

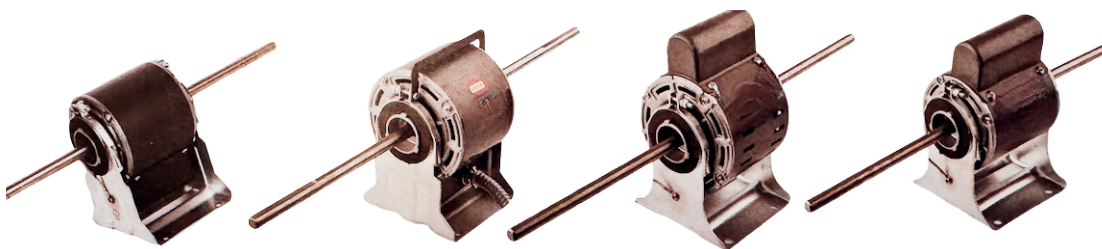
# RVM

# AC MOTOR

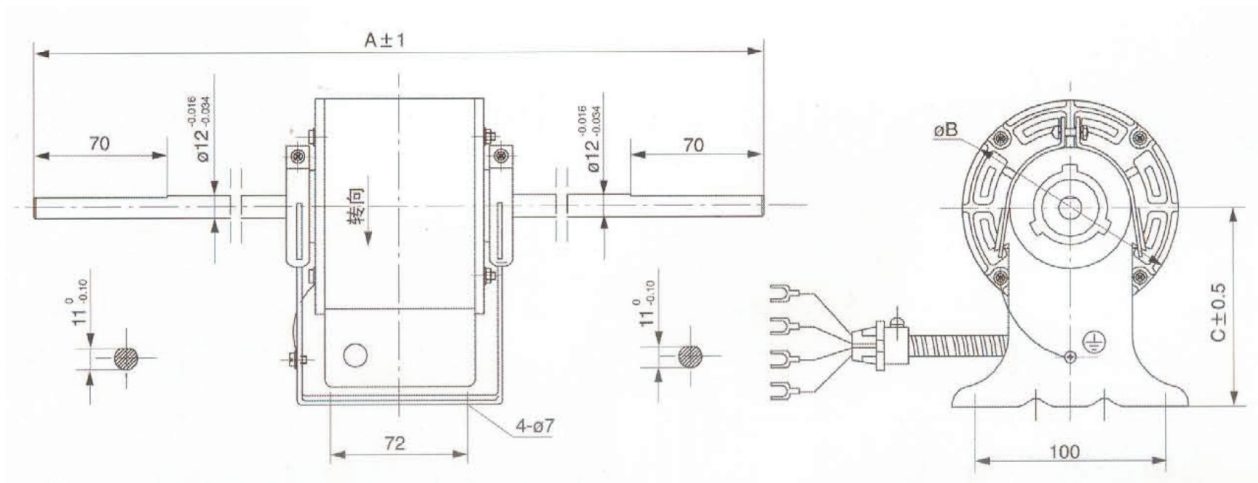
## SINGLE-PHASE CAPACITOR-RUN MOTOR FOR FAN COIL UNIT AIR SUPPLY

### Introduction

1. Voltage: 100–415 V, 50/60 Hz; output power: 4–150 W, available upon request.
2. Equipped with NSK low-noise, high-quality rolling bearings.
3. Applicable unit range: FP34–FP238; external static pressure can be provided as required.
4. The shaft is quenched and tempered, with nickel-plated treatment to ensure permanent corrosion resistance; the housing features electrophoretic coating with powder spraying.
5. Motor insulation classes available: E / B / F; enclosure protection ratings: IP00–IP54, available upon request



### Outline Dimensions



Dimension/Size	A	B	C
Dimensions	510/470/442	97/104/114	85 / 90 / 94 / 95 / 100 / 105

## Technical Parameters

Type	Static Pressure	Voltage/ Frequency	Motor Type	Output	Input	Current	Speed	Noise
Unit	Pa	V/Hz		W	W	A	r/min	dB(A)
RVM-FP34	12	220V/50Hz	RDK10-4C	10	34	0.15	820	≤37
	30	220V/50Hz	RDK12-4C	12	41	0.19	900	≤40
	50	220V/50Hz	RDK18-4C	18	48	0.22	1130	≤42
RVM-FP51	12	220V/50Hz	RSK12-4C	12	48	0.22	810	≤39
	30	220V/50Hz	RSK18-4C	18	56	0.26	950	≤42
	50	220V/50Hz	RSK28-4C	28	68	0.31	1120	≤44
RVM-FP68	12	220V/50Hz	RSK18-4C	18	55	0.25	840	≤41
	30	220V/50Hz	RSK30-4C	30	76	0.35	1030	≤44
	50	220V/50Hz	RSK40-4C	40	81	0.37	1160	≤46
RVM-FP85	12	220V/50Hz	RSK32-4C	32	77	0.35	980	≤43
	30	220V/50Hz	RSK34-4C	34	87	0.4	1050	≤46
	50	220V/50Hz	RSK54-4C	54	95	0.43	1230	≤47
RVM-FP102	12	220V/50Hz	RSK41-4C	41	98	0.45	1040	≤45
	30	220V/50Hz	RSK52-4C	52	112	0.52	1150	≤47
	50	220V/50Hz	RSK65-4C	65	114	0.52	1240	≤49
RVM-FP136	12	220V/50Hz	RDK12-4C	12	140	0.64	940	≤46
			RSK41-4C	41				
	30	220V/50Hz	RSK37-4C	37	149	0.69	1080	≤48
			RDK18-4C	18				
	50	220V/50Hz	RDK28-4C	28	170	0.78	1240	≤50
			RSK65-4C	65				
RVM-FP170	12	220V/50Hz	RSK40-4C	40	162	0.78	1085	≤48
	30	220V/50Hz	RSK52-4C	52	174	0.8	1150	≤50
	50	220V/50Hz	RSK60-4C	60	187	0.87	1290	≤52
RVM-FP204	12	220V/50Hz	RSK42-4C	42	197	0.9	1112	≤50
	30	220V/50Hz	RSK55-4C	55	228	1.04	1150	≤52
	50	220V/50Hz	RSK72-4C	72	238	1.1	1280	≤54
RVM-FP238	12	220V/50Hz	RSK56-4C	56	240	1.1	1150	≤52
	30	220V/50Hz	RSK67-4B4	67	251	1.2	1210	≤54
	50	220V/50Hz	RSK100-4C	100	293	1.4	1320	≤56

## SINGLE-PHASE CAPACITOR-RUN MOTOR FOR DUCTED AIR CONDITIONER AIR SUPPLY

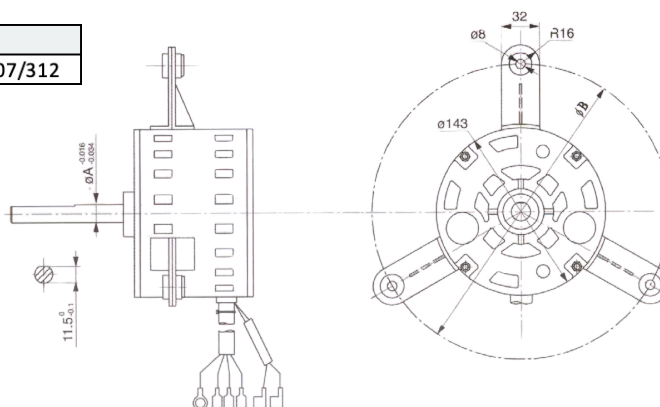
### Introduction

1. Voltage: 208–240 V, 50/60 Hz; output power: 80–650 W, available upon request.
2. Equipped with NSK low-noise, high-quality rolling bearings.
3. This series of motors is widely used in units with airflow rates of 400–5,000 m<sup>3</sup>/h; external static pressure of 30–200 Pa is available upon request.
4. The shaft is quenched and tempered and nickel-plated to ensure permanent corrosion resistance; the housing features electrophoretic coating with powder spraying.
5. Motor insulation classes available: B / F; enclosure protection ratings: IP00–IP54, available upon request.



### Outline Dimensions

Dimension/Size	A	B
Dimensions	12.7/15/17	210/250/280/307/312



### Technical Parameters

Type	Voltage/ Frequency	Static Pressure	Output	Input	Current	Speed	Airflow	Noise
Unit	V/ Hz	Pa	W	W	A	r/min	m <sup>3</sup> /h	dB(A)
RDK100-6F	220V/50Hz	25-125	100	232	1.2	890	400-1400	≤44
RDK135-6F	220V/50Hz	25-125	135	260	1.2	910	700-1500	≤46
RDK180-6F	220V/50Hz	40-150	180	400	1.9	1020	1000-2000	≤48
RDK220-6F	220V/50Hz	40-150	220	400	1.7	980	1200-2500	≤49
RDK270-6F	220V/50Hz	40-150	270	440	2.0	1000	1600-2700	≤50
RDK300-6F	220V/50Hz	50-150	300	560	2.6	1020	1900-3400	≤52
RDK400-6F	220V/50Hz	50-150	400	640	2.9	1040	2200-3500	≤57
RDK550-4X	220V/50Hz	0-180	550	1050	4.7	1100	2000-3000	≤59
RDK650-4A	220V/50Hz	120-250	650	1180	5.5	1250	2000-3000	≤62
RDK750-4D	220V/50Hz	120-250	750	1320	6.0	1300	2000-3000	≤62

# RVM

# AC MOTOR

## SINGLE-PHASE CAPACITOR-RUN MOTOR FOR CEILING-MOUNTED AIR CONDITIONERS

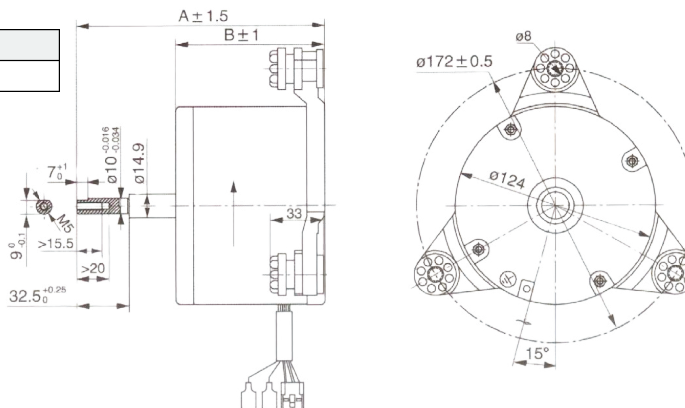
### Introduction

1. Voltage: 208–240 V, 50/60 Hz; output power: 2–100 W, available upon request.
2. Equipped with NSK low-noise, high-quality rolling bearings.
3. The shaft is quenched and tempered and nickel-plated to ensure permanent corrosion resistance; the housing is finished with electrophoretic coating and powder spraying, or alternatively uses a fully steel deep-drawn housing.
4. Motor insulation classes available: B / F; enclosure protection ratings: IP00–IP42, available upon request.
5. The motor features low noise, low vibration, high efficiency, and various installation configurations.



### Outline Dimensions

Dimension/Size	A	B
Dimensions	138.5/153.5	92.5/115



### Technical Parameters

Type	Voltage/ Frequency	Static Pressure	Output	Input	Current	Speed	Airflow	Noise
Unit	V/ Hz	Pa	W	W	A	r/min	m <sup>3</sup> /h	dB(A)
RDK2-6B	220V/50Hz	0	2	23	0.13	420	360	≤37
RDK7-6B	220V/50Hz	0	7	30	0.15	550	520	≤39
RDK10-6B	220V/50Hz	0	10	35	0.16	630	620	≤41
RDK16-6B	220V/50Hz	0	16	45	0.19	750	750	≤43
RDK29-6B	220V/50Hz	0	29	66	0.30	900	920	≤46
RDK22-6B	220V/50Hz	0	22	63	0.29	600	1000	≤43
RDK24-6B	220V/50Hz	0	24	91	0.43	620	1120	≤43
RDK45-6B	220V/50Hz	0	45	97	0.44	750	1400	≤45
RDK33-6B	220V/50Hz	0	33	122	0.55	500	1700	≤50
RDK54-6B	220V/50Hz	0	54	165	0.74	590	2050	≤52
RDK87-6B	220V/50Hz	0	87	196	0.95	680	2400	≤52

# RVM

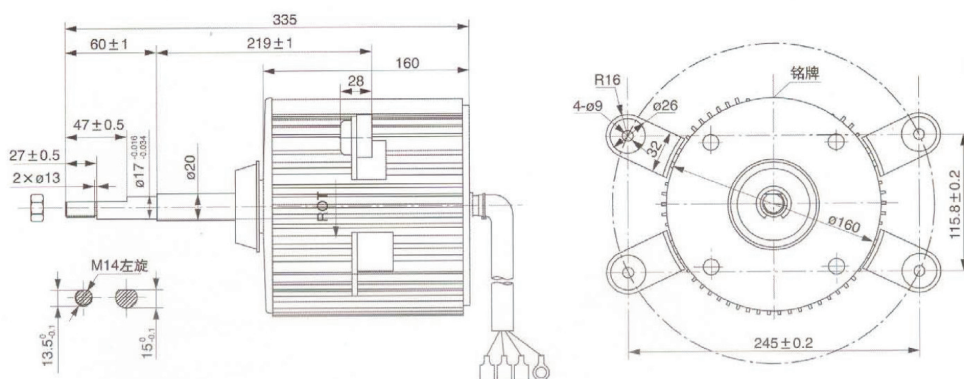
## MOTOR FOR AIR COOLED HEAT PUMP CHILLER

# AC MOTOR

### Introduction

- 1.Voltage can be 208~240V, 50/60Hz, Output power 200~1000W, production according to customer's requirements.
- 2.Low-noise and high-quality NSK ball bearing imported.
- 3.The series motor were designed for airflow 8000~20000 m<sup>3</sup>/h of air-conditioners unit, the motor can be multispeed and stepless speed regulating.
- 4.The shafts treated with hardening and tempering, and plated ni-coating, and motor housing plated plastic, and used by aluminum alloy cover.
- 5.Insulation class for F, protection grade of motor enclosure for IP54, and be provided according to customer's requirements.

### Outline Dimensions



### Technical Parameters

Type	Voltage/ Frequency	Output	Input	Current	Speed	Noise
Unit	V/ Hz	W	W	A	r/min	dB(A)
RDK450-10DC	380V/50 Hz	450	690	2.2	560	≤50
RDK450-12AC	220V/60Hz	450	720	3.4	460	≤46
RDK550-6D	220V/50Hz	550	850	4	850	≤59
RDK550-6E	220V/50Hz	550	860	4.2	830/700	≤59
RDK600-8/12E	380V/50 Hz	450	670	1.5	700/390	≤50
RDK750-8/16A	220V/50Hz	750	1100	3.6	790/410	≤45
RDK900-6/10A	380V/50 Hz	800	1150	2	780/480	≤58
RDK1000-6/10A	380V/50 Hz	1000	1300	2.5	930/550	≤58

# RVM

# AC MOTOR

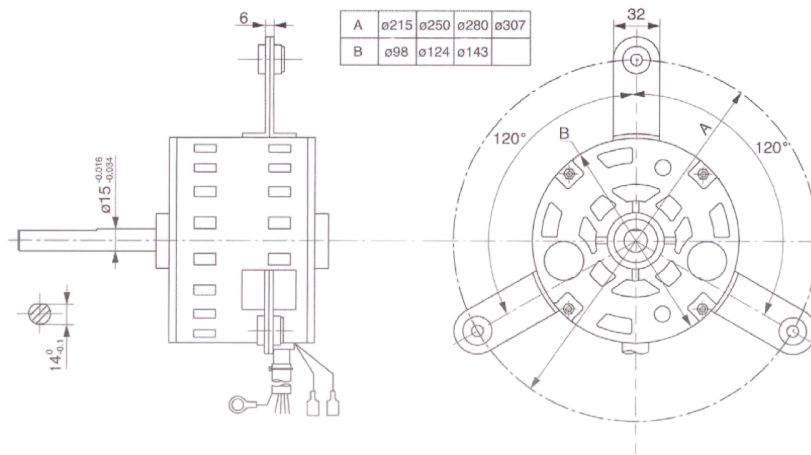
## THE MOTOR FOR AIR CONDITIONERS FOR WATER SOURCE HEAT PUMP CHILLER

### Introduction

- 1.Voltage can be 208~240V, 50/60Hz Output power 20~800W, production according to customer's requirements.
- 2.Low-noise and high-quality NSK ball bearing imported.
- 3.The shafts treated with hardening and tempering, and plated ni-coating, and motor housing plated plastic.
- 4.Insulation class for B/F, protection grade of motor enclosure for IP00~IP54, and be provided according to customer's requirements.



### Outline Dimensions



### Technical Parameters

Type	Voltage/ Frequency	Output	Current	Speed
Unit	V/ Hz	W	A	r/min
RDK20-6M	220V/50Hz	20	0.18	550
RDK40-4M	220V/50Hz	40	0.54	820
RDK75-4M	220V/50Hz	75	0.83	860
RDK145-4M	220V/50Hz	145	1.1	950
RDK220-4M	220V/50Hz	220	1.68	1270
RDK180-6M	220V/50Hz	180	1.52	790
RDK600-4M	220V/50Hz	600	4.42	1230

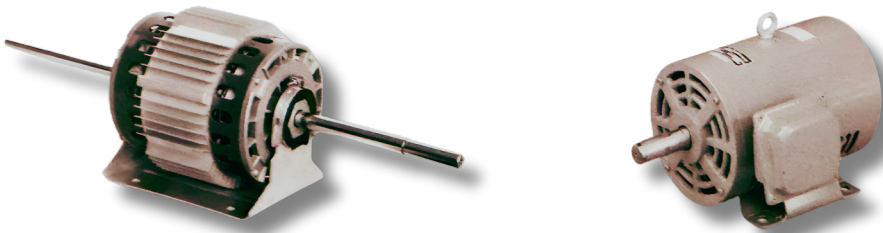
# RVM

## THE MOTOR FOR WATER COOLING PACKAGE UNITS

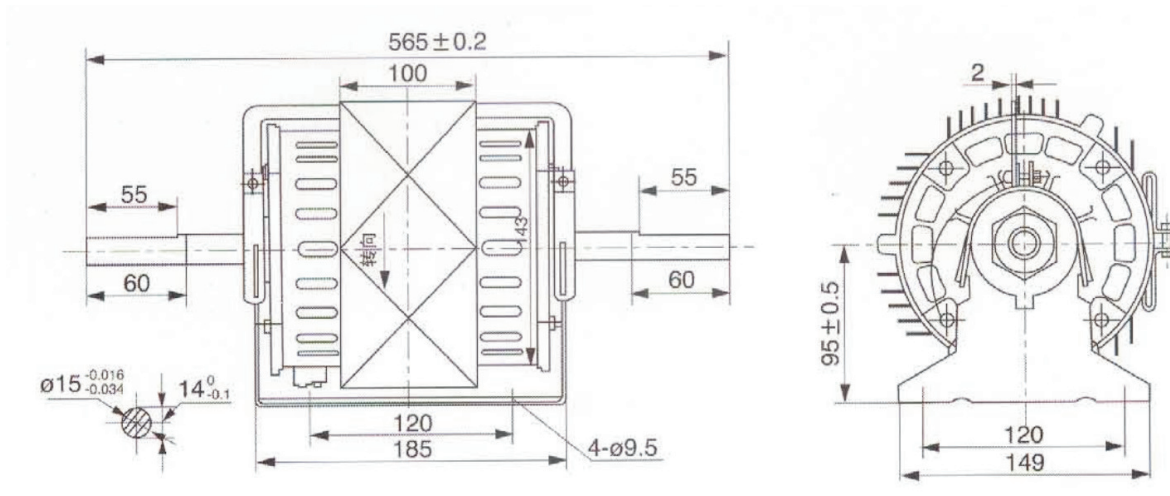
# AC MOTOR

### Introduction

1. Voltage can be 208~240V,50/60Hz, Output power 200~4000W, the motor can be single-phase or 3-phase, production according to customer's requirements.
2. Low-noise and low vibration NSK ball bearing imported.
3. The shafts treated with hardening and tempering, and plated ni-coating, and motor housing plated plastic.
4. Insulation class for B/F, protection grade of motor enclosure for IP00~IP54, and be provided according to customer's requirements.



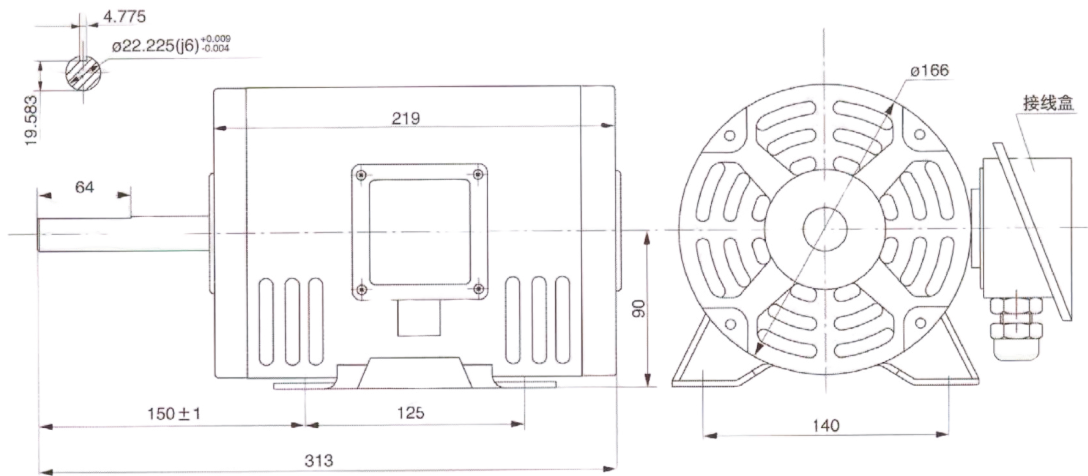
### Outline Dimensions



## Outline Parameters

Type	Voltage/Phase/ Frequency	Output	Current	Speed
Unit	V/Ph/ Hz	W	A	r/min
RSK580-4C	220/1/50	580	5.0	1250
RSK900-6C	220/1/50	900	7.3	810
RSK800-4D	380/3/50	800	2.5	1100
RSK900-4	380/3/50	900	2.8	1250
RSK1100-4D	380/3/50	1100	4.0	1350

## Outline Dimensions



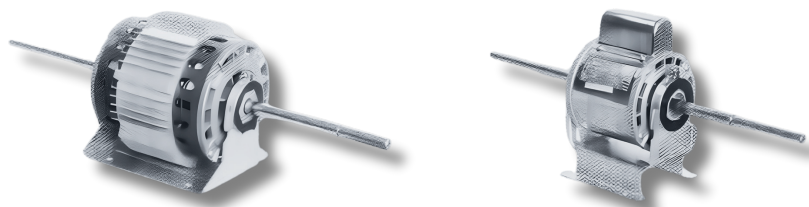
## Outline Parameters

Type	Voltage/ Frequency	Output	Current	Speed
Unit	V/ Hz	W	A	r/min
YDK750-4	380V/50 Hz	750	1.5	1430
YDK1100-4	380V/50 Hz	1000	3.1	1430
YDK3000-4	380V/50 Hz	3000	4.3	1430

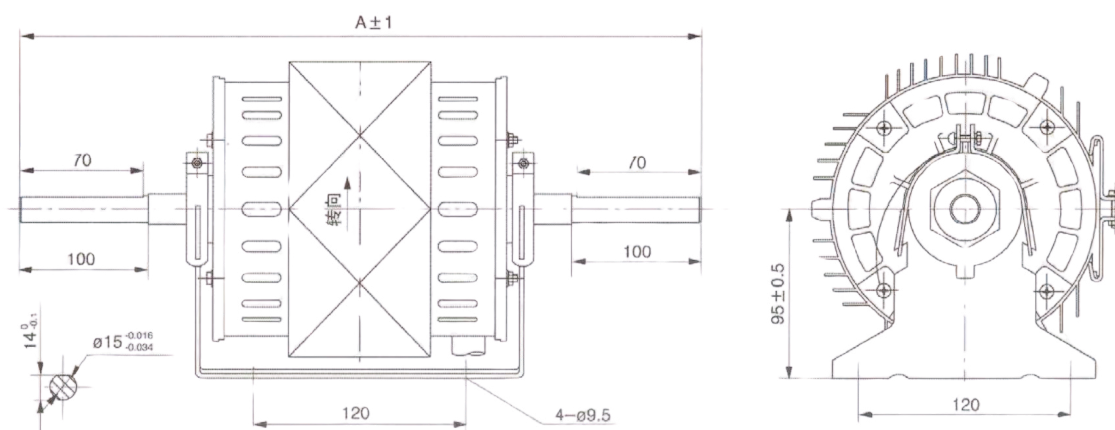
## SINGLE-PHASE CAPACITOR-RUNNING MOTOR FOR DUCTED DIRECT DRIVE FAN COIL UNITS

### Introduction

- 1.Voltage can be 100~415V, 50/60Hz, Output power 100~750W, production according to customer's requirements.
- 2.Low-noise and high-quality NSK ball bearing imported.
- 3.The series motor were designed for airflow 700~7000 m<sup>3</sup>/h and static press 50~200Pa of air-conditioners unit, production according to customer's requirements.
- 4.The shafts treated with hardening and tempering, and plated ni-coating, and motor housing plated plastic.
- 5.Insulation class for B/F, protection grade of motor enclosure for IP00~|P54, and be provided according to customer's requirements.



### Outline Dimensions



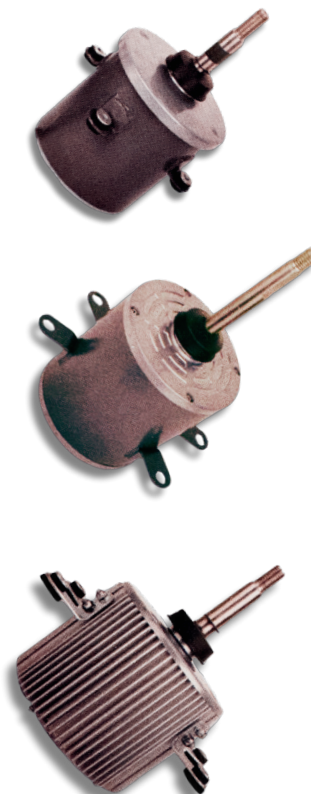
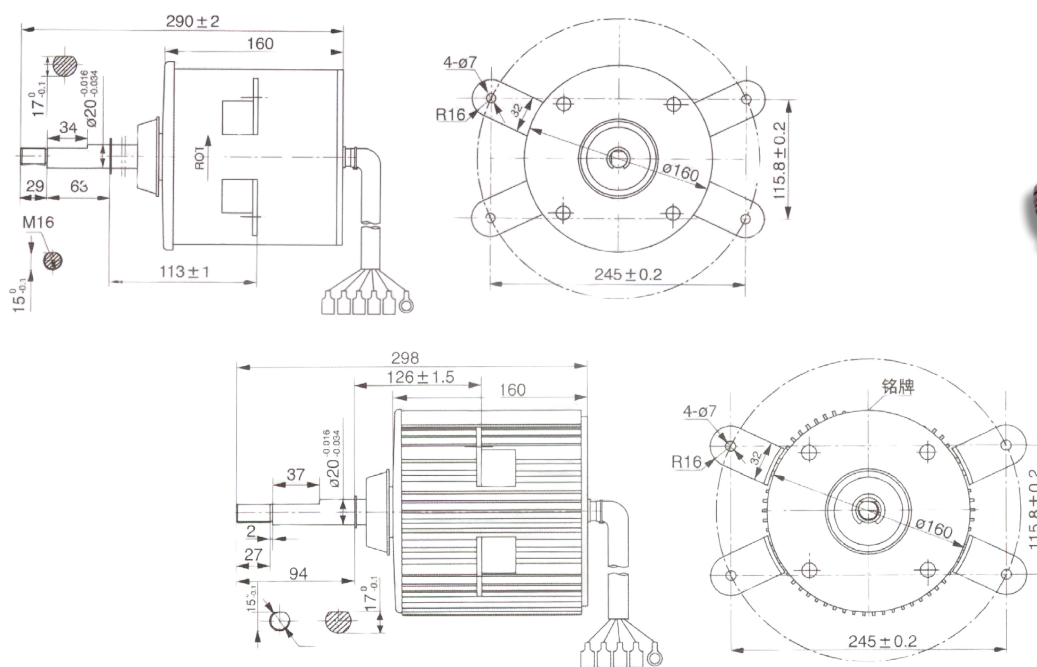
### Technical Parameters

Type	Voltage/ Frequency	Static Pressure	Output	Input	Current	Speed	Airflow	Noise
Unit	V/ Hz	Pa	W	W	A	r/min	m <sup>3</sup> /h	dB(A)
RSK150-4B	220V/50Hz	10-75	150	330	1.55	1300	700-1500	≤47
RSK200-4B	220V/50Hz	10-85	200	465	2.15	1200	700-1800	≤49
RSK250-4B	220V/50Hz	20-85	250	580	2.70	1320	1000-2200	≤49
RSK300-4B	220V/50Hz	20-100	300	630	2.95	1100	1200-2700	≤49
RSK400-4B	220V/50Hz	20-100	400	730	3.40	1100	1500-3200	≤50
RSK450-4B	220V/50Hz	30-100	450	1030	4.80	1200	1800-3700	≤52
RSK550-4M	220V/50Hz	0-150	550	810	4.80	1350	1200-3000	≤59

### Introduction

1. Voltage can be 208-240V, 50/60Hz Output power 200~1000W, production according
2. to customer's requirements.
3. Low-noise and high-quality NSK ball bearing imported.
4. The series motor were designed for airflow 8000~20000 m<sup>3</sup>/h of air-conditioners unit, the motor can be multispeed and stepless speed regulating.
5. The shafts treated with hardening and tempering, and plated ni-coating, and motor housing plated plastic.
6. Insulation class for /F, protection grade of motor enclosure for IP54, and be provided according to customer's requirements.

### Outline Dimensions



### Technical Parameters

Type	Voltage/ Frequency	Output	Input	Current	Speed	Noise
Unit	V/ Hz	W	W	A	r/min	dB(A)
RDK380-4D	220V/50Hz	380	610	2.8	1070/800	≤59
RDK450-6C	220V/50Hz	450	760	3.5	900/750	≤62
RDK250-6W8	220V/50Hz	250	430	1.7	840/700	≤52
RDK280-6Y8	220V/50Hz	280	460	2.0	880/750	≤55
RDK550-6L8	220V/50Hz	550	800	3.6	860/710	≤65
RDK600-4P8	220V/50Hz	600	1050	4.8	1130/930	≤65

# RVM

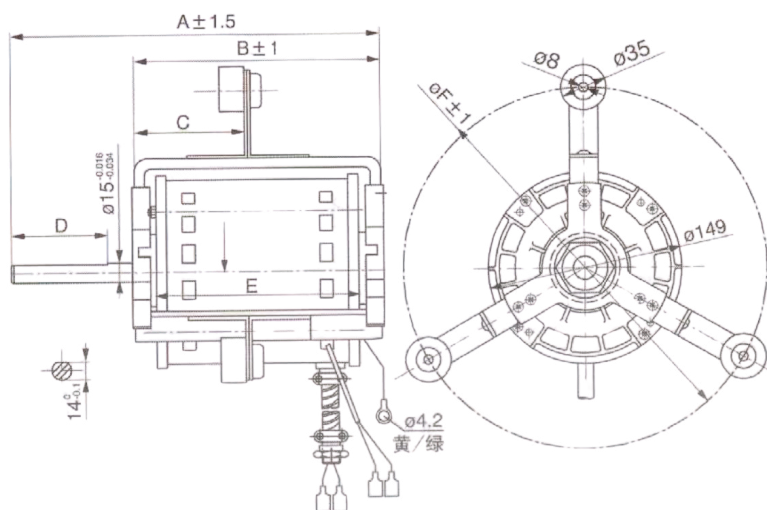
# AC MOTOR

## SINGLE PHASE CAPACITOR-RUNNING MOTOR FOR VAV - VARIABLE AIR VOLUME

### Introduction

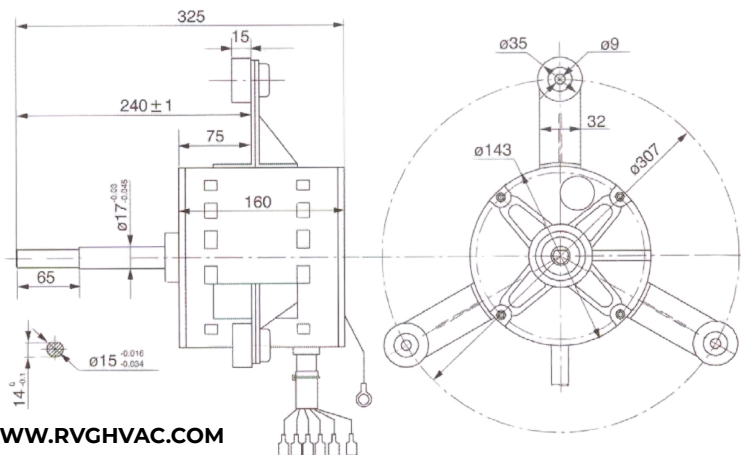
- 1.Voltage can be 100~415V, 50/60Hz, Output power 40~630W, production according to customer's requirements.
- 2.Low-noise and high-quality NSK ball bearing imported.
- 3.The series motor apply to 45M(J)RFD9-4F~10-11F of fan unit, static press can be according to requirements of customers to provide.
- 4.The shafts treated with hardening and tempering, and plated ni-coating, and motor
- 5.housing plated plastic.
- 6.Insulation class for E/B/F, protection grade of motor enclosure for IP00~IP54, and be provided according to customer's requirements.

### Outline Dimensions

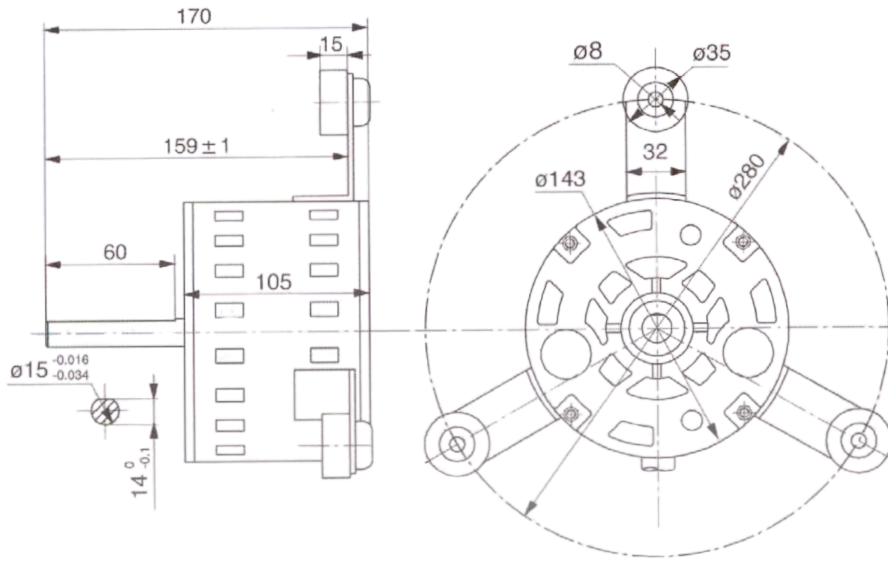


A	B	C	D	E	F
225 / 325 / 350	150 / 200	85 / 90	60 / 70	116 / 166	$\phi 250 / \phi 307$

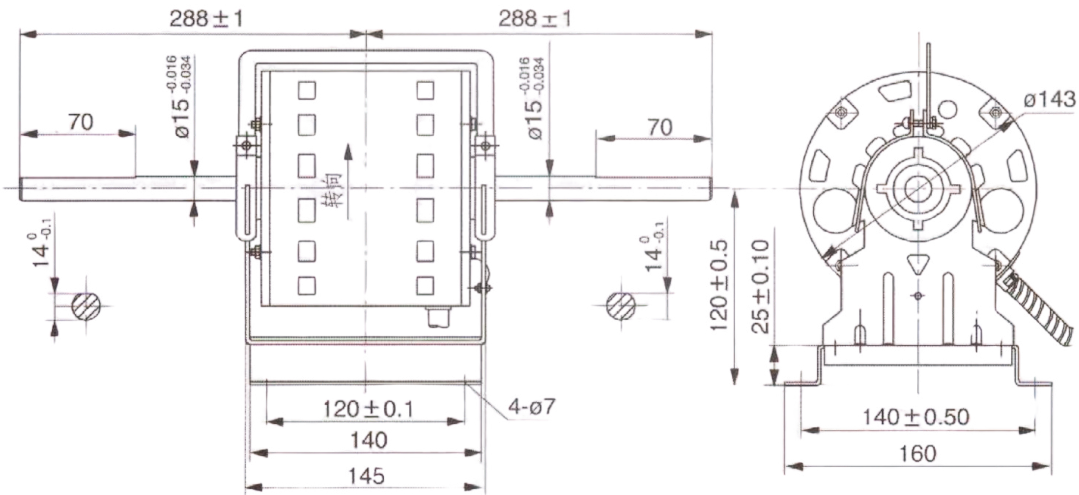
### Outline Dimensions



## Outline Dimensions



## Outline Dimensions



## Technical Parameters

Type	Voltage/ Frequency	Static Pressure	Output	Input	Current	Speed	Airflow	Noise
Unit	V/ Hz	Pa	W	W	A	r/min	m <sup>3</sup> /h	dB(A)
RDK42-6D	220V/50Hz	0-100	42	115	0.54	920	500-900	≤42
RDK120-6D	220V/50Hz	0-145	120	208	0.96	950	450-1350	≤46
RDK150-6D	220V/50Hz	0-150	150	399	1.82	850	1500-2400	≤47
RDK200-6D	220V/50Hz	0-150	200	582	2.7	880	1600-3300	≤49
RDK300-6D	220V/50Hz	0-150	300	593	3.1	920	2200-3100	≤49
RDK400-6D	220V/50Hz	0-150	400	642	3.3	930	2000-3300	≤50
RDK60-6B	220V/50Hz	0-100	60	138	0.63	830	850-1200	≤43
RDK500-6B	220V/50Hz	0-200	500	680	3.7	850	2400-3500	≤52
RDK600-6B	220V/50Hz	0-200	600	720	3.3	850	2500-3800	≤55
RDK630-6B	220V/50Hz	0-200	630	880	4.3	850	3000-4150	≤58
RDK75-4B	220V/50Hz	0-150	75	136	0.82	1050	600-900	≤45
RDK130-4B	220V/50Hz	0-200	130	200	1.5	1000	800-1100	≤48
RDK200-4B	220V/50Hz	0-200	200	350	2	960	1000-1750	≤50
RSK125-4B	220V/50Hz	0-200	125	200	1.32	1250	1000-1600	≤48
RSK160-4B	220V/50Hz	0-200	160	350	1.69	1150	1200-2000	≤50

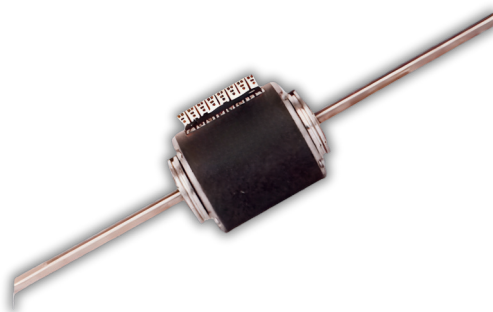
# RVM

## MULTI-SPEED MOTOR SERIES

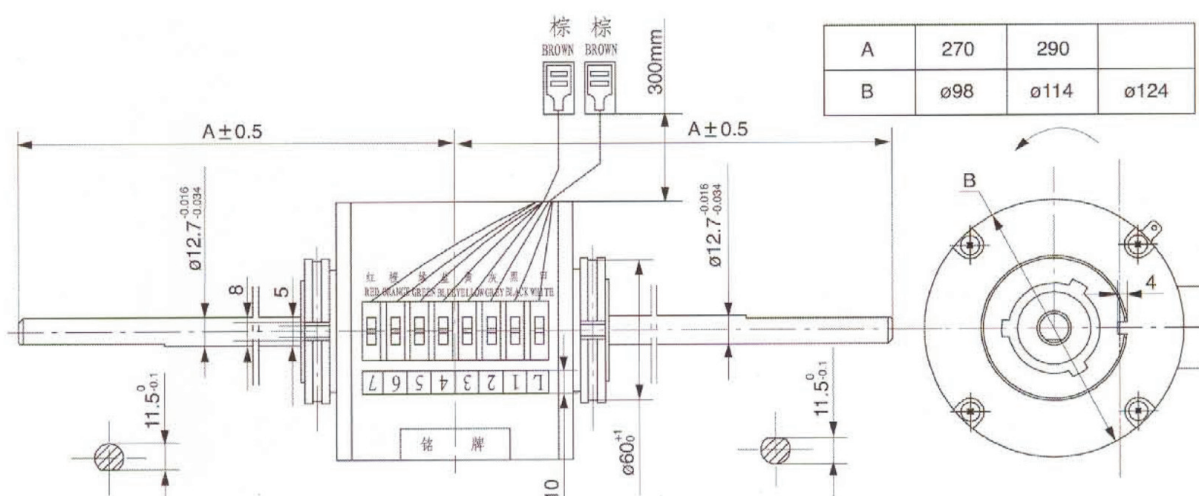
# AC MOTOR

### Introduction

This motor is used in fan coil unit air supply systems. Compared with conventional fan coil motors, it offers 5 to 7 speed settings to meet customers' multi-step speed control requirements.



### Outline Dimensions



### Technical Parameters

Type	Voltage/ Frequency	Output	Current	Speed
Unit	V/ Hz	W	A	r/min
RE030001	220V/50Hz/60Hz	40	0.47	1050
RE030002	220V/50Hz/60Hz	64	0.5	1260
RE040002	220V/50Hz/60Hz	90	0.68	1300
RE050001	220V/50Hz/60Hz	110	1.6	980
RE050002	220V/50Hz/60Hz	250	1.8	1250
RE050003	220V/50Hz/60Hz	340	2.5	1370

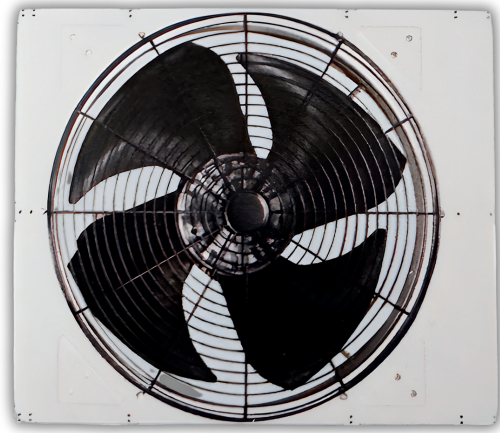
# RVM

## THE SPIRAL FAN COOLED CHILLER UNITS FOR FAN SYSTEM

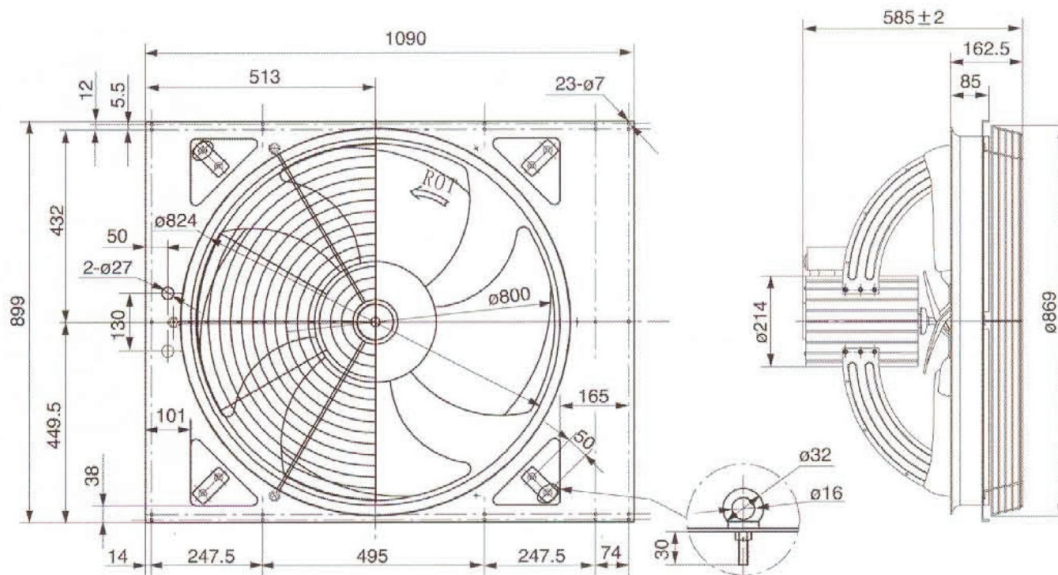
# AC MOTOR

### Introduction

The fan system have high air-volume, high static pressure, low noise, Voltage can be 308V~450V, single/two speed motor.



### Outline Dimensions



### Technical Parameters

Type	Voltage/ Frequency	Output	Current	Speed	Airflow
Unit	V/Ph/ Hz	W	A	r/min	m <sup>3</sup> /h
RDK1200-6A	380/3/50	1200	4.0	940	18000
RDK1050-8A	380/3/60	1050	3.2	860	17000
RDK750-8A	380/3/50	750	2.5	710	16000
RDK1500-6D	380/3/50	1500	4.0	910	20000
RDK2000-6A	380/3/50	2000	6.5	940	22000

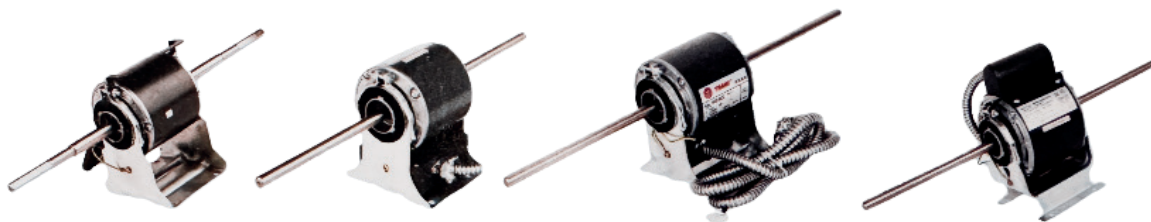
# RVM

# DC MOTOR

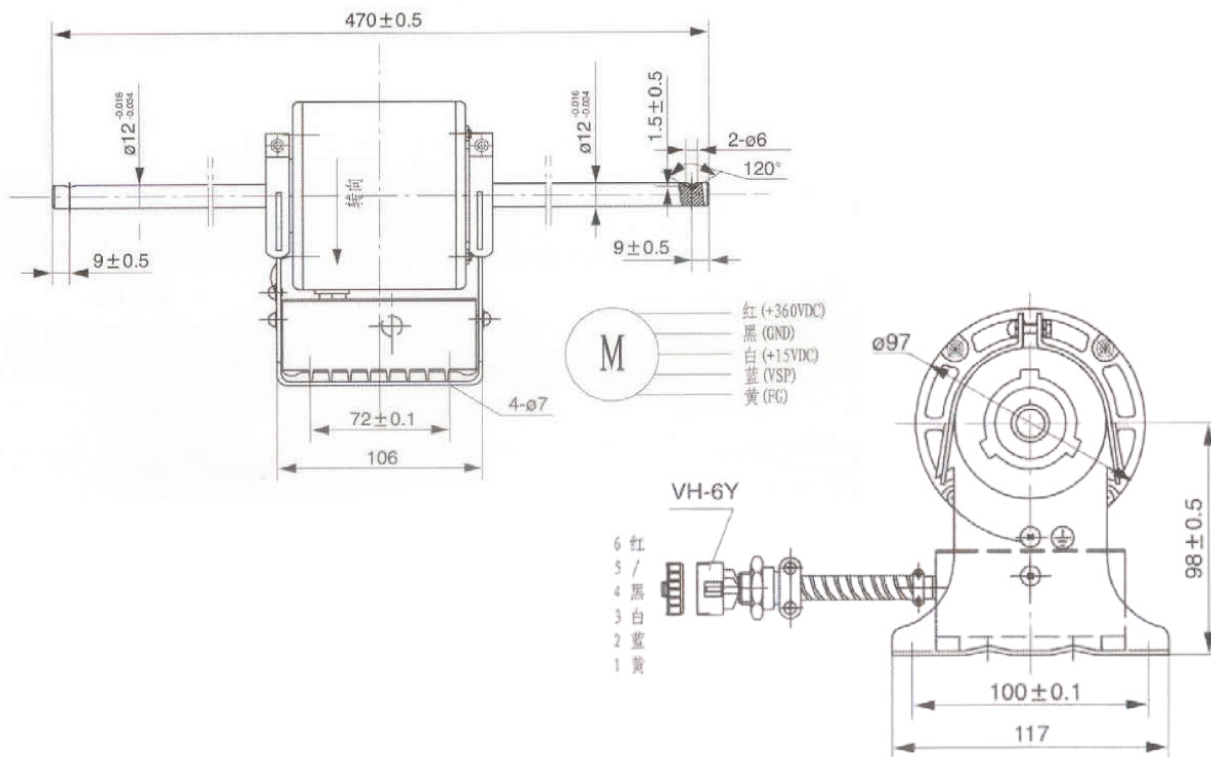
## THE BRUSHLESS DC & EC MOTOR FOR FAN COIL UNITS

### Introduction

- 1.Voltage can be 310~360V, output power 25~ 120W, the motor power apply to all fan coil units series and all static press .
- 2.Low-noise and high-quality ball bearing imported.
- 3.The motors have high efficiency, energy saving, stepless speed regulating.
- 4.The shafts treated with hardening and tempering, and plated ni-coating, and motor housing plated plastic.
- 5.Optimum application for varieties of fan coil pipes in order to make consumer's products to be leaders in the same trade.
- 6.There are two series of motors for consumers to choose: be provided with inner driving device and without inner driving device.



### Outline Dimensions





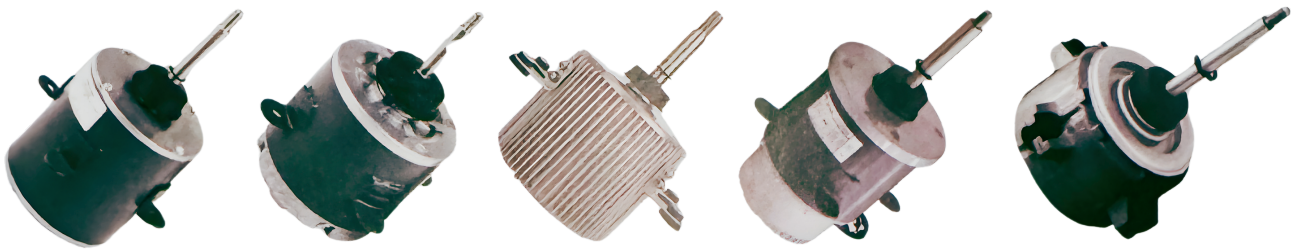
# RVM

# DC MOTOR

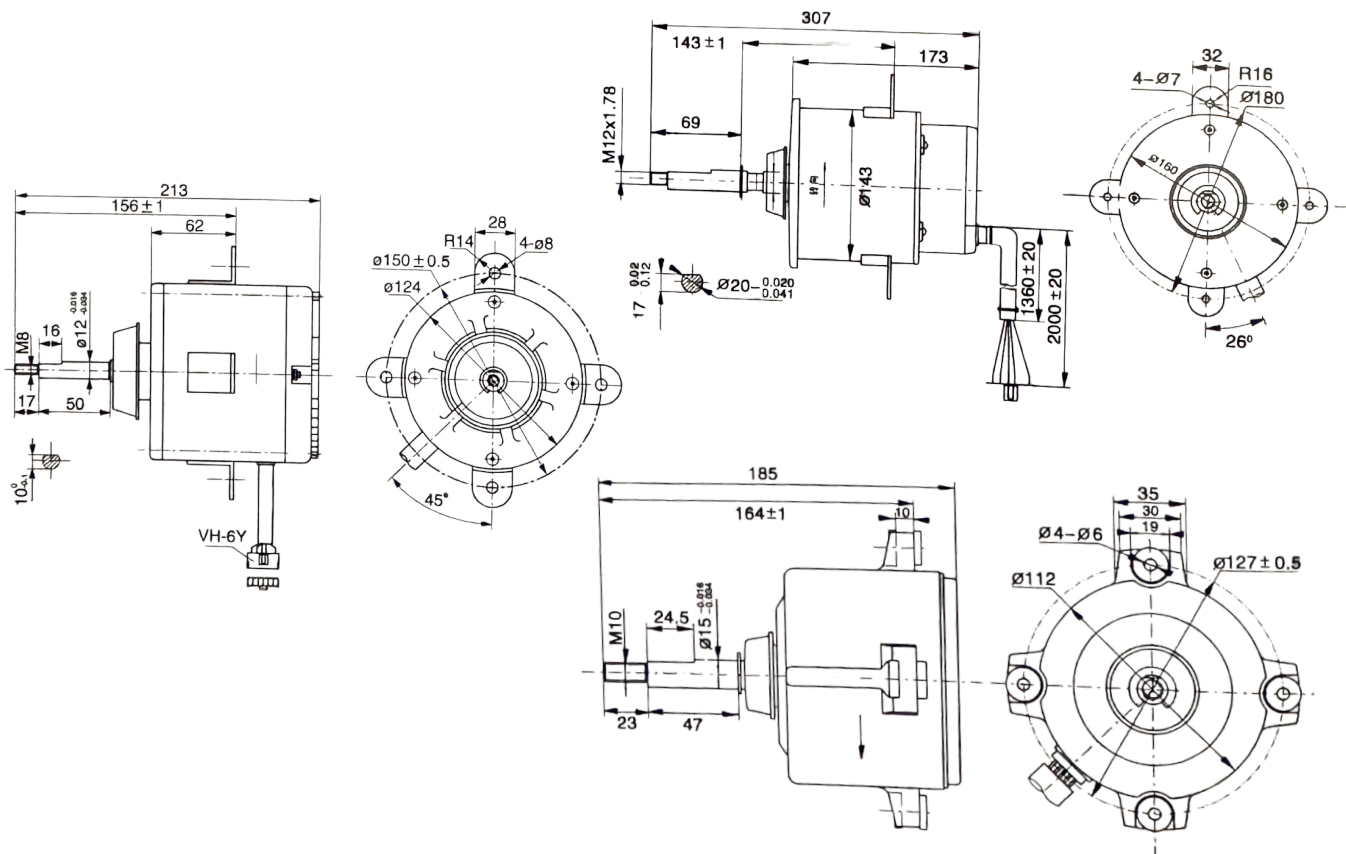
## THE BRUSHLESS DC MOTOR FOR VRF VARIABLE FREQUENCY MULTIPLE ON-LINE

### Introduction

This series of DC brushless motors is an optimized solution for inverter VRF outdoor units and is available in multiple mounting configurations. The motor features a well-designed structure, high efficiency, low temperature rise, low vibration, and low noise operation, and supports stepless speed control. It is constructed with aluminum alloy end covers, a steel housing, and imported high-quality low-noise bearings, with a compact installation footprint. The motors are available in two options: with built-in (integrated) drive or without drive, to meet different customer requirements.

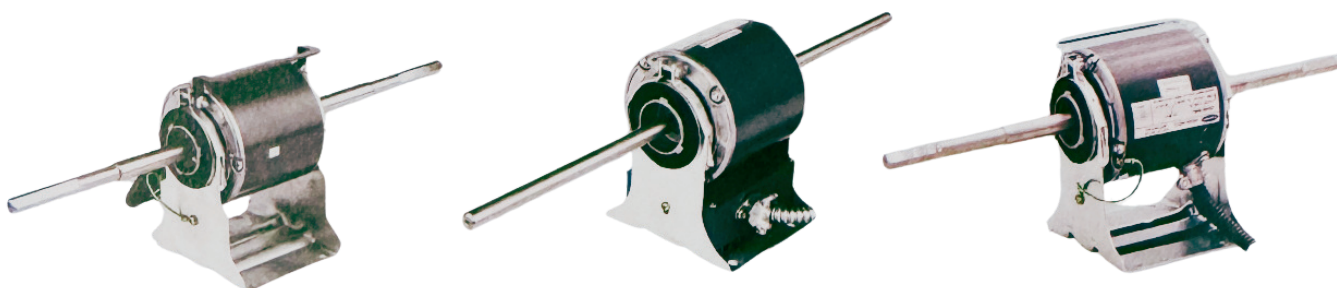


### Outline Dimensions

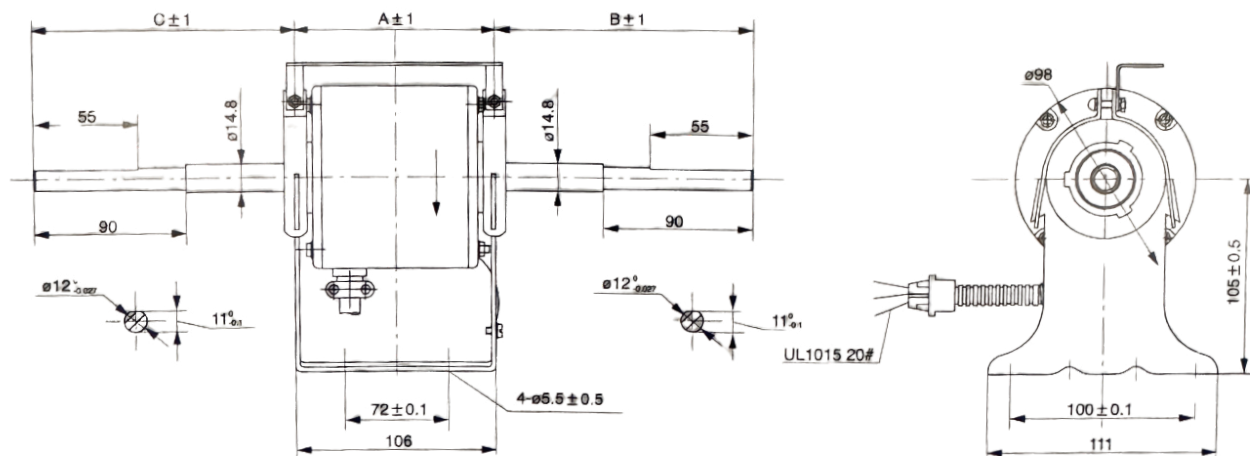


## Technical Parameters

Type	Voltage/ Frequency	Current	Speed	Output	Input	Insulation
Unit	Vdc	A	r/min	W	W	Class
RVDK120-8A6	310~360	0.65	300~1050	120	160	B/F
RVDK200-8A6	310~360	1	300~950	200	260	B/F
RVDK250-8A6	310~360	1.3	300~1050	250	320	B/F
RDK375-8 3	10~360	2	300~1200	375	470	B/F

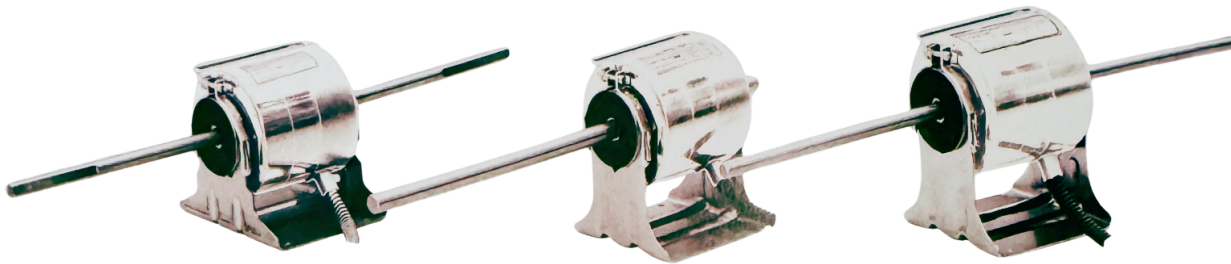


## Outline Dimensions



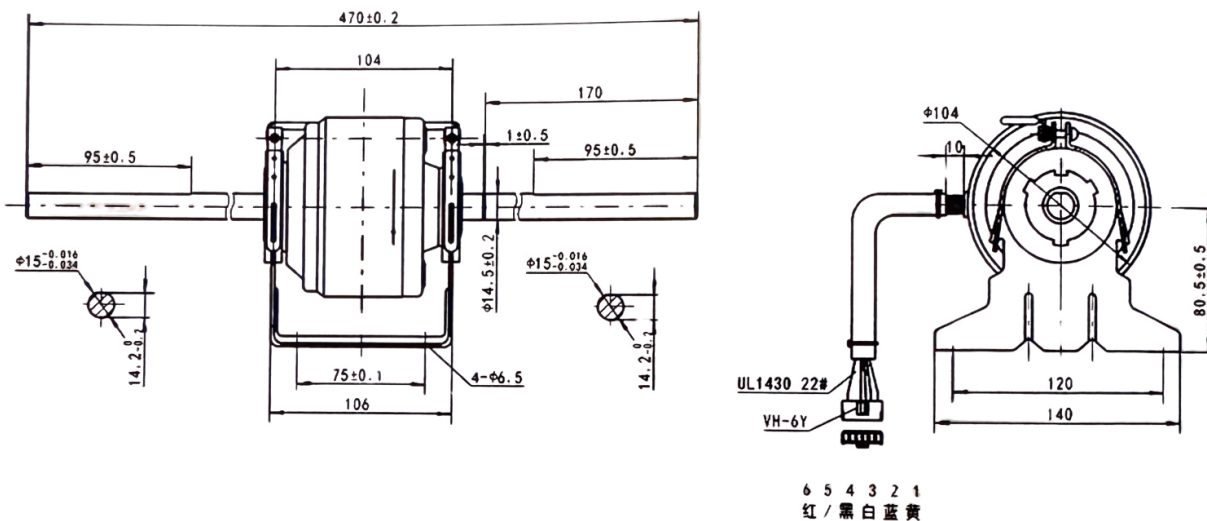
## Technical Parameters

Type	Voltage/ Frequency	Current	Speed	Output	Input	A	B	C
Unit	Vdc	A	r/min	W	W	mm	mm	mm
RVSK45-8B3	310~360	0.3	300~1500	45	62	104	141	125
RVDK75-8A3	310~360	0.4	300~1200	75	100			



PLASTIC PACKAGED MOTOR

## Outline Dimensions



## Technical Parameters

Type	Voltage	Current	Speed	Output	Input	Insulation
Unit	Vdc	A	r/min	W	W	Class
RVSK30-8Ae	310	0.26	1280	30	40	B
RVSK60-8Ae	310	0.56	1280	60	80	B

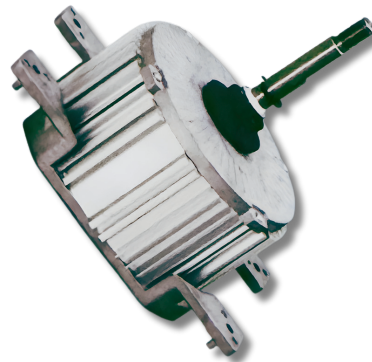
# RVM

## THE DC FAN MOTOR FOR MULTIPLE UNITS

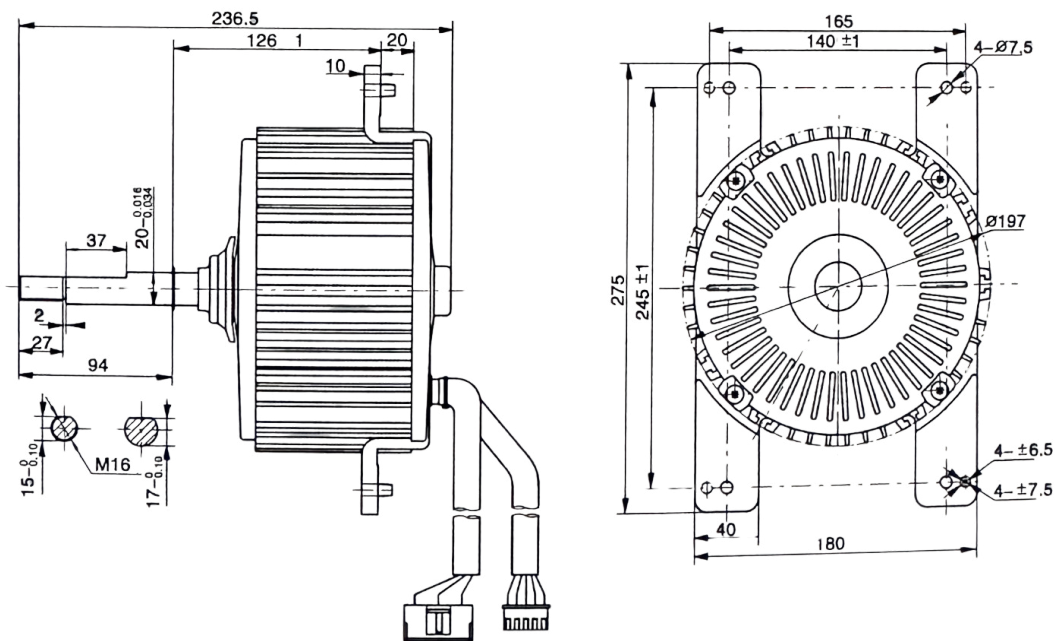
# DC MOTOR

### Introduction

This series of motors is designed for outdoor fan applications of various multi-split air-conditioning units. It features high-efficiency DC operation, low noise, and stepless speed control. Both sensor and sensorless versions are available. The motor is designed using high-performance magnetic materials, a compact internal structure with minimal material usage, and low-resistance windings. With a full aluminum alloy housing and a reliable waterproof structural design, it is an excellent drive motor solution for fans used in air-conditioning and refrigeration equipment.



### Outline Dimensions



### Technical Parameters

Type	Voltage	Back Electromotive	Resistor	Output	Pole No.	Insulation
Unit	Vdc	V/KRPM	$\Omega$	W		Class
RDK750-8BLm-01	3- $\Phi$ 180VAC	102	2.75	750	8	B
RDK550-8BLm-01	or	102	3.75	550		
RDK450-8BLm-01	310VDC	8	3.55	450		

# RVM

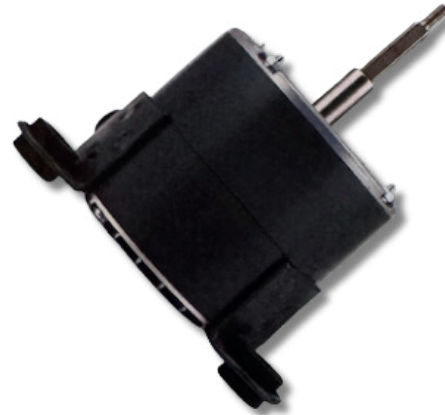
# DC MOTOR

## DC BRUSHLESS MOTOR FOR CEILING-MOUNTED AIR CONDITIONERS

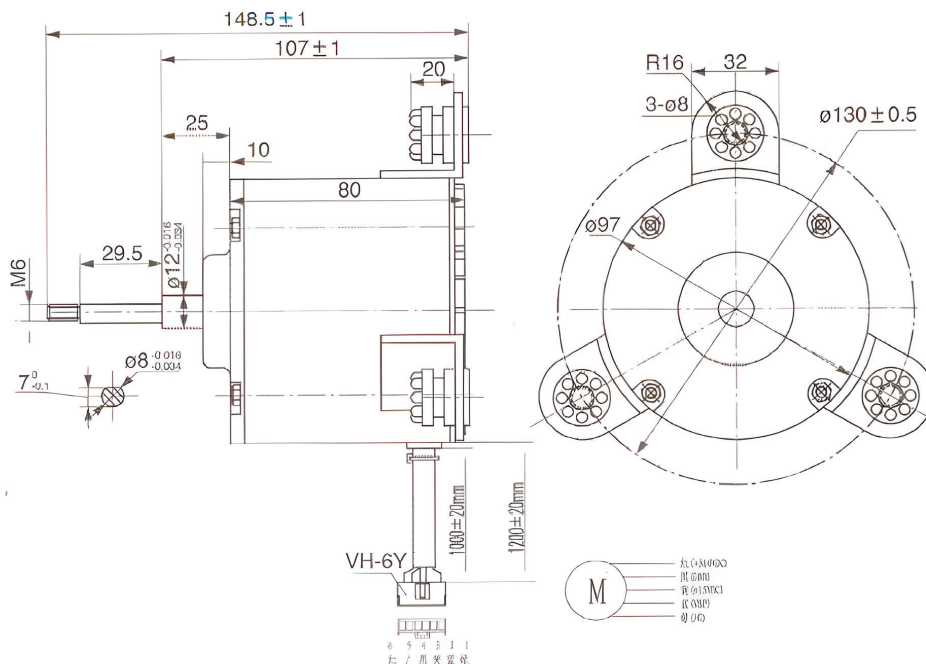
### Introduction

This series of DC brushless motors is an optimized product developed with reference to leading branded air-conditioning systems. It offers multiple installation options. The motor features a well-designed structure, high efficiency, low temperature rise, stepless speed regulation, low vibration, and low noise. It adopts aluminum alloy end covers, a steel sheet housing, and imported high-quality low-noise bearings, enabling minimal installation requirements.

Two series are available for customer selection: motors with built-in drives and motors without built-in drives.



### Outline Dimensions



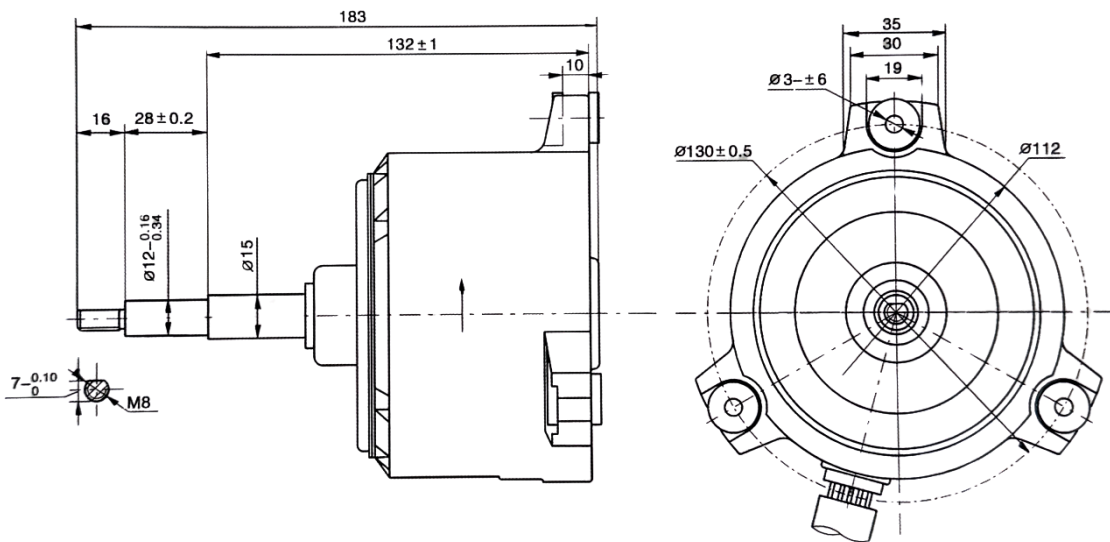
### Technical Parameters

Type	Voltage	Current	Speed	Output	Input	Insulation
Unit	Vdc	A	r/min	W	W	Class
RVDK50-8A6	310-360	0.3	300~1500	50	65	B/F
RVDK75-8A3	310-360	0.4	300~1200	75	100	B/F
RVDK120-8A3	310~360	0.55	300~1200	120	150	B/F



PLASTIC PACKAGED MOTOR

## Outline Dimensions



## Technical Parameters

Type	Voltage	Current	Speed	Output	Input	Insulation
Unit	Vdc	A	r/min	W	W	Class
RVDK60-8KM4	310	0.56	800	60	85	B
RVDK120-8KM4	310	1.0	750	120	160	B

# RVM

## BRUSHED DC MOTOR FAN FOR REFRIGERATED VEHICLES

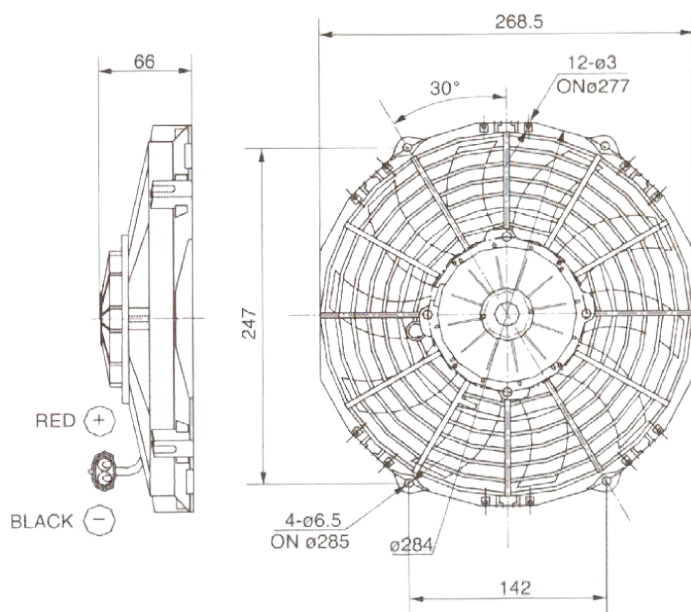
# DC MOTOR

### Introduction

The condenser fans and evaporator fans professionally manufactured by our company are supporting products specifically designed for refrigerated trucks. They are produced using advanced manufacturing equipment and process technologies, together with comprehensive testing facilities. The products feature low vibration, low noise, high reliability, a high protection rating, and a service life exceeding 12,000 hours. Multiple installation configurations and size options are available.



### Outline Dimensions



### Technical Parameters

Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction
RLF 1207B-10D-02	12DC	≤9.8	50	1290	IP65	Draw
RLF 2407B-10D-01	24DC	≤4.3	50	1200	IP65	Draw
RLF 2407B-10B-01	24DC	≤4.3	50	1200	IP65	Blow
RLF 1207B-10D-01	12DC	≤7.7	50	1293	IP65	Draw
RLF 1207B-10B-01	12DC	≤7.2	50	1284	IP65	Blow

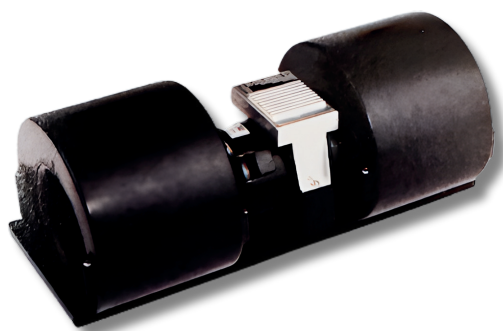
# RVM

# DC MOTOR

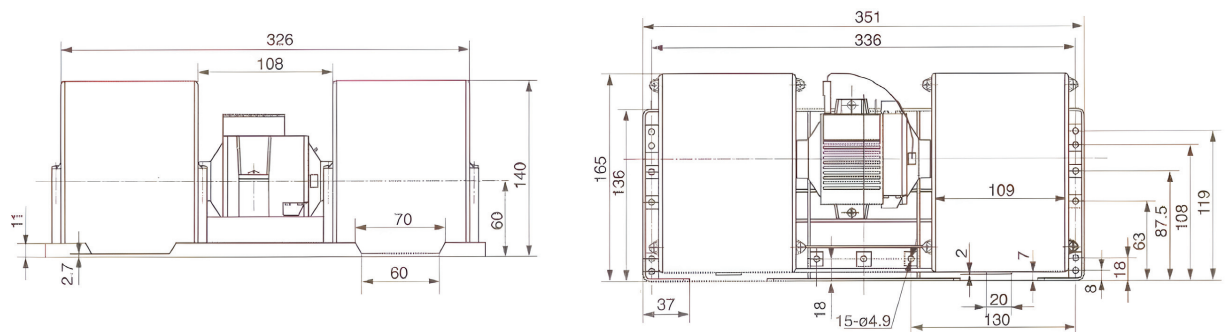
## BRUSHED DC FAN MOTOR FOR BUS AIR-CONDITIONING SYSTEMS

### Introduction

The condenser fans and evaporator fans professionally manufactured by our company are supporting products specifically designed for bus and coach air-conditioning systems. They are manufactured using advanced production equipment and process technologies, together with comprehensive testing facilities. The products feature low vibration, low noise, high reliability, a high protection rating, and a service life exceeding 12,000 hours. Multiple installation configurations and size options are available.



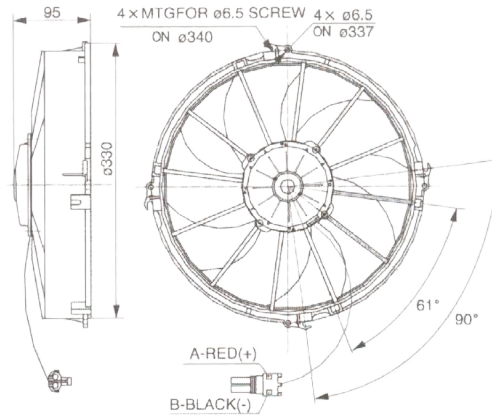
### Outline Dimensions



### Technical Parameters

Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction
REF 2405A-25A-01	24DC	≤ 10.5	100	1050	IP44	Blow
REF 2405B-25A-01	24DC	≤10.5	100	1050	IP44	Blow
REF 2405A-25A-02	24DC	≤10.5	100	1050	IP44	Blow
REF 2405B-25A-02	24DC	≤10.5	100	1050	IP44	Blow
REF 1205B-25A-01	12DC	≤18.0	100	1050	IP44	Blow
REF 1204B-25A-01	12DC	≤12.0	100	850	IP44	Blow
REF2405F-25A-01	24DC	≤10.0	100	1020	IP44	Blow
REF32305F-25C-01	3-Φ 220VAC	≤1.4	100	1020	IP54	Blow
REF2404A-20A-02	24DC	≤6.0	75	680	IP44	Blow

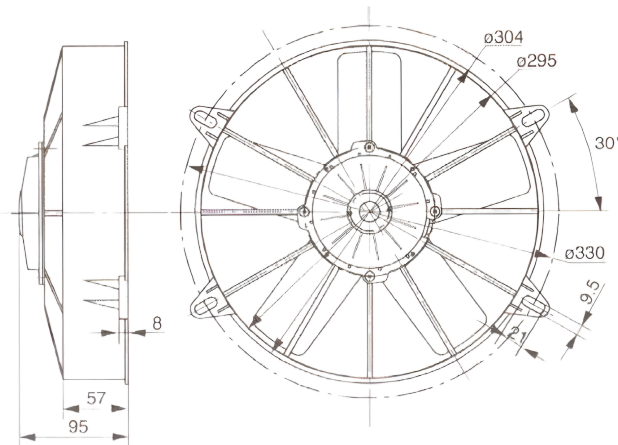
## Outline Dimensions



## Technical Parameters

Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction
RLF 2412A-12B-02 (Single grille)	24DC	≤7.1	100	2100	IP55	Blow
RLF 2415A-12B-01 (Double grille)	24DC	≤9	100	2550	IP55	Blow
RLF 1212A-12B-01	12DC	≤18	100	2500	IP55	Blow
RLF 2412A-12B-01	24DC	≤8.5	100	2040	IP55	Blow
RLF 32212A-12B-01	12DC	≤0.8	100	2040	IP55	Blow

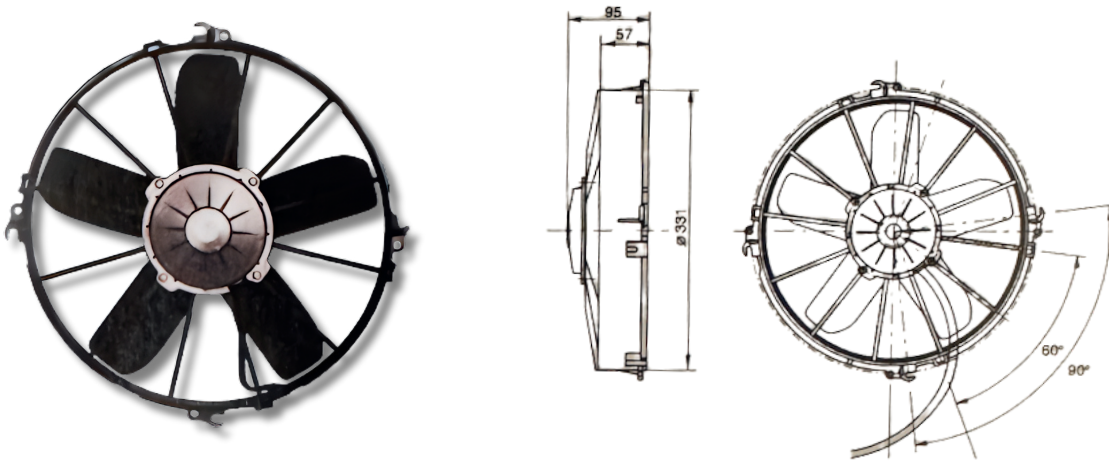
## Outline Dimensions



## Technical Parameters

Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction
RLF 2412B-11B-01	24DC	≤6.5	100	2050	IP65	Blow

## Outline Dimensions



## Technical Parameters

Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction
RLF-2410B-12D-02	24DC	≤7.5	100	2040	IP65	Draw

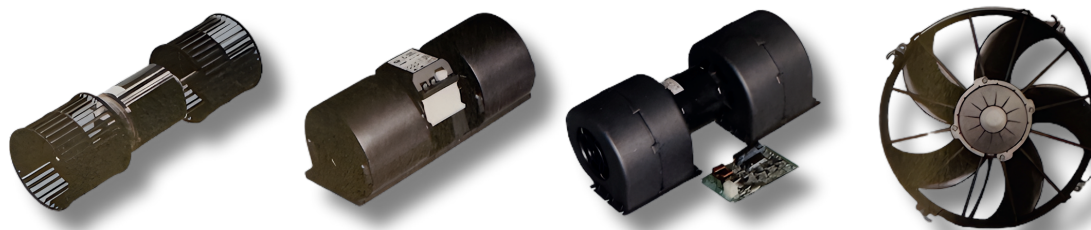
# RVM

# DC MOTOR

## BRUSHLESS DC FAN MOTOR FOR BUS AIR CONDITIONING SYSTEMS

### Introduction

The condenser fans and evaporator fans professionally manufactured by our company are supporting products specifically designed for bus and coach air-conditioning systems. They are manufactured using advanced production equipment and process technologies, together with comprehensive testing facilities. The products feature low vibration, low noise, high reliability, a high protection rating, and a service life exceeding 12,000 hours. Multiple installation configurations and size options are available.



### Outline Dimensions

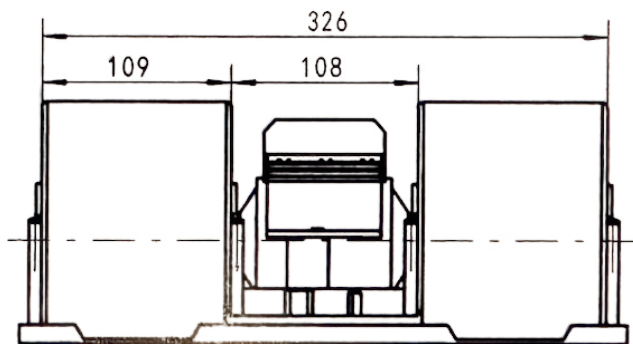
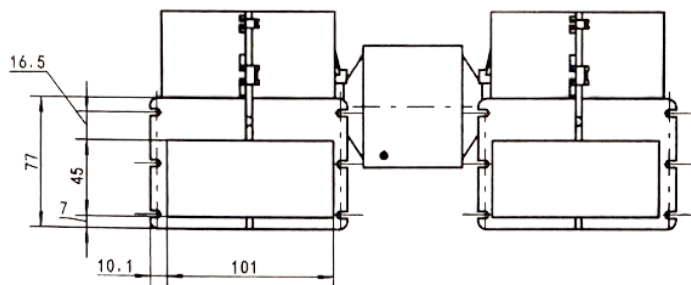
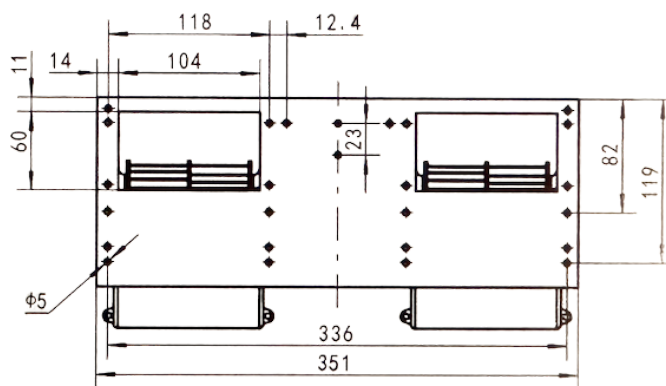
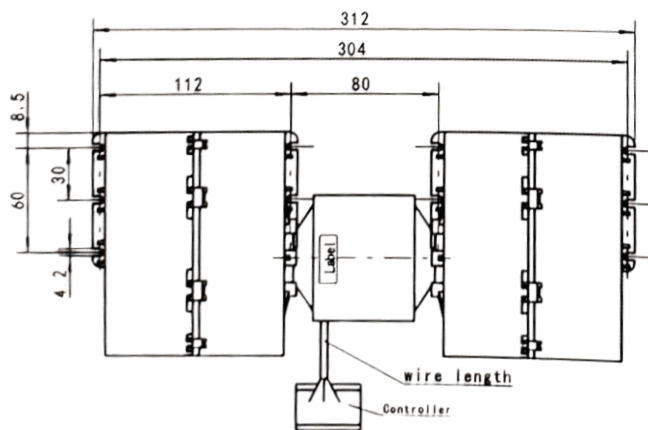
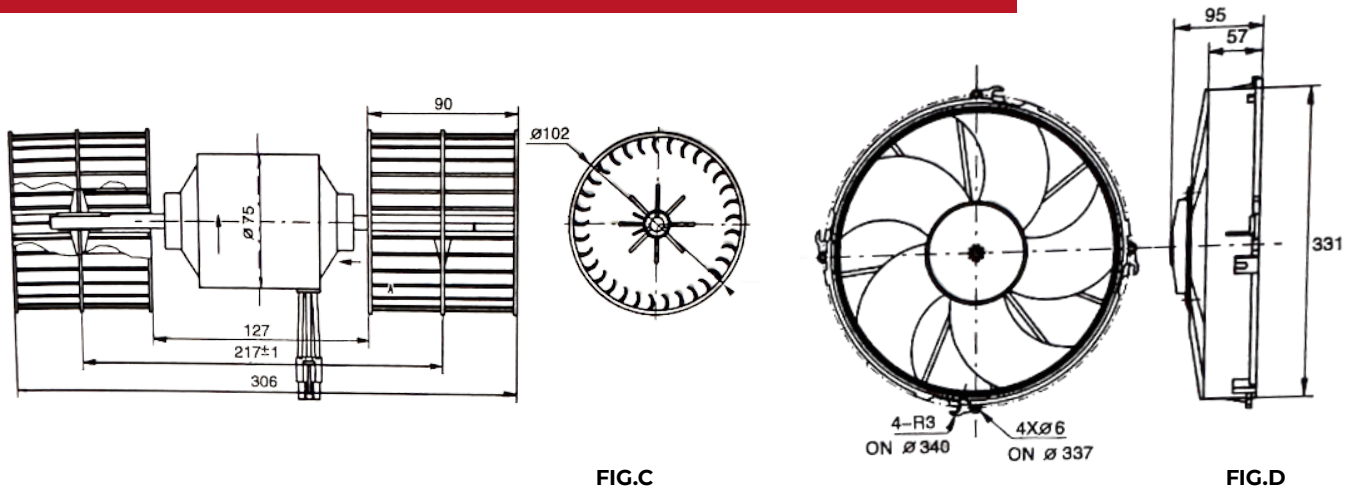


FIG.A

FIG.B

## Outline Dimensions



## Technical Parameters

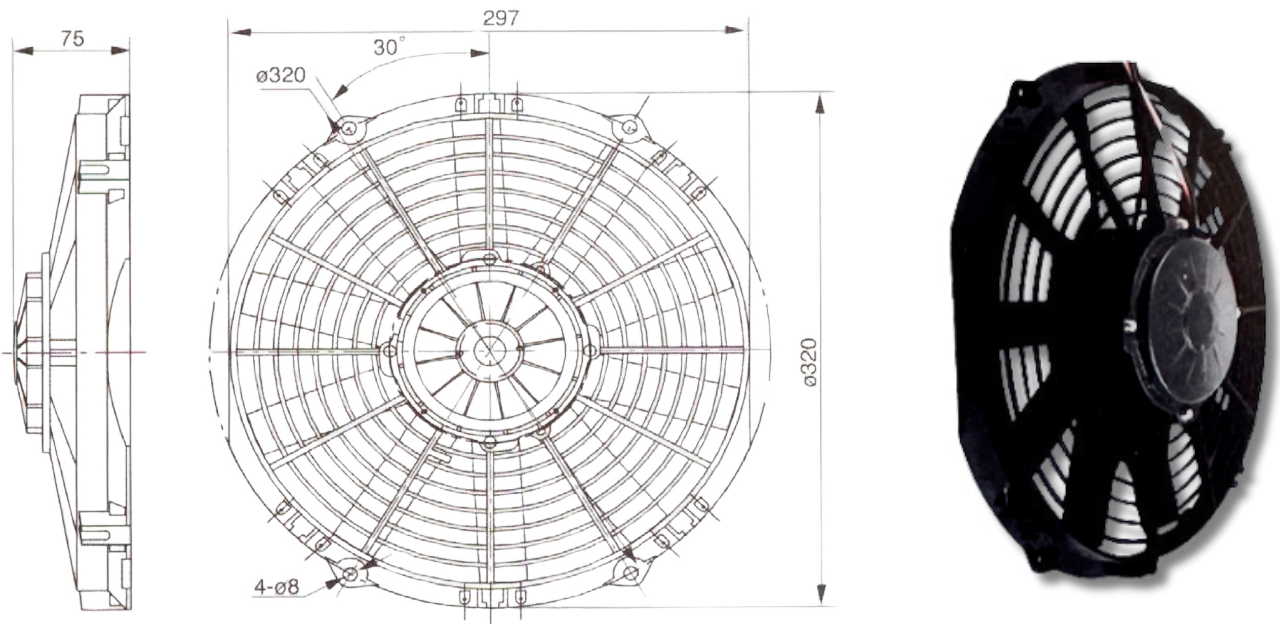
Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow	
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction	Figure
REF2403A-20A-BD-01	24DC	≤6.0	75	680	IP54	Blow	FIG. A
REF2405B-25A-BD(31)-001	24~27DC	≤10.5	100	1020	IP54	Blow	FIG. B
RLF12030-25E-BD-01	12~13.5DC	≤5.3	75	612	IP54	Blow	FIG. C
RLF2414A-12E-BD(0)-001	24~27DC	≤8.5	100	2040	IP54	Blow	FIG. D



## Technical Parameters

Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction
RLF 1206B-09D-01	12DC	≤6.7	50	1000	IP65	Draw
RLF 1206B-09B-01	12DC	≤6.5	50	943	IP65	Blow
RLF 2406B-09D-01	24DC	≤3.6	50	1035	IP65	Draw
RLF 2406B-09B-01	24DC	≤3.6	50	973	IP65	Blow

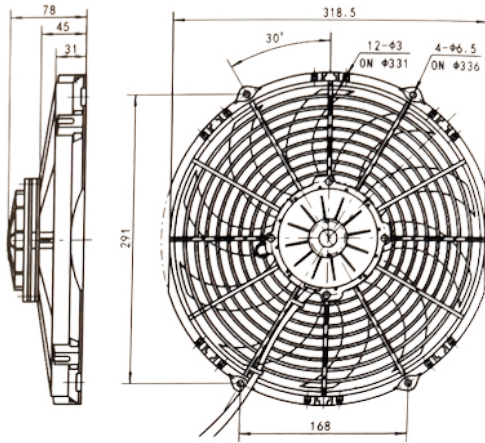
## Outline Dimensions



## Technical Parameters

Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction
RLF 2409B-11D-01	24DC	≤5	100	1530	IP65	Draw
RLF 1209B-11D-01	12DC	≤12	50	1445	IP65	Draw
RLF 2409B-11B-01	24DC	≤5	100	1530	IP65	Draw
RLF 2412B-11B-01	24DC	≤7	100	1530	IP65	Draw

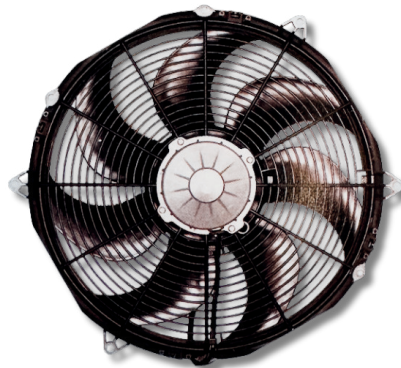
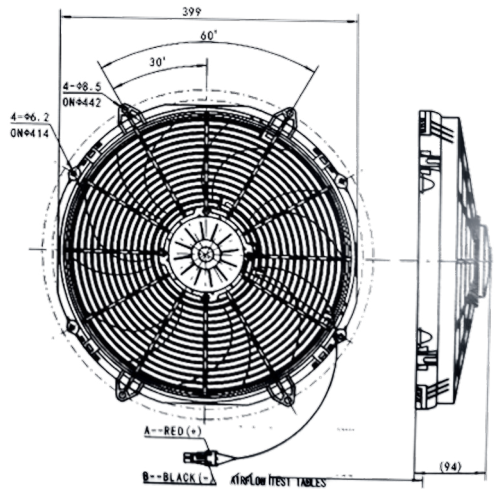
## Outline Dimensions



## Technical Parameters

Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction
RLF 1210A-12B-01	12DC	≤13.5	100	1615	IP65	Blow
RLF 2410A-12B-01	24DC	≤5.8	100	1670	IP65	Blow

## Outline Dimensions



## Technical Parameters

Type	Voltage	Current	Static Pressure	Airflow	Protection	Airflow
Unit	Vdc	A	Pa	m <sup>3</sup> /h	Grade	Direction
RLF 2418A-15B-001	24DC	≤16	100	3060	IP65	Blow

# RVM

## BRUSHED DC MOTOR FAN FOR REFRIGERATED VEHICLES

# DC MOTOR

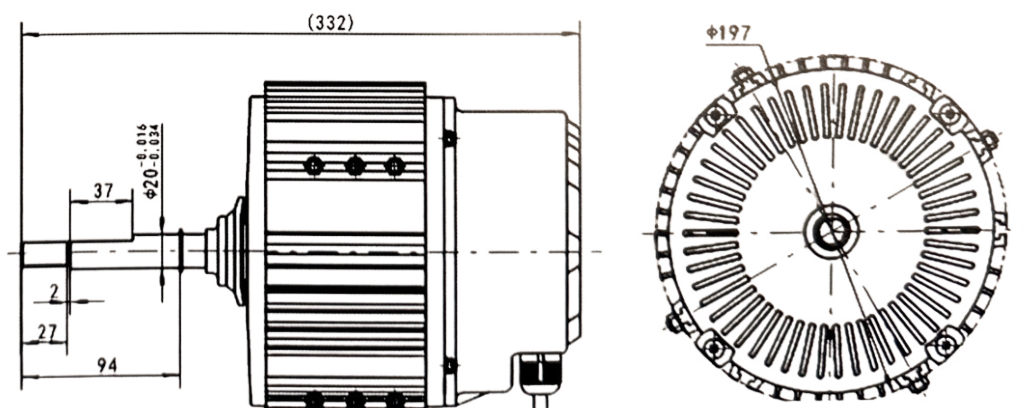
### Introduction

This series of motors adopts high-performance rare-earth magnetic materials, delivering high efficiency and high torque. It utilizes advanced permanent magnet (PM) technology with FOC full sinusoidal operating current, providing exceptional overload capability and power-limited operating performance. The motor incorporates comprehensive internal protection functions, including over-temperature, over-current, over-voltage, speed limiting, and reverse airflow protection.

The power supply uses a three-phase, three-wire system, and control is achieved via communication mode, allowing flexible online and networked control. Featuring a robust waterproof structural design with a protection rating of up to IP65, as well as a temperature-resistant structure and full aluminum alloy housing, the motor offers compact size and extremely high efficiency, reaching up to 93%. Installation is simple, and the operating interface is RS485, with compatibility for other control modes.



### Outline Dimensions



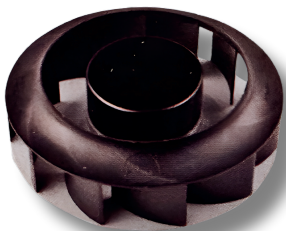
### Technical Parameters

Type	Power Supply	Speed	Output	Current	Insulation	Temperature Rise
Unit		r/min	W	A	Class	K
RDK1100-10BLDC-01	3-Φ 380~460V 50/60Hz	0~1160	1100	2.2	F	≤50
RDK1500-10BLDC-01			1500	3.0		
RDK2200-10BLDC-01			2200	4.2		

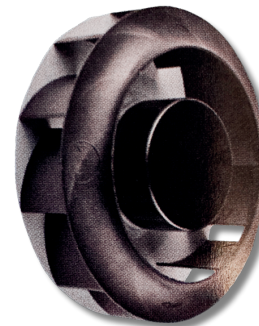
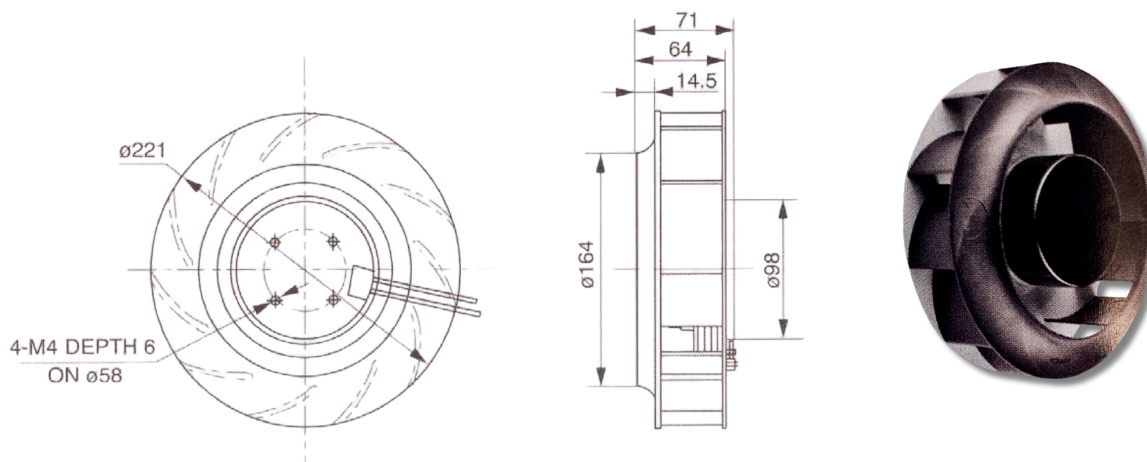
## BRUSHLESS DC EXTERNAL ROTOR FAN MOTOR FOR REFRIGERATED CONTAINERS

### Introduction

The brushless DC external rotor fan motors professionally manufactured by our company are supporting products specifically designed for refrigerated containers. They are manufactured using advanced production equipment and process technologies, together with comprehensive testing facilities. The products feature low vibration, low noise, high reliability, a high protection rating, and long service life. Multiple installation configurations and size options are available.



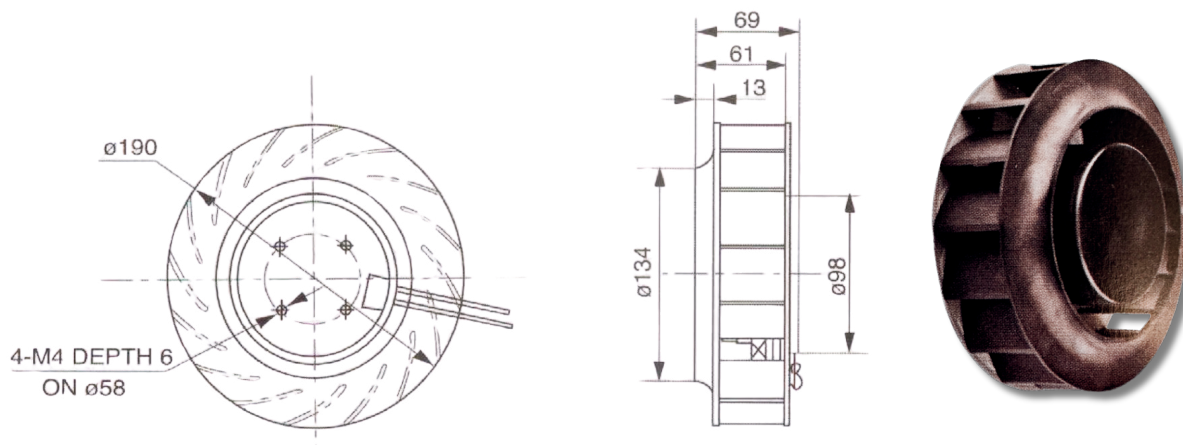
### Outline Dimensions



### Technical Parameters

Type	Voltage	Current	Speed	Airflow	Protection
Unit	Vdc	A	r/min	m <sup>3</sup> /h	Grade
RHF 1204-09BL-01	13.5DC	≤7.0	2500	660	IP55
RHF2404-09BL-01	27.5DC	≤3.5	2500	660	IP55

## Outline Dimensions



## Technical Parameters

Type	Voltage	Current	Speed	Airflow	Protection
Unit	Vdc	A	r/min	m <sup>3</sup> /h	Grade
RHF 1203-07BL-01	13.5DC	≤6.0	2900	580	IP55
RHF 2403-07BL-01	27.5DC	≤3.0	2900	580	IP55