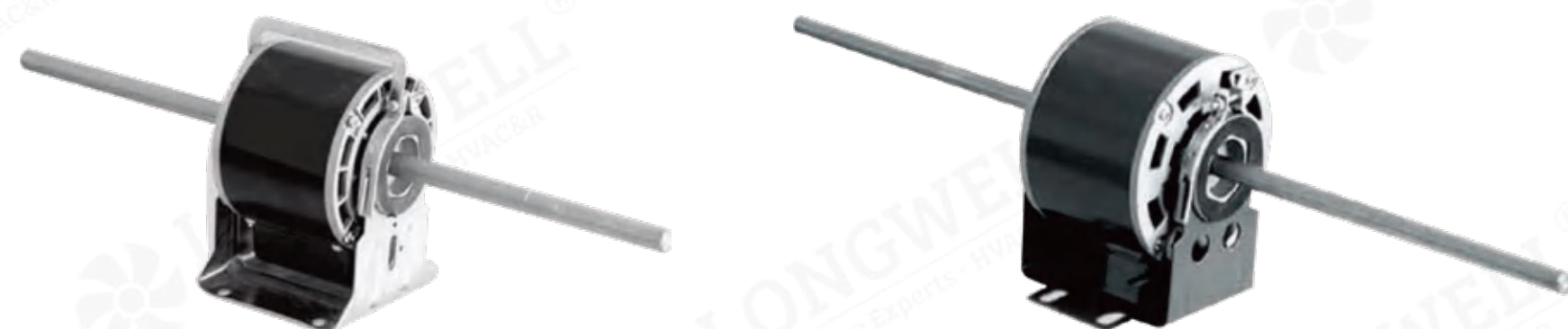


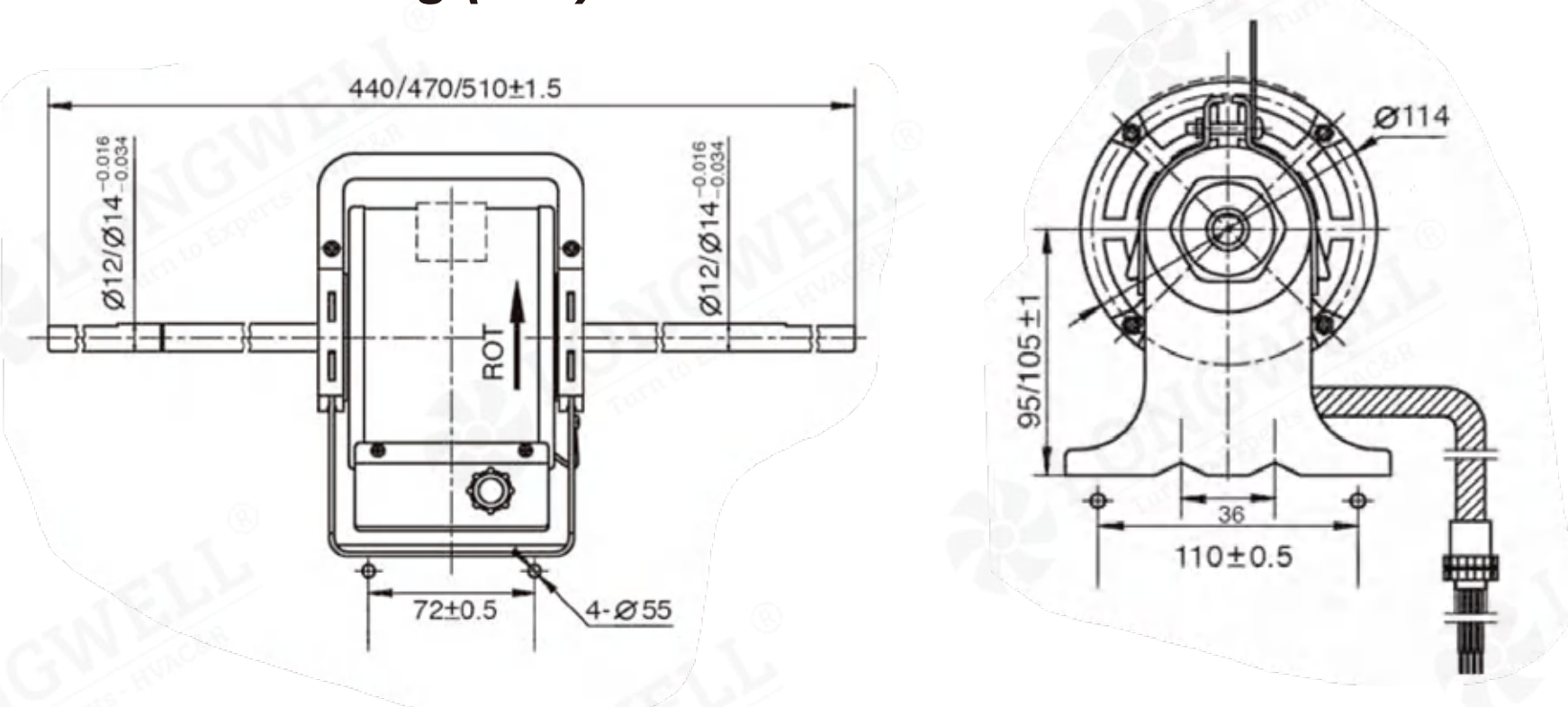
# Single-Phase Capacitor-Running Motor For Coil Uni Ts

## Product Characteristic

- Voltage can be 100-415V, 50/60Hz. Output power is 4-150W. It can be provided according to customers' requirements.
- Adopt international famous brand low-noise rolling bearing.
- The motor applies to FP34-FP238 of fan coil units. Static press can be provided according to the requirements of customers.
- The shafts are treated with hardening and tempering, and plated with ni-coating, and motor housing with plastic.
- Motor Insulation class: E/B/F, Protection grade of motor enclosure: IP00-IP54. It can be provided according to customers' requirements.



## Product Drawing (mm)



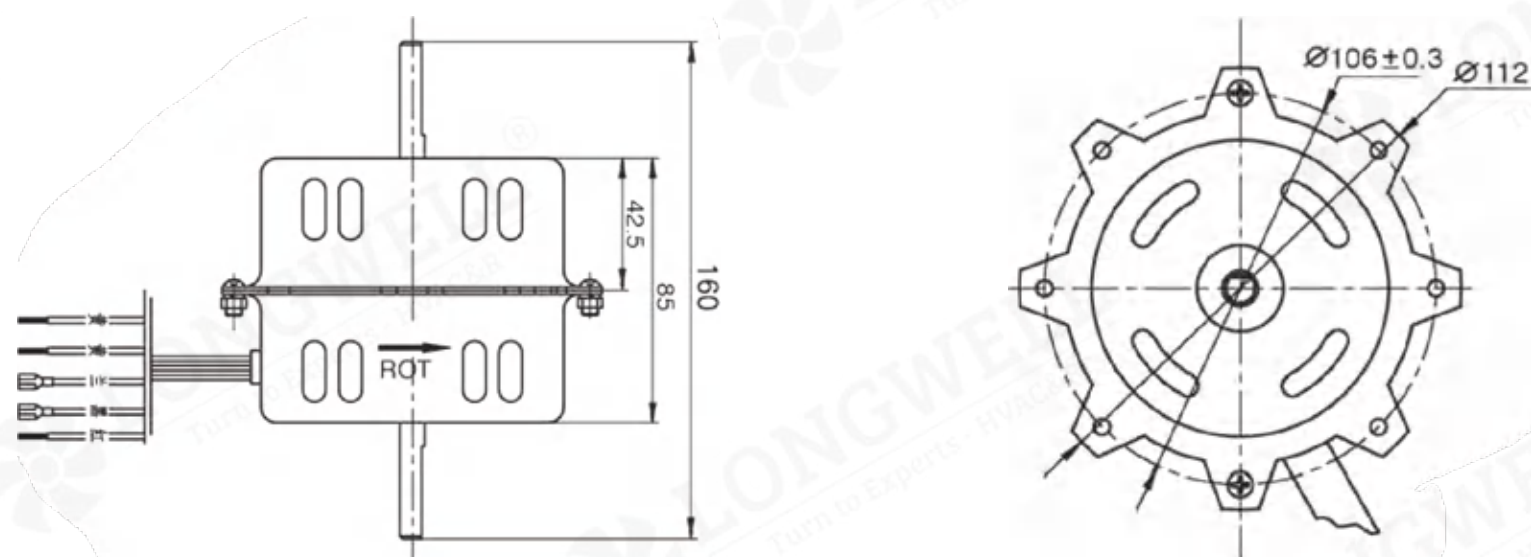
## Technical Specifications

| Type  | Static Press (Pa) | Voltage (V) | Frequency (Hz) | Motor Type | Output Power (W) | Input Power (W) | Current (A) | Speed (r/min) | Noise dB(A) |
|-------|-------------------|-------------|----------------|------------|------------------|-----------------|-------------|---------------|-------------|
| FP34  | 12                | 220         | 50             | YDK10-4C   | 10               | 34              | 0.15        | 820           | ≤37         |
|       | 30                | 220         | 50             | YDK12-4C   | 12               | 41              | 0.18        | 900           | ≤40         |
|       | 50                | 220         | 50             | YDK18-4C   | 16               | 48              | 0.21        | 1130          | ≤42         |
| FP51  | 12                | 220         | 50             | YSK12-4C   | 12               | 48              | 0.19        | 810           | ≤39         |
|       | 30                | 220         | 50             | YSK18-4C   | 18               | 56              | 0.25        | 950           | ≤42         |
|       | 50                | 220         | 50             | YSK28-4C   | 22               | 68              | 0.3         | 1120          | ≤44         |
| FP68  | 12                | 220         | 50             | YSK18-4C   | 20               | 55              | 0.25        | 840           | ≤41         |
|       | 30                | 220         | 50             | YSK30-4C   | 25               | 76              | 0.32        | 1030          | ≤44         |
|       | 50                | 220         | 50             | YSK40-4C   | 40               | 81              | 0.36        | 1160          | ≤46         |
| FP85  | 12                | 220         | 50             | YSK32-4C   | 28               | 77              | 0.34        | 980           | ≤43         |
|       | 30                | 220         | 50             | YSK34-4C   | 35               | 87              | 0.4         | 1050          | ≤46         |
|       | 50                | 220         | 50             | YSK54-4C   | 45               | 95              | 0.43        | 1230          | ≤47         |
| FP102 | 12                | 220         | 50             | YSK41-4C   | 30               | 98              | 0.45        | 1040          | ≤45         |
|       | 30                | 220         | 50             | YSK52-4C   | 40               | 112             | 0.47        | 1150          | ≤47         |
|       | 50                | 220         | 50             | YSK65-4C   | 55               | 114             | 0.5         | 1240          | ≤49         |
| FP136 | 12                | 220         | 50             | YDK12-4C   | 18               | 140             | 0.64        | 940           | ≤46         |
|       | 12                | 220         | 50             | YSK41-4C   | 30               | 140             | 0.64        | 940           | ≤46         |
|       | 30                | 220         | 50             | YDK37-4C   | 37               | 149             | 0.69        | 1080          | ≤48         |
|       | 30                | 220         | 50             | YSK18-4C   | 20               | 149             | 0.69        | 1080          | ≤48         |
|       | 50                | 220         | 50             | YDK28-4C   | 22               | 170             | 0.78        | 1240          | ≤50         |
|       | 50                | 220         | 50             | YSK65-4C   | 55               | 170             | 0.78        | 1240          | ≤50         |
| FP170 | 12                | 220         | 50             | YSK40-4C   | 40               | 162             | 0.78        | 1085          | ≤48         |
|       | 30                | 220         | 50             | YSK52-4C   | 52               | 174             | 0.8         | 1150          | ≤50         |
|       | 50                | 220         | 50             | YSK60-4C   | 60               | 187             | 0.87        | 1290          | ≤52         |
| FP204 | 12                | 220         | 50             | YSK42-4C   | 42               | 197             | 0.9         | 1112          | ≤50         |
|       | 30                | 220         | 50             | YSK55-4C   | 55               | 228             | 1.04        | 1150          | ≤52         |
|       | 50                | 220         | 50             | YSK72-4C   | 67               | 238             | 1.1         | 1280          | ≤54         |
| FP238 | 12                | 220         | 50             | YSK56-4C   | 55               | 240             | 1.02        | 1150          | ≤52         |
|       | 30                | 220         | 50             | YSK67-4B4  | 63               | 251             | 1.18        | 1210          | ≤54         |
|       | 50                | 220         | 50             | YSK100-4C  | 80               | 293             | 1.36        | 1320          | ≤56         |

## Motor For Air Curtain



### Product Drawing (mm)



### Technical Specifications

| Model Type | Voltage (V) | Frequency (Hz) | Nominal Output Power (W) | Pole | Capacitor (μF) | Center High (mm) | Shaft Diameter |
|------------|-------------|----------------|--------------------------|------|----------------|------------------|----------------|
| YDK-30-2   | 220         | 50             | 30                       | 2    | 4              | 105              | M8             |
| YSK-60-2   | 220         | 50             | 60                       | 2    | 6              | 105              | M8             |
| YSK-60-4   | 220         | 50             | 60                       | 4    | 5              | 71               | 12             |
| YSK-80-4   | 220         | 50             | 80                       | 4    | 6              | 71               | 12             |
| YSK-100-4  | 220         | 50             | 100                      | 4    | 6              | 71               | 12             |
| YSK-120-4  | 220         | 50             | 120                      | 4    | 8              | 71               | 12             |
| YSK-180-4  | 220         | 50             | 180                      | 4    | 10             | 71               | 12             |
| YSK-250-4  | 220         | 50             | 250                      | 4    | 12             | 71               | 12             |
| YSK-280-4  | 220         | 50             | 280                      | 4    | 12             | 71               | 12             |
| YSK-370-4  | 220         | 50             | 370                      | 4    | 16             | 71               | 12/14          |
| SK-400-4   | 220         | 50             | 400                      | 4    | 16             | 71               | 14/16          |
| YSK-550-4  | 220         | 50             | 550                      | 4    | 16             | 71               | 14/16          |

## Fan-Coil Unit Work Brushless DC Motor Series, Three Speed Control

### Product Characteristic

- Voltage can be 208-230V,output power is 10-120W,the motor power applies to all fan coil units series and all static press.
- Low-noise and high-quality rolling bearing.
- The motors have high efficiency,low power consumption and three speed regulation.
- The shafts are treated with hardening and tempering,and plated with ni-coating,and motor housing with plastic.
- Optimum application for varieties of fan coil pipes in order to make consumers' products best.



### Technical Specifications

| Type       | Voltage (V) | Speed (r/min) | Output (W) | Insulation |
|------------|-------------|---------------|------------|------------|
| YSK-10-8G  | 208-230     | 800/600/400   | 10         | B          |
| YSK-12-8G  | 208-230     | 800/600/400   | 12         | B          |
| YSK-16-8G  | 208-230     | 900/700/500   | 16         | B          |
| YSK-18-8G  | 208-230     | 950/750/500   | 18         | B          |
| YSK-20-8G  | 208-230     | 950/750/500   | 20         | B          |
| YSK-22-8G  | 208-230     | 950/750/500   | 22         | B          |
| YSK-25-8G  | 208-230     | 980/780/550   | 25         | B          |
| YSK-30-8G  | 208-230     | 1000/800/600  | 30         | B          |
| YSK-32-8G  | 208-230     | 1020/900/700  | 32         | B          |
| YSK-40-8G  | 208-230     | 1050/950/720  | 40         | B          |
| YSK-45-8G  | 208-230     | 1100/900/700  | 45         | B          |
| YSK-50-8G  | 208-230     | 1150/1050/950 | 50         | B          |
| YSK-60-8G  | 208-230     | 1200/1000/800 | 60         | B          |
| YSK-80-8G  | 208-230     | 1250/1000/800 | 80         | B          |
| YSK-100-8G | 208-230     | 1300/1000/800 | 100        | B          |
| YSK-120-8G | 208-230     | 1350/1100/900 | 120        | B          |

Note: 1.We can provide three speed according to customer's requirement  
2.We offer more freedom for customers to adjust three speed

## Fan-Coil Unit Works Series Brushless DC Motor–Infinitely Adjustable-Speed

### Product Characteristic

- Voltage can be 310-360V,output power is 20-120W,the motor power applies to all fan coil units series and all static press.
- Low-noise and high-quality rolling bearing.
- The motors have high efficiency, low power consumption,stepless speed regulating.
- The shafts are treated with hardening and tempering,and plated with ni-coating,and motor housing with plastic.
- Optimum application for varieties of fan coil pipes in order to make consumers' products best.



### Technical Specifications

| Motor Type    | Voltage (V) | Current (DCA) | Speed (r/min) | Output Power (W) | Input Power (W) | Insulation |
|---------------|-------------|---------------|---------------|------------------|-----------------|------------|
| YSK-20-8BLDC  | 310-360     | 0.08          | 300-1500      | 20               | 25              | B/F        |
| YSK-25-8BLDC  | 310-360     | 0.11          | 300-1500      | 25               | 32              | B/F        |
| YSK-30-8BLDC  | 310-360     | 0.13          | 300-1500      | 30               | 39              | B/F        |
| YSK-40-8BLDC  | 310-360     | 0.17          | 300-1500      | 40               | 53              | B/F        |
| YSK-50-8BLDC  | 310-360     | 0.2           | 300-1500      | 50               | 63              | B/F        |
| YSK-60-8BLDC  | 310-360     | 0.26          | 300-1500      | 60               | 80              | B/F        |
| YSK-80-8BLDC  | 310-360     | 0.35          | 300-1500      | 80               | 108             | B/F        |
| YSK-100-8BLDC | 310-360     | 0.43          | 300-1500      | 100              | 132             | B/F        |
| YSK-120-8BLDC | 310-360     | 0.51          | 300-1500      | 120              | 158             | B/F        |

Note: 1.We can provide three speed according to customer's requirement  
2.We offer more freedom for customers to adjust three speed

## Multi-Speed Motor Series

### Product Characteristic

- The motor can be used in fan coil units air supply system.Compared with ordinary fan coil motor, this kind of motor has 5-7 speed to satisfy costumers' requirements of multiple speed.



### Technical Specifications

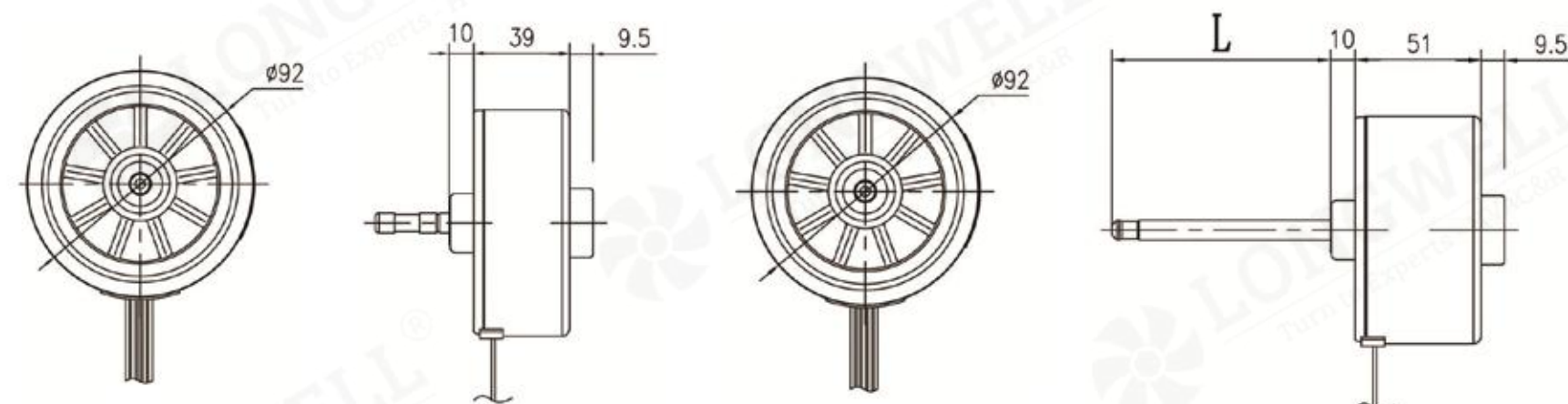
| Model         | Voltage (V) | Frequency (Hz) | Output Power (W) | Current (A) | Speed (r/min)                 | Insulation |
|---------------|-------------|----------------|------------------|-------------|-------------------------------|------------|
| YDK110-30-4S  | 208-230     | 50/60          | 30               | 0.37        | 1280/1160/1030<br>910/790/665 | B/F        |
| YSK110-40-4S  | 208-230     | 50/60          | 40               | 0.48        |                               | B/F        |
| YSK110-50-4S  | 208-230     | 50/60          | 50               | 0.6         |                               | B/F        |
| YSK110-75-4S  | 208-230     | 50/60          | 75               | 0.92        |                               | B/F        |
| YSK110-100-4S | 208-230     | 50/60          | 100              | 1.05        |                               | B/F        |
| YDK120-75-4S  | 208-230     | 50/60          | 75               | 0.73        |                               | B/F        |
| YDK120-100-4S | 208-230     | 50/60          | 100              | 0.93        |                               | B/F        |
| YSK140-160-4S | 208-230     | 50/60          | 160              | 1.38        |                               | B/F        |
| YSK140-200-4S | 208-230     | 50/60          | 200              | 1.68        |                               | B/F        |
| YSK140-250-4S | 208-230     | 50/60          | 250              | 2           |                               | B/F        |
| YSK140-400-4S | 208-230     | 50/60          | 400              | 3           |                               | B/F        |
| YDK140-160-4S | 208-230     | 50/60          | 160              | 1.38        |                               | S          |
| YDK140-200-4S | 208-230     | 50/60          | 200              | 1.68        |                               | B/F        |

## Brushless DC Motor-Resin Packed Series

### Product Characteristic

- Brushless DC Motor is an important product and industry of "Made in China 2025" strategy, which is in line with energy conservation, environmental protection and other industrial requirements. greatly reduce the energy consumption, environment protection and other industrial requirements, greatly reduce the energy consumption of related products.
- With high efficiency, long service life, efficiency conversion is more than 70%.

### Product Drawing (mm)



### Technical Specifications

| Model      | Voltage (V) | Speed (RPM) | Output Power (W) | INS. | Noise (dB(A)) |
|------------|-------------|-------------|------------------|------|---------------|
| ZDK-30-8SF | 310         | 1550        | 10-30            | B    | ≤25           |
| ZDK-60-8SF | 310         | 1550        | 40-60            | B    | ≤25           |

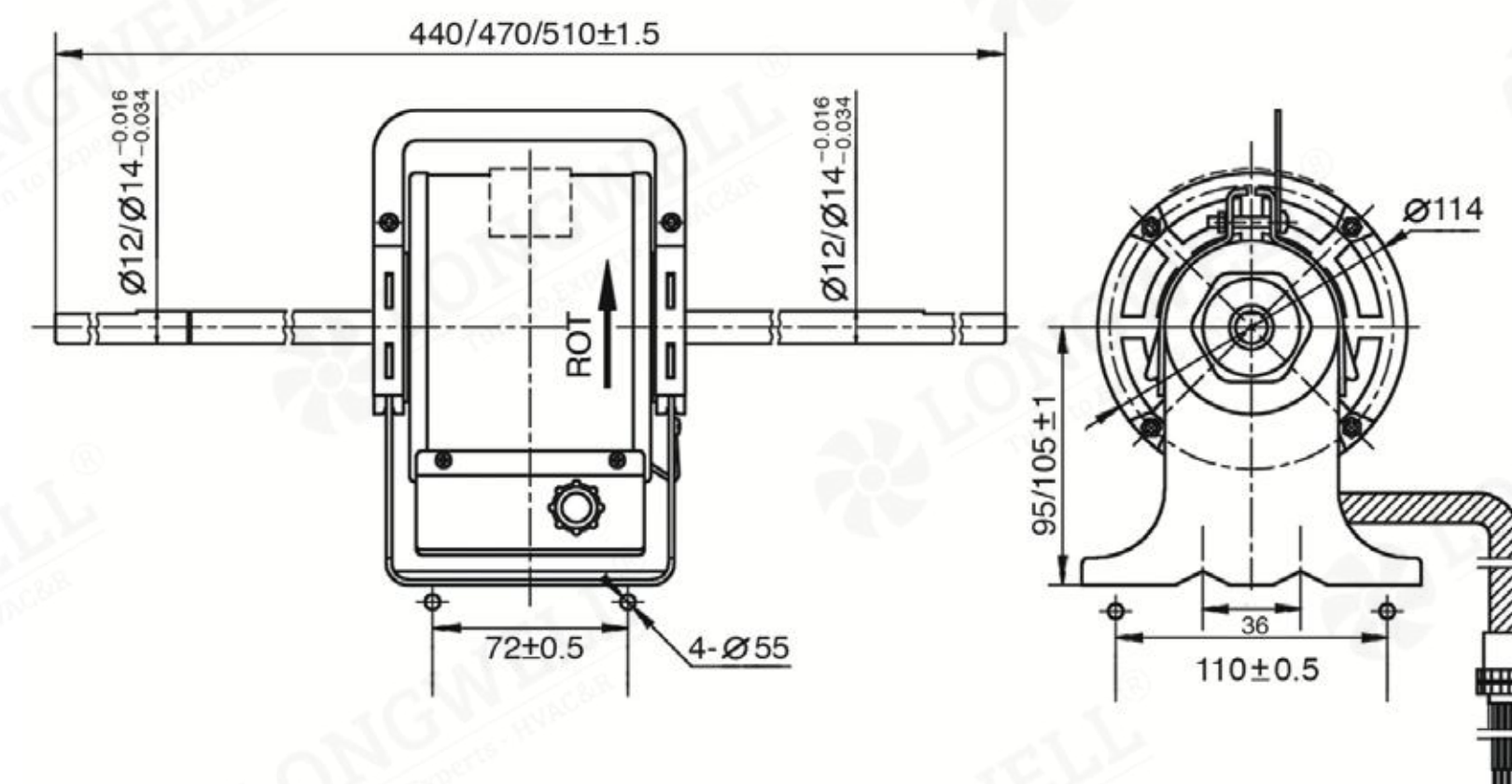
## Single-Phase Capacitor-Running Motor For Coil UNI TS

### Product Characteristic

- Voltage can be 100-415V, 50/60Hz. Output power is 4-150W. It can be provided according to customers' requirements.
- Adopt international famous brand low-noise rolling bearing.
- The motor applies to FP34-FP238 of fan coil units. Static pressure can be provided according to the requirements of customers.
- The shafts are treated with hardening and tempering, and plated with ni-coating, and motor housing with plastic.
- Motor Insulation class: E/B/F, Protection grade of motor enclosure: IP00-IP54. It can be provided according to customers' requirements.



### Outline Dimensions (mm)



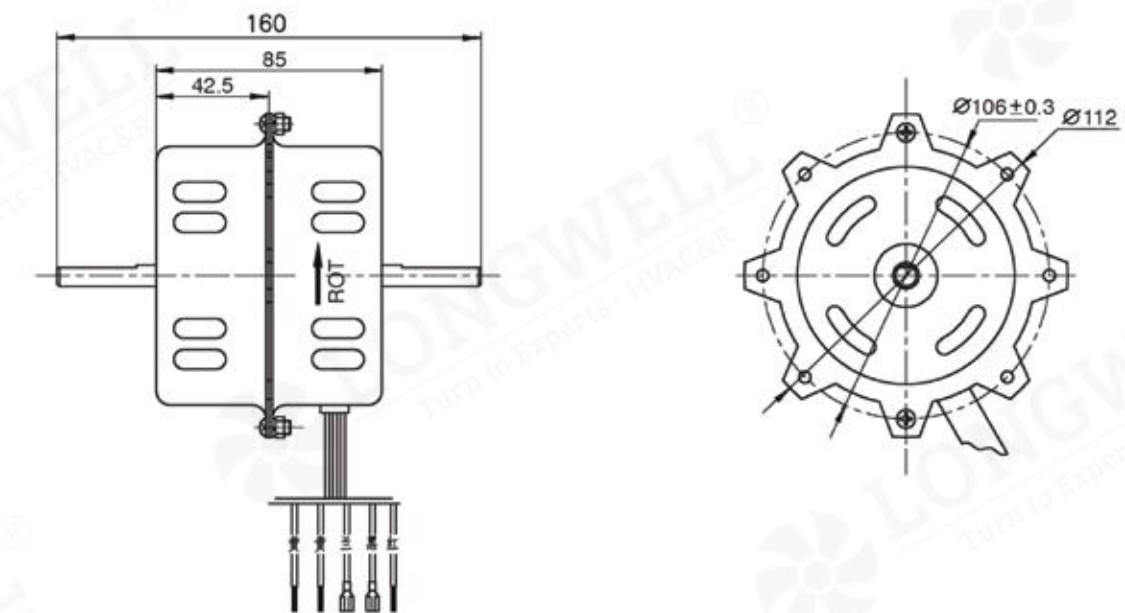
## Technical Specifications

| Type  | Static Press (Pa) | Voltage/Frequency (V/Hz) | Motor Type | Output Power (W) | Input Power (W) | Current (A) | Speed (R/Min) | Noise (dB(A)) |
|-------|-------------------|--------------------------|------------|------------------|-----------------|-------------|---------------|---------------|
| FP34  | 12                | 220/50                   | YDK10-4C   | 10               | 34              | 0.15        | 820           | ≤37           |
| FP34  | 30                | 220/50                   | YDK12-4C   | 12               | 41              | 0.18        | 900           | ≤40           |
| FP34  | 50                | 220/50                   | YDK18-4C   | 16               | 48              | 0.21        | 1130          | ≤42           |
| FP51  | 12                | 220/50                   | YSK12-4C   | 12               | 48              | 0.19        | 810           | ≤39           |
| FP51  | 30                | 220/50                   | YSK18-4C   | 18               | 56              | 0.25        | 950           | ≤42           |
| FP51  | 50                | 220/50                   | YSK28-4C   | 22               | 68              | 0.30        | 1120          | ≤44           |
| FP68  | 12                | 220/50                   | YSK18-4C   | 20               | 55              | 0.25        | 840           | ≤41           |
| FP68  | 30                | 220/50                   | YSK30-4C   | 25               | 76              | 0.32        | 1030          | ≤44           |
| FP68  | 50                | 220/50                   | YSK40-4C   | 40               | 81              | 0.36        | 1160          | ≤46           |
| FP85  | 12                | 220/50                   | YSK32-4C   | 28               | 77              | 0.34        | 980           | ≤43           |
| FP85  | 30                | 220/50                   | YSK34-4C   | 35               | 87              | 0.40        | 1050          | ≤46           |
| FP85  | 50                | 220/50                   | YSK54-4C   | 45               | 95              | 0.43        | 1230          | ≤47           |
| FP102 | 12                | 220/50                   | YSK41-4C   | 30               | 98              | 0.45        | 1040          | ≤45           |
| FP102 | 30                | 220/50                   | YSK52-4C   | 40               | 112             | 0.47        | 1150          | ≤47           |
| FP102 | 50                | 220/50                   | YSK65-4C   | 55               | 114             | 0.50        | 1240          | ≤49           |
| FP136 | 12                | 220/50                   | YDK12-4C   | 18               | 140             | 0.64        | 940           | ≤46           |
| FP136 | 12                | 220/50                   | YSK41-4C   | 30               | 140             | 0.64        | 940           | ≤46           |
| FP136 | 30                | 220/50                   | YSK37-4C   | 37               | 149             | 0.69        | 1080          | ≤48           |
| FP136 | 30                | 220/50                   | YSK18-4C   | 20               | 149             | 0.69        | 1080          | ≤48           |
| FP136 | 50                | 220/50                   | YDK28-4C   | 22               | 170             | 0.78        | 1240          | ≤50           |
| FP136 | 50                | 220/50                   | YSK65-4C   | 55               | 170             | 0.78        | 1240          | ≤50           |
| FP170 | 12                | 220/50                   | YSK40-4C   | 40               | 162             | 0.78        | 1085          | ≤48           |
| FP170 | 30                | 220/50                   | YSK52-4C   | 52               | 174             | 0.80        | 1150          | ≤50           |
| FP170 | 50                | 220/50                   | YSK60-4C   | 60               | 187             | 0.87        | 1290          | ≤48           |
| FP204 | 12                | 220/50                   | YSK42-4C   | 42               | 197             | 0.90        | 1110          | ≤50           |
| FP204 | 30                | 220/50                   | YSK55-4C   | 55               | 228             | 1.04        | 1150          | ≤52           |
| FP204 | 50                | 220/50                   | YSK72-4C   | 67               | 238             | 1.10        | 1280          | ≤54           |
| FP238 | 12                | 220/50                   | YSK56-4C   | 55               | 240             | 1.02        | 1150          | ≤52           |
| FP238 | 30                | 220/50                   | YSK67-4C   | 63               | 251             | 1.18        | 1210          | ≤54           |
| FP238 | 50                | 220/50                   | YSK100-4C  | 80               | 293             | 1.36        | 1320          | ≤56           |

## Motor For Air Curtain



## Dimensions and Mounting Sizes (mm)



## Technical Specifications

| Type      | Voltage (V) | Frequency (Hz) | Output Power (W) | Pole | Capacitor (μF) | Center High (mm) | Shaft Diameter (mm) |
|-----------|-------------|----------------|------------------|------|----------------|------------------|---------------------|
| YDK-30-2  | 220         | 50             | 30               | 2    | 4.0            | 105              | M8                  |
| YSK-60-2  | 220         | 50             | 60               | 2    | 6.0            | 105              | M8                  |
| YSK-60-4  | 220         | 50             | 60               | 4    | 5.0            | 71               | 12                  |
| YSK-80-4  | 220         | 50             | 80               | 4    | 6.0            | 71               | 12                  |
| YSK-100-4 | 220         | 50             | 100              | 4    | 6.0            | 71               | 12                  |
| YSK-120-4 | 220         | 50             | 120              | 4    | 8.0            | 71               | 12                  |
| YSK-180-4 | 220         | 50             | 180              | 4    | 10.0           | 71               | 12                  |
| YSK-250-4 | 220         | 50             | 250              | 4    | 12.0           | 71               | 12                  |
| YSK-280-4 | 220         | 50             | 280              | 4    | 12.0           | 71               | 12                  |
| YSK-370-4 | 220         | 50             | 370              | 4    | 16.0           | 71               | 12/14               |
| YSK-370-4 | 220         | 50             | 400              | 4    | 16.0           | 71               | 14/16               |
| YSK-550-4 | 220         | 50             | 550              | 4    | 16.0           | 71               | 14/16               |

## Single-Phase Capacitor-Running Motor For EMBEDDING Air-Conditioners

### Product Characteristic

- Voltage can be 208-240V,50/60Hz,Output power is 10-100W.It can be provided according to customers' require-ments.
- Adopt international famous brand low-noise rolling bearing.
- The shafts are treated with hardening and tempering,andplated with ni-coating,and motor housing with plastic.
- Motor Insulation class: E/B/F, Protection grade of motorenclo-sure:IP00-P54.It can be provided according to custom.ers' require-ments.
- The motor has low noise,low vibration, high efficiency anddifferent kinds of installation.



### Technical Specifications

| Type       | Voltage (V) | Fequency (Hz) | Output Power (W) | Speed (R/Min) | Impeller Diameter (mm) | Air conditioner Type |
|------------|-------------|---------------|------------------|---------------|------------------------|----------------------|
| YDK-10-8P  | 220         | 50            | 37               | 550           | 315                    | 34                   |
| YDK-12-8P  | 220         | 50            | 50               | 630           | 315                    | 51                   |
| YDK-15-6P  | 220         | 50            | 58               | 780           | 315                    | 68                   |
| YDK-25-6P  | 220         | 50            | 65               | 650           | 370                    | 85                   |
| YDK-30-8P  | 220         | 50            | 80               | 640           | 380                    | 102                  |
| YDK-40-8P  | 220         | 50            | 100              | 740           | 380                    | 136                  |
| YDK-50-6P  | 220         | 50            | 140              | 680           | 470                    | 170                  |
| YDK-85-6P  | 220         | 50            | 180              | 775           | 470                    | 204                  |
| YDK-120-6P | 220         | 50            | 228              | 835           | 470                    | 238                  |

## Motor For Household Air-conditioning Indoor Machine



### Technical Specifications

| Type          | Voltage (V) | Fequency (Hz) | Output Power (W) | Current (A) | Speed (R/Min)  | Capacitor (μF) |
|---------------|-------------|---------------|------------------|-------------|----------------|----------------|
| YDK83-20-4    | 220         | 50            | 20               | 0.25        | 1320/1200/1050 | 2.0            |
| YDK93-12-4    | 220         | 50            | 12               | 0.14        | 1320/1200/1050 | 1.0            |
| YDK93-16-4    | 220         | 50            | 16               | 0.17        | 1320/1200/1050 | 1.0            |
| YDK120-30-8   | 220         | 50            | 30               | 0.56        | 530/430/360    | 3.0            |
| YDK120-50-8   | 220         | 50            | 50               | 0.80        | 560/460/360    | 4.0            |
| YDK139-100-10 | 220         | 50            | 100              | 1.20        | 460/400/330    | 6.0            |
| YDK139-120-10 | 220         | 50            | 120              | 1.40        | 500/430/350    | 6.0            |

## Motor For Household Air-conditioning Outdoor Machine



### Technical Specifications

| Type        | Voltage (V) | Fequency (Hz) | Output Power (W) | Current (A) | Speed (R/Min) | Capacitor (μF) |
|-------------|-------------|---------------|------------------|-------------|---------------|----------------|
| YDK95-20-6  | 220         | 50/60         | 20               | 0.22        | 800           | 2.0            |
| YDK95-25-6  | 220         | 50/60         | 25               | 0.30        | 800           | 1.0            |
| YDK95-35-6  | 220         | 50/60         | 35               | 0.40        | 800           | 1.0            |
| YDK120-50-6 | 220         | 50/60         | 50               | 0.46        | 800           | 3.0            |
| YDK120-60-6 | 220         | 50/60         | 60               | 0.62        | 800           | 4.0            |
| YDK120-70-6 | 220         | 50/60         | 70               | 0.71        | 800           | 6.0            |

Motor For Window Type Air Conditioner



Technical Specifications

| Type      | Voltage (V) | Fequency (Hz) | Output Power (W) | Speed (R/Min) | Capacitor |
|-----------|-------------|---------------|------------------|---------------|-----------|
| YSK-50-4  | 220         | 50/60         | 50               | 1220/1070/970 | KC-20     |
| YSK-60-4  | 220         | 50/60         | 60               | 1220/1070/970 | KC-25     |
| YSK-70-4  | 220         | 50/60         | 70               | 980/880/800   | KC-35     |
| YSK-130-4 | 220         | 50/60         | 130              | 880/830/780   | KC-50     |

Motor For Marine Type Fan

Suitable for marine typefan and similar purpose



Technical Specifications

| Output Power (W-P) | Output Power (W-P) | Voltage (V) | Fequency (Hz) | Fan Model |
|--------------------|--------------------|-------------|---------------|-----------|
| 90-6               | 200-4              | 208-230     | 50/60         | SYZ7-7I   |
| 90-6               | 200-4              | 208-230     | 50/60         | SYZ7-7III |
| 200-6              | 250-4              | 208-230     | 50/60         | SYZ7-8I   |
| 90-6               | 150-4              | 208-230     | 50/60         | SYZ7-8II  |
| 250-6              | 375-4              | 208-230     | 50/60         | SYZ7-7I   |
| 250-6              | 375-4              | 208-230     | 50/60         | SYZ7-7III |
| 250-6              | 450-4              | 208-230     | 50/60         | SYZ7-9I   |
| 200-6              | 250-4              | 208-230     | 50/60         | SYZ7-9II  |
| 375-6              | 450-4              | 208-230     | 50/60         | SYZ7-9III |
| 375-6              | 550-4              | 208-230     | 50/60         | SYZ7-8I   |
| 375-6              | 550-4              | 208-230     | 50/60         | SYZ7-8II  |
| 450-6              | 550-4              | 208-230     | 50/60         | SYZ7-10I  |
| 450-6              | 550-4              | 208-230     | 50/60         | SYZ7-10II |

5-5/8" Dia.Outdoor Fan Motors

- Class“B”Insulation
- Auto Protector
- Capacitor-running
- Standard Efficiency
- Fan continuously Running
- 60°C Ambient
- Totally Enclosed



Technical Specifications

| Type           | Voltage (V) | Fequency (Hz) | HP  | Speed (SPD) | Capacitor (μF/V) |
|----------------|-------------|---------------|-----|-------------|------------------|
| YSK140-120-6A2 | 220-230     | 50/60         | 1/6 | 1000/2      | 5.0/370          |
| YSK140-120-6A5 | 220-230     | 50/60         | 1/6 | 1095/3      | 5.0/370          |
| YSK140-120-6A7 | 220-230     | 50/60         | 1/6 | 1050/3      | 5.0/370          |
| YSK140-150-6A3 | 220-230     | 50/60         | 1/6 | 1050/3      | 5.0/370          |
| YSK140-150-6A2 | 220-230     | 50/60         | 1/6 | 1075/3      | 5.0/370          |
| YSK140-150-6A4 | 220-230     | 50/60         | 1/6 | 1115/3      | 5.0/370          |
| YSK140-150-6A7 | 220-230     | 50/60         | 1/6 | 1115/3      | 5.0/370          |
| YSK140-245-6A2 | 220-230     | 50/60         | 1/6 | 1075/3      | 5.0/370          |
| YSK140-120-4A3 | 220-230     | 50/60         | 1/6 | 1050/3      | 5.0/370          |
| YSK140-150-4A3 | 220-230     | 50/60         | 1/6 | 1075/3      | 5.0/370          |
| YSK140-185-4A7 | 220-230     | 50/60         | 1/6 | 1110/3      | 5.0/370          |
| YSK140-245-4A3 | 220-230     | 50/60         | 1/6 | 1110/3      | 7.5/370          |
| YSK140-375-4A5 | 220-230     | 50/60         | 1/6 | 1200/3      | 7.5/370          |
| YSK140-550-4A1 | 220-230     | 50/60         | 1/6 | 1200/3      | 7.5/370          |

## YDK140 Series Single Phase capacitor Operating Asynchronous Motor

Can be used for Condenser fan and similar use



### Technical Specifications

| Type           | Voltage (V) | Frequency (Hz) | Current (A) | Speed (SPD) | Output Power (W) | Insulation |
|----------------|-------------|----------------|-------------|-------------|------------------|------------|
| YSK140-150-4D2 | 208-230     | 50/60          | 1.8         | 1200/3      | 150              | B          |
| YSK140-150-6T5 | 208-230     | 50/60          | 1.2         | 850/3       | 150              | B          |
| YSK140-120-6T2 | 208-230     | 50/60          | 0.9         | 850/3       | 150              | B          |

## YDK120 Series Single Phase capacitor Operating Asynchronous Motor

- Class "B" Insulation
- Auto Protector
- Capacitor-running
- Standard Efficiency
- Fan continuously Running
- 40°C Ambient



### Technical Specifications

| Type          | Voltage (V) | Frequency (Hz) | HP   | Speed (RPM/SPD) | Current (A) |
|---------------|-------------|----------------|------|-----------------|-------------|
| YSK120-75-6   | 208-230     | 50/60          | 1/10 | 860             | 1.0         |
| YSK120-90-6   | 208-230     | 50/60          | 1/8  | 860             | 0.8         |
| YSK120-185-6  | 208-230     | 50/60          | 1/4  | 1075/3          | 1.8         |
| YSK120-74-4A4 | 208-230     | 50/60          | 1/6  | 1300/3          | 0.9         |

## EV Aporative Cooler Motors

### Product Characteristic

- Brass terminal plug
- Moisture-resistant terminal board
- Electro-zinc plated parts, switch, dust caps
- High viscosity encapsulating varnish
- Heavy insulated wire
- Class "B" insulation, Single or two speed
- Applications :Belt Driven Evaporative Coolers



### Technical Specifications

| Type          | Voltage (V) | Frequency (Hz) | HP (P)   | Speed (R/Min) | Current (A) | Bearings |
|---------------|-------------|----------------|----------|---------------|-------------|----------|
| YDK160-185-4A | 220-230     | 50/60          | 1/4-1/12 | 1725/1140     | 3.3/1.6     | Ball     |
| YDK160-245-4A | 220-230     | 50/60          | 1/3-1/9  | 1725/1140     | 3.0/2.0     | Ball     |
| YDK160-375-4A | 220-230     | 50/60          | 1/2-1/6  | 1725/1140     | 4.2/2.1     | Ball     |
| YDK160-550-4A | 220-230     | 50/60          | 3/4-1/4  | 1725/1140     | 5.2/3.2     | Ball     |
| YDK160-745-4A | 220-230     | 50/60          | 1-1/3    | 1725/1140     | 6.5/4.0     | Ball     |

## 3.3" Air Moving Motors



### Introduction

The diameter of stator is 85mm, capacitance-running, the speed of four pole. This kind of motors is designed for air-moving and mechanical applications such as kitchen and bath ventilators, wall heaters, humidifiers, dehumidifiers, room air conditioners, evaporator fans, ice makers, refrigerated display cabinets, walk-in coolers, evaporative coolers, exhaust fans, vending machines, medical equipment, hospital beds, dental chairs, compressors, business equipment, computer cooling, pumps, nebulizers, and dishwashers.

## Fan Motor For Drink Dispenser

**MODEL:** KJF4Y501A

**INTRODUCTION:**

1. 60°C ambient.
2. low noise, high efficiency, low power consumption.
3. Automatic thermal overload protector.



## Fan-coil Unit Work Brushless DC Motor Series Three Speed Control

### Product Characteristic

- Voltage can be 208-230V, output power is 10-120W, the motor power applies to all fan coil units series and all static press.
- Low-noise and high-quality rolling bearing.
- The motors have high efficiency, low power consumption and three speed regulation.
- The shafts are treated with hardening and tempering, and plated with ni-coating, and motor housing with plastic.
- Optimum application for varieties of fan coil pipes in order to make consumers' products best.



### Technical Specifications

| Type       | Voltage (V) | Speed (R/Min) | Output Power (W) | INS. |
|------------|-------------|---------------|------------------|------|
| YSK-10-8G  | 208-230     | 800/600/400   | 10               | B    |
| YSK-12-8G  | 208-230     | 800/600/400   | 12               | B    |
| YSK-16-8G  | 208-230     | 900/700/500   | 16               | B    |
| YSK-18-8G  | 208-230     | 950/750/500   | 18               | B    |
| YSK-20-8G  | 208-230     | 950/750/500   | 20               | B    |
| YSK-22-8G  | 208-230     | 950/750/500   | 22               | B    |
| YSK-25-8G  | 208-230     | 980/780/550   | 25               | B    |
| YSK-30-8G  | 208-230     | 1000/780/550  | 30               | B    |
| YSK-32-8G  | 208-230     | 1020/900/700  | 32               | B    |
| YSK-40-8G  | 208-230     | 1050/950/720  | 40               | B    |
| YSK-45-8G  | 208-230     | 1100/950/700  | 45               | B    |
| YSK-50-8G  | 208-230     | 1150/1050/950 | 50               | B    |
| YSK-60-8G  | 208-230     | 1200/1000/800 | 60               | B    |
| YSK-80-8G  | 208-230     | 1250/1000/800 | 80               | B    |
| YSK-100-8G | 208-230     | 1300/1000/800 | 100              | B    |
| YSK-120-8G | 208-230     | 1350/1100/900 | 120              | B    |

Note: 1. We can provide three speed according to customer's requirement.  
2. We offer more freedom for customers to adjust three speed.

## Fan-Coil Unit Works Brushless DC Motor Series Infinitely Adjustable Speed

### Product Characteristic

- Voltage can be 310-360V,output power is 20-120w,themotor power applies to all fan coil units series and all staticpress.
- Low-noise and high-quality rolling bearing.
- The motors have high efficiency,low power consumption, stepless speed regulating.
- The shafts are treated with hardening and tempering,andplated with ni-coating,and motor housing with plastic.
- Optimum application for varieties of fan coil pipes in order tomake consumers' products best.



### Technical Specifications

| Type          | Voltage (V) | Current (A) | Speed (R/Min) | Input Power (W) | Output Power (W) | INS. |
|---------------|-------------|-------------|---------------|-----------------|------------------|------|
| YSK-20-8BLDC  | 310-360     | 0.08        | 300-1500      | 25              | 20               | B/F  |
| YSK-25-8BLDC  | 310-360     | 0.11        | 300-1500      | 32              | 25               | B/F  |
| YSK-30-8BLDC  | 310-360     | 0.13        | 300-1500      | 39              | 30               | B/F  |
| YSK-40-8BLDC  | 310-360     | 0.17        | 300-1500      | 43              | 40               | B/F  |
| YSK-50-8BLDC  | 310-360     | 0.20        | 300-1500      | 63              | 50               | B/F  |
| YSK-60-8BLDC  | 310-360     | 0.26        | 300-1500      | 80              | 60               | B/F  |
| YSK-80-8BLDC  | 310-360     | 0.35        | 300-1500      | 108             | 80               | B/F  |
| YSK-100-8BLDC | 310-360     | 0.43        | 300-1500      | 132             | 100              | B/F  |
| YSK-120-8BLDC | 310-360     | 0.51        | 300-1500      | 158             | 120              | B/F  |

Note:1.We can design according to customer's requirement of the three speed.  
2.We offers more freedom for customers to adjusted the three speed.

## Brushless DC Motor-Plastic Series

### Product Characteristic

- Can be used for indoor unit of split air conditioner.
- With stepless speed adjustment function.
- Little vibration,low noise.
- High efficiency,high reliability.



### Technical Specifications

| Voltage (V) | VCC (V) | VSP   | Output Power (W) | Speed (R/Min) | Every Turn Pulse Count | Insulation |
|-------------|---------|-------|------------------|---------------|------------------------|------------|
| 200-370     | 15      | 0-6.5 | 10-50            | 0-2500        | 4 or 12                | B          |



### Technical Specifications

| Type | Voltage (V) | VCC (V) | VSP   | Output Power (W) | Speed (R/Min) | Noise (dBA) | Rotation Torque |
|------|-------------|---------|-------|------------------|---------------|-------------|-----------------|
| ZWS  | 200-370     | 15      | 0-6.5 | 10-200           | 0-1350        | 45          | /               |

## Multi-Speed Motor Series

### Product Characteristic

- The motor can be used in fan coil units air supply system. Compared with ordinary fan coil motor, this kind of motor has 5-7 speed to satisfy customers' requirements of multiple speed.



### Technical Specifications

| Type          | Voltage (V) | Frequency (Hz) | Output Power (W) | Current (A) | Speed (R/Min)              | INS. |
|---------------|-------------|----------------|------------------|-------------|----------------------------|------|
| YDK110-30-4S  | 208-230     | 50/60          | 30               | 0.37        | 1280/1160/1030/910/790/665 | B/F  |
| YDK110-40-4S  | 208-230     | 50/60          | 40               | 0.48        | 1280/1160/1030/910/790/665 | B/F  |
| YDK110-50-4S  | 208-230     | 50/60          | 50               | 0.60        | 1280/1160/1030/910/790/665 | B/F  |
| YDK110-75-4S  | 208-230     | 50/60          | 75               | 0.92        | 1280/1160/1030/910/790/665 | B/F  |
| YDK110-100-4S | 208-230     | 50/60          | 100              | 1.05        | 1280/1160/1030/910/790/665 | B/F  |
| YDK120-75-4S  | 208-230     | 50/60          | 75               | 0.73        | 1280/1160/1030/910/790/665 | B/F  |
| YDK120-100-4S | 208-230     | 50/60          | 100              | 0.93        | 1280/1160/1030/910/790/665 | B/F  |
| YDK140-160-4S | 208-230     | 50/60          | 160              | 1.38        | 1280/1160/1030/910/790/665 | B/F  |
| YDK140-200-4S | 208-230     | 50/60          | 200              | 1.68        | 1280/1160/1030/910/790/665 | B/F  |
| YDK140-250-4S | 208-230     | 50/60          | 250              | 2.00        | 1280/1160/1030/910/790/665 | B/F  |
| YDK140-400-4S | 208-230     | 50/60          | 400              | 3.00        | 1280/1160/1030/910/790/665 | B/F  |
| YDK140-160-4S | 208-230     | 50/60          | 160              | 1.38        | 1280/1160/1030/910/790/665 | S    |
| YDK140-200-4S | 208-230     | 50/60          | 200              | 1.68        | 1280/1160/1030/910/790/665 | B/F  |

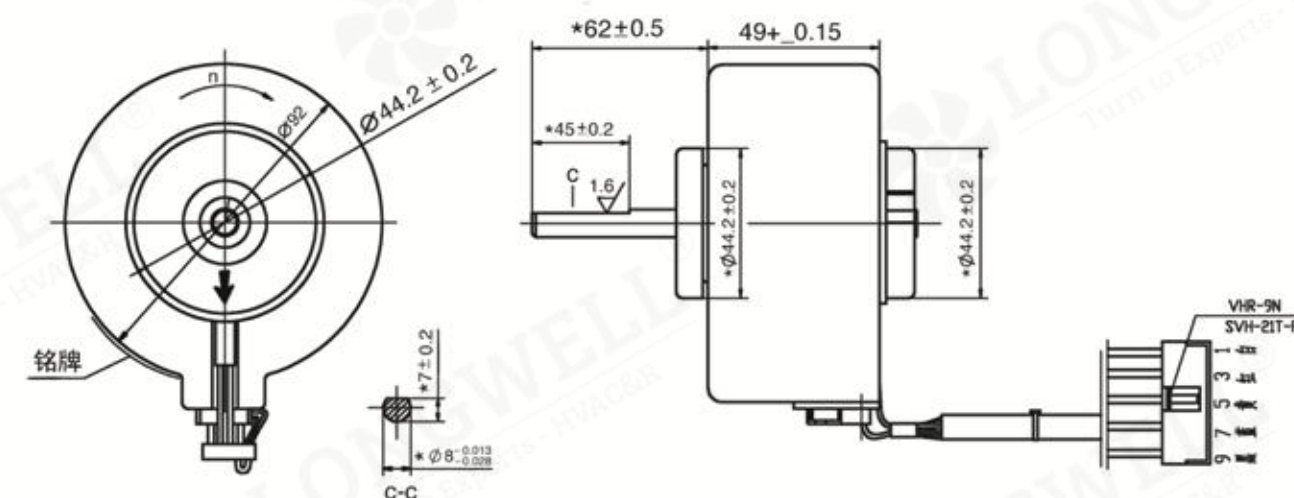
## YDK Series Single-Phase Capacitor-Running Asynchronous Resin Motor

### Product Characteristic

- This fan motor can be used for indoor unit of split type air conditioner and air cleaner.
- Power supply: 100-120V, 200-240V, Frequency: 50Hz, 60Hz, 50/60Hz. Poles: 2 poles or 4 poles, Output: 5-35W.
- Stable performance, high efficiency.
- Low vibration, low noise motors, as a result of steel cores being pressed by high speed with auto-stacking mould.
- Adopt excellent, low-noise rolling bearing, motor life ≥ 80,000 hours.
- Motors with special specification can be designed according to the clients' requirements.



### Dimensions and Mounting Sizes (mm)



### Technical Specifications

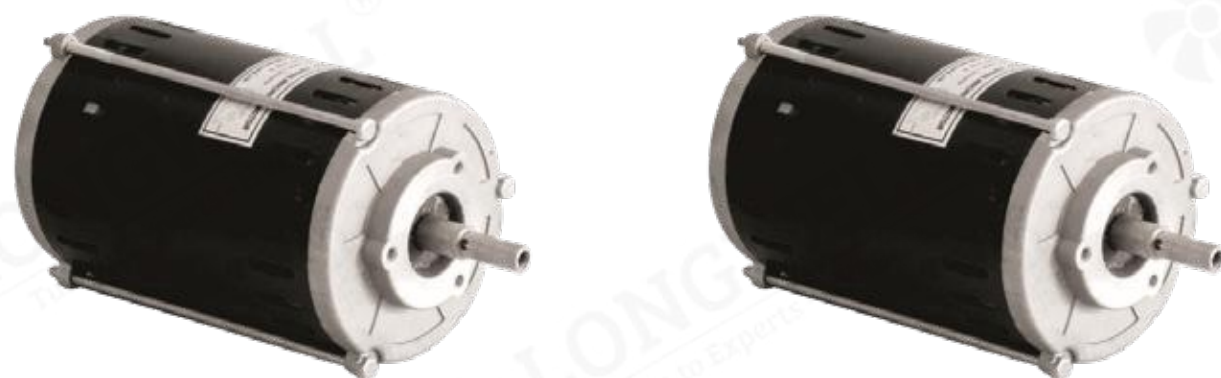
| Type       | Voltage (V) | Frequency (Hz) | VSP | Output Power (W) | Speed (R/Min) | Capacitor (μF) |
|------------|-------------|----------------|-----|------------------|---------------|----------------|
| YDK Series | 100-120     | 50/60          | 4   | 5-35             | 900/1100/1300 | 1.0-8.0        |
| YDK Series | 200-240     | 50/60          | 4   | 5-35             | 900/1100/1300 | 1.0-2.5        |

| Type       | Voltage (V) | Frequency (Hz) | VSP | Output Power (W) | Speed (R/Min) | Every Turn Pulse Count | Capacitor (μF) |
|------------|-------------|----------------|-----|------------------|---------------|------------------------|----------------|
| YDK Series | 100-120     | 50/60          | 4   | 5-35             | 600-1360      | 2001/3/6               | 1.0-8.0        |
| YDK Series | 200-240     | 50/60          | 4   | 5-35             | 600-1360      | 2001/3/6               | 1.0-2.5        |

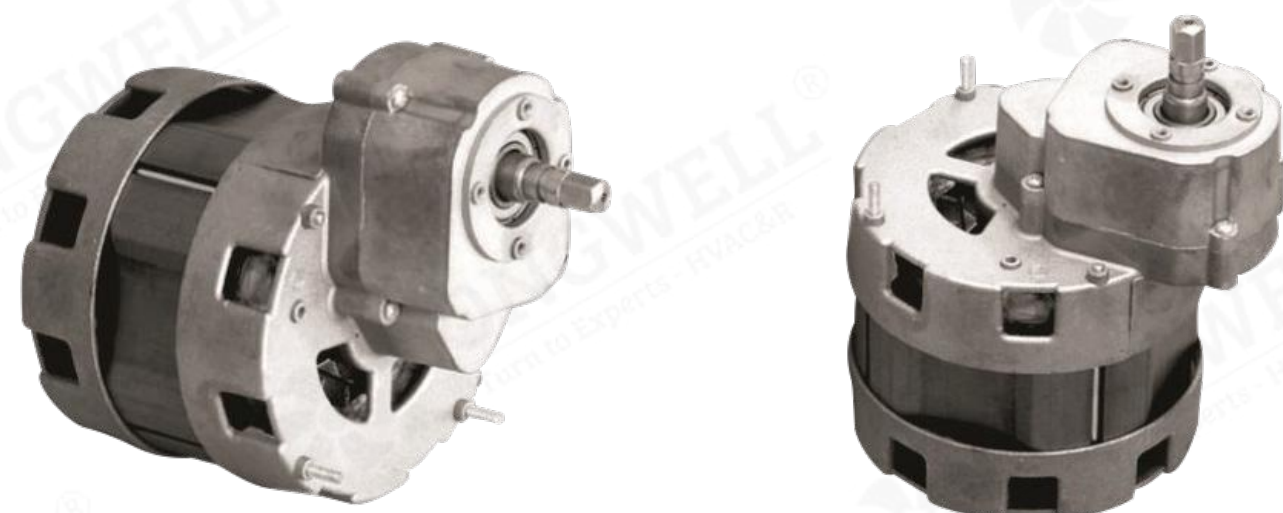
## Other AC Motors Produced In Our Company



Single-phase capacitor-running motor for ducted direct drive fan coil units



Beans paddle fan motor



Juice machine motor