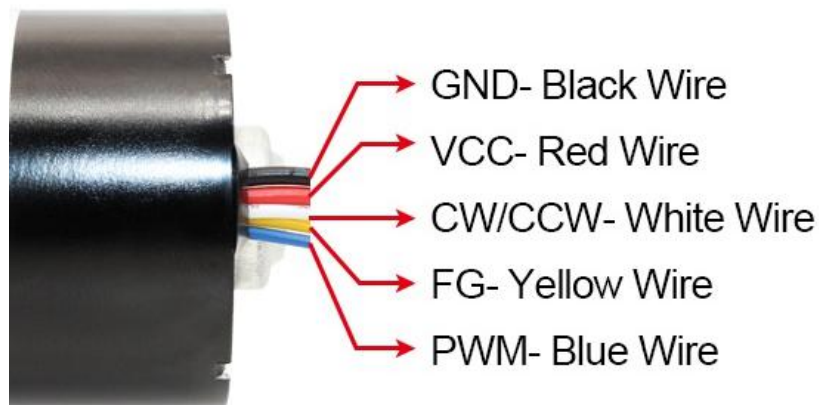


Model : 37SG-3625BL

Rated Voltage : 12V DC

| Model | L | No-load | | Rated | | | At Stall | |
|-----------------|------|-----------|------------|-----------|------------|--------------|--------------|-----------|
| | mm | Speed rpm | Current mA | Speed rpm | Current mA | Torque Kg.cm | Torque Kg.cm | Current A |
| 37SG-3625BL-6.3 | 19 | 960 | < 70 | 685 | 800 | 0.8 | 1.5 | 1.8 |
| 37SG-3625BL-10 | 19 | 600 | < 70 | 428 | 800 | 1.2 | 2.5 | 1.8 |
| 37SG-3625BL-19 | 22 | 320 | < 70 | 228 | 800 | 2.3 | 4.7 | 1.8 |
| 37SG-3625BL-30 | 22 | 200 | < 70 | 142 | 800 | 3.6 | 7.5 | 1.8 |
| 37SG-3625BL-56 | 24 | 107 | < 70 | 76 | 800 | 6.8 | 12.5 | 1.8 |
| 37SG-3625BL-90 | 24 | 66 | < 70 | 48 | 800 | 10.9 | 22.5 | 1.8 |
| 37SG-3625BL-131 | 26.5 | 45 | < 70 | 32 | 800 | 15.9 | 32 | 1.8 |
| 37SG-3625BL-168 | 26.5 | 35 | < 70 | 25 | 800 | 20.4 | 35 | - |
| 37SG-3625BL-270 | 26.5 | 22 | < 70 | 15.7 | 800 | 32.7 | 35 | - |
| 37SG-3625BL-506 | 29 | 12 | < 70 | 8.5 | 800 | 35 | 35 | - |
| 37SG-3625BL-810 | 29 | 7 | < 70 | 5.8 | 800 | 35 | 35 | - |



| NO. | SIGNAL | I/O | SPECIFICATIONS | NOTE |
|---------------------------|----------------------------|-----|---------------------|--------------------------------|
| 1 | FG (yellow wire) | | | |
| | VOH | OUT | 6.0 V Max | Hall Singnal Pulse Outputs |
| | VOL | | 0.5 V Max | |
| | FG Singnal Curren | | 2 mA Max | |
| Pulse Outputs of Rotation | 9 Pulse/cycle | | | |
| 2 | PWM Control. (Blue wire) | | | |
| | Input Voltage Rotation | IN | 0~5V | High—motor OFF Low—motor ON |
| | VIH | | 2.0V Min.or open | |
| | VIL | | 0.8V Max. | |
| PWM | 10KHZ~30KHZ | | 60K Max. | |
| 3 | Vcc (red wire) | IN | DC 12V / 24V | POWER |
| 4 | CW/CCW Control(White wire) | | | |
| | Input Voltage Rotation | IN | 0~5V | High—motor CCW Low—motor CW |
| | VIH | | 2.0V Min.or open CW | |
| VIL | 0.8V Max. CCW | | | |
| 5 | GND(black wire) | OUT | POWER Ground | |