



An OEM & Custom Engineered Manufacturer



SINO AMPLE

Motor series Product Catalogue

T : +86-0571-83872053

E : sales@sinoample.com

W: www.sinoample.com

A : Room 805 Building 2 Of Jin Cheng Li Plaza Jincheng Road
Xiaoshan District Hangzhou Zhejiang China 311200

WWW.SINOAMPLE.COM 



TABLE OF CONTENTS

Company Profile	02
BLDC Motors	04
PSC Motors	15

COMPANY PROFILE

Sino Ample Group LTD is an enterprise with comprehensive strength in researching and developing, producing and export trading. Our main products are metal stamping parts, sheet metal parts, casting, welding assembly parts, deep drawing parts, CNC machined products, motors.

We are committed to the development and continuous improvement of our product quality. We have rich experience and extensive material technology. Our manufacturing processing include punching, stamping, bending, tapping, milling, lathe, welding, assembly, surface treatment: zinc plating, powder coating, heat treatment, nickel plating, chrome plating, electrophoresis, blackening, and more. We currently serve customers in many industrial sectors across the world in the automotive and material handling, food, HVAC, furniture, appliances, renewable energies and construction industries, and are proud to be ISO9001 Certified, assuring strict quality standards and metal part manufacturing practices.





Application

- Air Purifier
- Fresh Air System
- A/C Indoor Unit
- Mixer

Performance

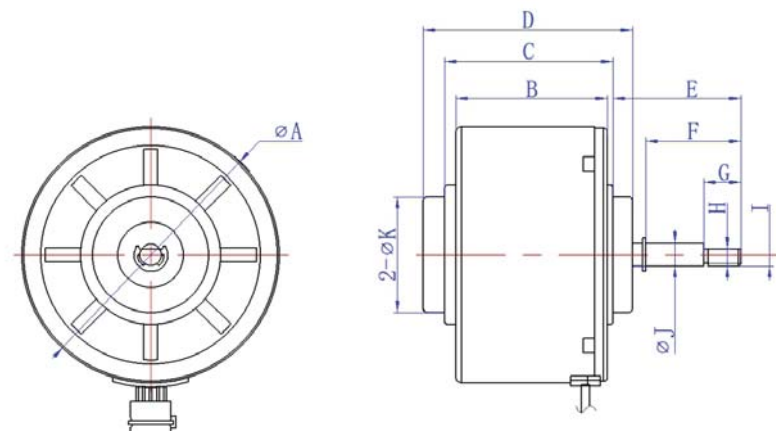
- Voltage : 12V, 24V, 36V, 48V, 75VDC, 155VDC(110VAC), 310VDC(220VAC)
- Frequency : DC, AC 50, 60Hz
- Power Range : 10~120W
- Speed Range : 200~3000RPM
- Poles : 8/10P

Features

- Resin Packed
- Sine-wave Driving
- Driver Circuit Built In/Out (as option)
- Vsp/PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Bearing Anti-Corrosion design
- Class B Insulation
- IP20/IP44 Protection Level
- CCC , CE Recognized



The Outline and Dimensions



No.	A	B	C	D	E	F	G	H	I	J	K
I	92	39	43-66	53-76	25-88	13-76	10-50	6-7	M6/8	8	40-45
II	92	54	58-81	68-91	25-88	13-76	10-50	6-7	M6/8	8	40-45
III	92	59	63-85	73-95	25-88	13-76	10-50	6-7	M6/8	8	40-45

Major Technical Parameters

No.	(Model)	(V)	(A)	(RPM)	(W)
1	ZFM88-0030-08D	310DC	0.13	1000	30
2	ZFM88-0060-08D	310DC	0.25	1800	60
3	ZFM88-0100-08D	310DC	0.43	1500	100

Note: The specific dimensions can be adjusted per customer's machine assembly.



Application

- Air Purifier
- Fresh Air System
- A/C Outdoor Unit
- Gas water heater

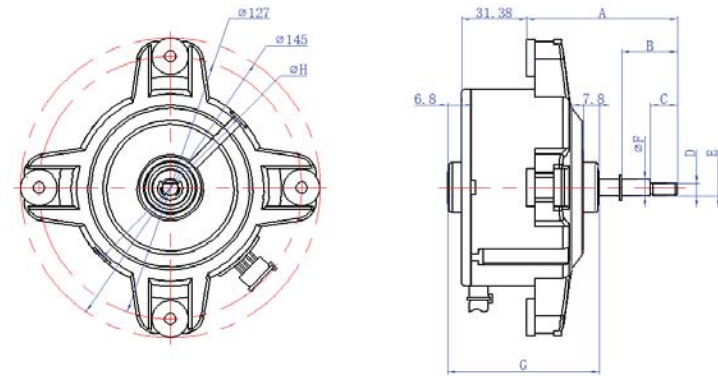
Performance

- Voltage: 12V, 24V, 36V, 48V, 75VDC, 155VDC(110VAC), 310VDC(220VAC)
- Frequency: DC, AC50、60Hz
- Power Range : 10~100W
- Speed Range: 200~3000RPM
- Poles: 8/10P

Features

- Resin Packed
- Sine-wave Driving
- Driver Circuit Built In/Out (as option)
- Vsp/PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Bearing Anti-Corrosion design
- Class B Insulation
- IP20/IP44 Protection Level
- CCC , CE Recognized

The Outline and Dimensions



No.	A	B	C	D	E	F	G	H
I	45-105	13-76	10-50	7	M6/8	8	58	95.4
II	55-120	13-76	10-50	7	M6/8	8	73	95.4

Major Technical Parameters

No.	(Model)	(V)	(A)	(RPM)	(W)
1	ZFM88-0030-08D	310DC	0.45	800	35
2	ZFM88-0030-08D	310DC	0.26	850	60
3	ZFM88-0060-08D	310DC	0.26	1300	85
4	ZFM88-0100-08D	310DC	0.35	1600	110

Note: The specific dimensions can be adjusted per customer's machine assembly.

HONESTY



Application

- Air Purifier
- Fresh Air System
- Dehumidifier

Performance

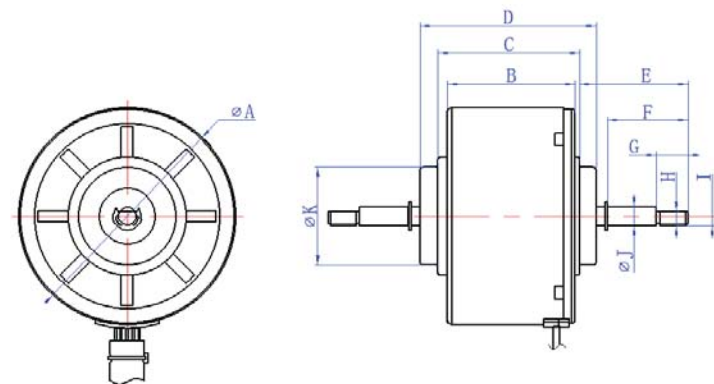
- Voltage: 12V, 24V, 36V, 48V, 75VDC, 155VDC(110VAC), 310VDC(220VAC)
- Frequency: DC, AC50、60Hz
- Power Range: 10~100W
- Speed Range: 200~3000RPM
- Poles: 8/10P

Features

- Resin Packed
- Sine-wave Driving
- Driver Circuit Built In/Out (as option)
- Vsp/PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Bearing Anti-Corrosion design
- Class B Insulation
- IP20/IP44 Protection Level
- CCC , CE Recognized



The Outline and Dimensions



No.	A	B	C	D	E	F	G	H	I	J	K
I	92	39	43-66	53-76	25-88	13-76	10-50	5-7	M5-M8	6-8	40-45
II	92	54	58-81	68-91	25-88	13-76	10-50	5-7	M5-M8	6-8	40-45
III	92	59	63-85	73-95	25-88	13-76	10-50	5-7	M5-M8	6-8	40-45

Major Technical Parameters

No.	(Model)	(V)	(A)	(RPM)	(W)
1	ZFM88-0030-08S	310DC	0.13	1000	30
2	ZFM88-0060-08S	310DC	0.25	1500	60
3	ZFM88-0100-08S	310DC	0.43	2500	100

Note: The specific dimensions can be adjusted per customer's machine assembly.



Application

- Fresh Air System
- FCU



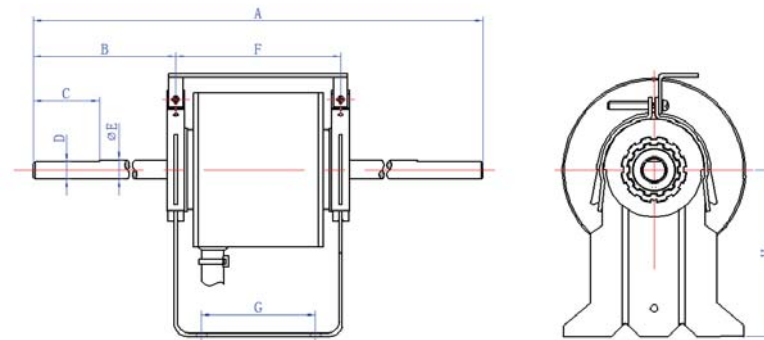
Performance

- Voltage: 12V, 24V, 36V, 48V, 75VDC, 155VDC(110VAC), 310VDC(220VAC)
- Frequency: DC, AC50、60Hz
- Power Range: 10~100W
- Speed Range: 200~3000RPM
- Poles: 8/10P

Features

- Resin Packed
- Sine-wave Driving
- Driver Circuit Built In/Out (as option)
- Vsp/PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Bearing Anti-Corrosion design
- Class B Insulation
- IP20/IP44 Protection Level
- CCC , CE Recognized

The Outline and Dimensions



No.	A	B	C	D	E	F	G	H
I	150-505	20-200	10-80	8	10	104	72/80	105/95/ 85
II	150-630	20-255	10-80	10	12	104/122	72/80	105/95/ 85

Major Technical Parameters

No.	(Model)	(V)	(A)	(RPM)	(W)
1	ZWM88-0030-08S	310DC	0.13	1300	30
2	ZWM88-0060-08S	310DC	0.25	1200	60
3	ZWM88-0080-08S	220AC	0.83	1500	80

Note: The specific dimensions can be adjusted per customer's machine assembly.

Application

- A/C Outdoor Unit
- Cassette Unit
- Fresh Air System
- FFU

Performance

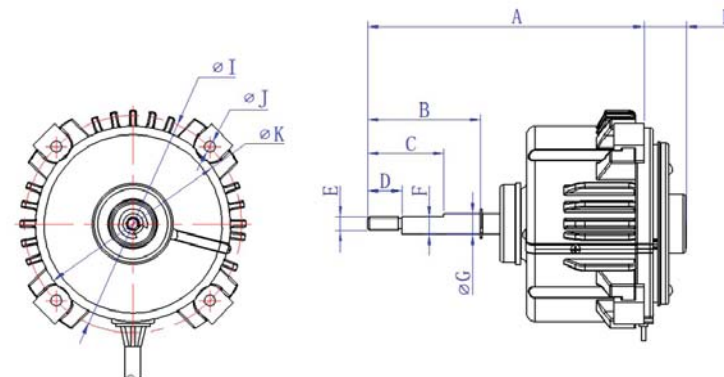
- Voltage: 12V, 24V, 36V, 48V, 75VDC, 155VDC(110VAC), 310VDC(220VAC)
- Frequency: DC, AC50、60Hz
- Power Range: 50~300W
- Speed Range: 200~3000RPM
- Poles: 8/10P

Features

- Resin Packed
- Sine-wave Driving
- Driver Circuit Built In/Out (as option)
- Vsp/PWM Programmable Speed
- Low Voltage, Over Voltage, Over Heat, Over Current Protection
- Bearing Anti-Corrosion design
- Class B Insulation
- IP20/IP44 Protection Level
- CCC , CE Recognized



The Outline and Dimensions



No.	A	B	C	D	E	F	G	H	I	J	K
I	100-200	15-100	13-75	10-50	M8-10	10	12	25	125	5.7	114
II	100-200	15-100	13-75	10-50	M8-12	13	15/14	25	125	5.7	114

Major Technical Parameters

No.	(Model)	(V)	(A)	(RPM)	(W)
1	ZFM110-0080-08D	310DC	0.33	1300	80
2	ZFM110-0120-08D	310DC	0.51	850	120
3	ZFM110-0250-08D	310DC	1.0	1200	250

Note: The specific dimensions can be adjusted per customer's machine assembly.

Application

- Central A/C Outdoor Unit
- FFU
- Biosafety equipment

Performance

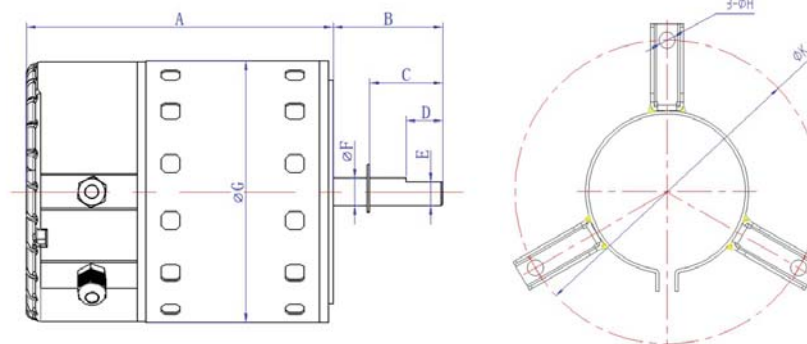
- Voltage: 155VDC, 310VDC, 110VAC, 220VAC
- Frequency: DC, AC50、60Hz
- Power Range : 180~750W
- Speed Range: 200~3000RPM
- Poles : 8/10P

Features

- Steel Packed
- Sine-wave Driving
- Driver Circuit Built In/Out (as option)
- Vsp/PWM Programmable Speed
Constant Speed/Torque/Airflow Control
- Low Voltage, Over Voltage, Over Heat,
Over Current Protection
- Class B Insulation
- IP20/IP44 Protection Level
- CCC , CE Recognized



The Outline and Dimensions



No.	A	B	C	D	E	F	G	H	K
I	150~210	18~120	15~88	10~50	10	12	143	15	280/312
II	150~210	18~120	15~88	10~50	13	15/14	143	15	280/312

Major Technical Parameters

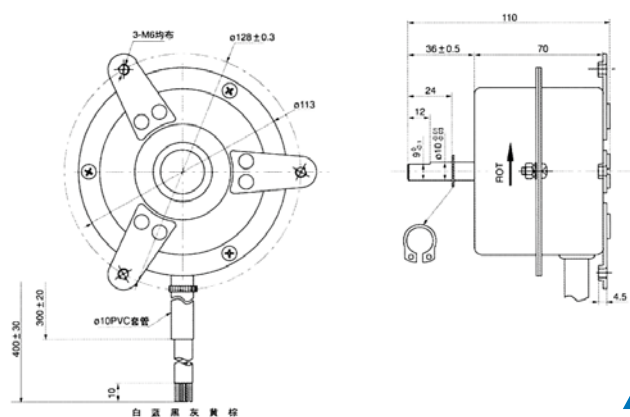
No.	(Model)	(V)	(RPM)	(W)	(%)
1	ZWM139-0250-10D	110/220VAC	800	250	84
2	ZWM139-0375-10D	110/220VAC	850	375	85
3	ZWM139-0560-10D	110/220VAC	1050	560	86
4	ZWM139-0750-10D	110/220VAC	1200	750	87

Note: The specific dimensions can be adjusted per customer's machine assembly.

Ø 88.5 PSC MOTOR FOR FAN ▼



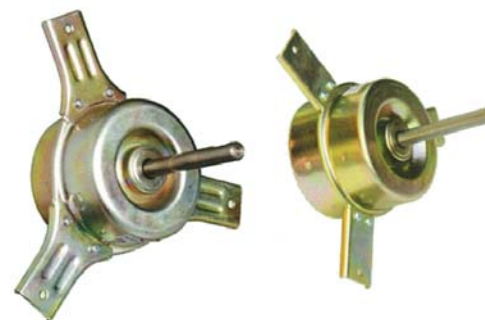
Product appearance



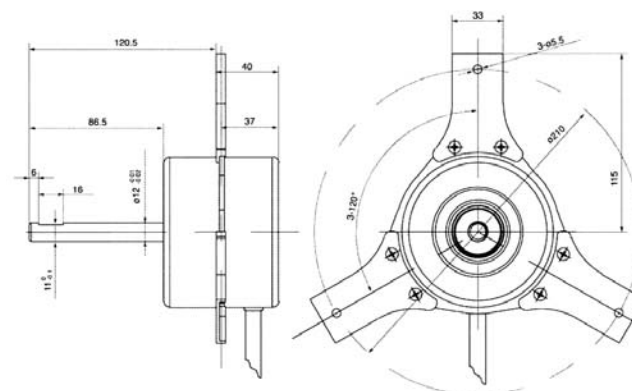
Installation size

Model	Voltage (V)	Frequency (Hz)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF88.5-25-4D	220~240	50	25	0.35	1350/3SP	3μF/450V
YYF88.5-50-4D	220~240	50	50	0.5	1350/3SP	3μF/450V
YYF88.5-25-4D	120	60	25	0.55	1450/3SP	5μF/370V
YYF88.5-50-4D	120	60	50	1.0	1450/3SP	5μF/370V

Ø 95 PSC MOTOR FOR FAN ▼



Product appearance



Installation size

Model	Voltage (V)	Frequency (Hz)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF95-70-4D	220~240	50	70	0.70	1350/3SP	4μF/450V
YYF95-75-4D	220~240	50	75	0.80	1200/3SP	6μF/450V
YYF95-90-2D	220~240	50	90	1.60	1400/3SP	6μF/450V
YYF95-90-4D	120	60	90	1.40	1400/3SP	10μF/370V

Ø 94 PSC MOTOR FOR FAN



Model	Voltage (V)	Frequency (HZ)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF80-90-4S	100	50/60	90	2.0	1250/1500	28μF/200V

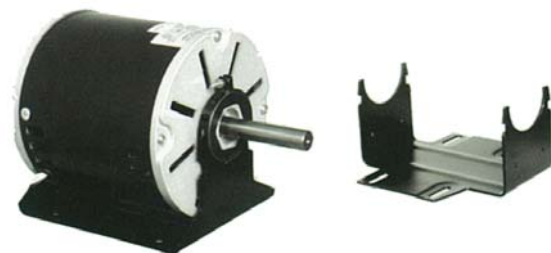


Model	Voltage (V)	Frequency (HZ)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF94-50-4D	200	50/60	50	0.35	1440	3μF/400V

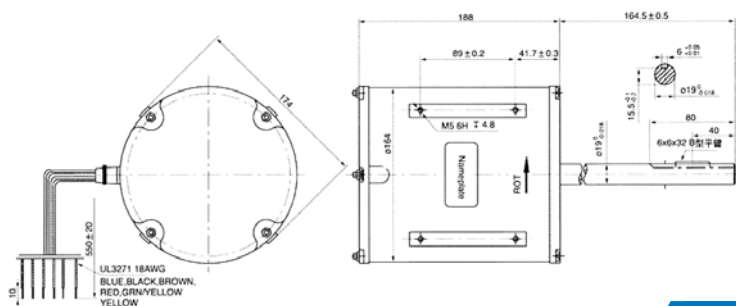
Ø 160 PSC MOTOR



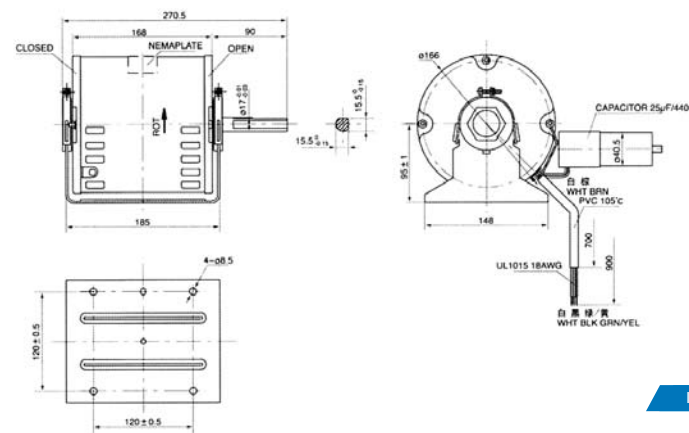
Product appearance



Product appearance



Installation size

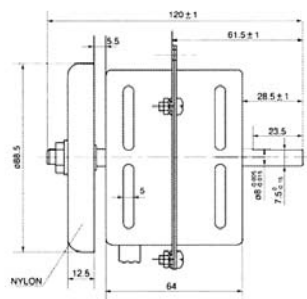


Installation size

Model	Voltage (V)	Frequency (Hz)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF160-320-6D	220~240	50	320	4.0	930/1SP	15μF/450V
YYF160-1400-4D	220~240	50	1400	9.5	1350/1SP	25μF/450V

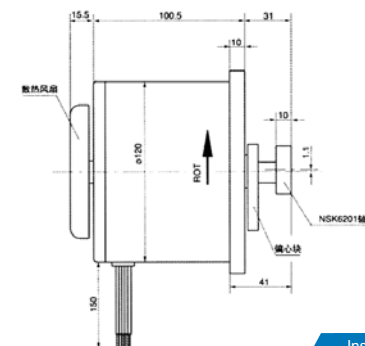
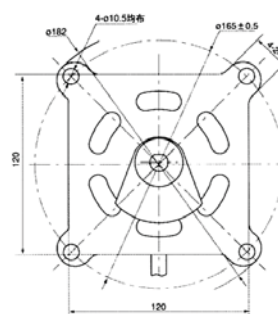
Model	Voltage (V)	Frequency (Hz)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF160-370-4D	220~240	50	370	3.0	1380/1SP	15μF/450V
YYF160-550-4D	220~240	50	550	4.0	1380/1SP	20μF/450V
YYF160-750-4D	220~240	50	750	5.0	1380/1SP	25μF/450V

Ø 100 PSC MOTOR



Installation size

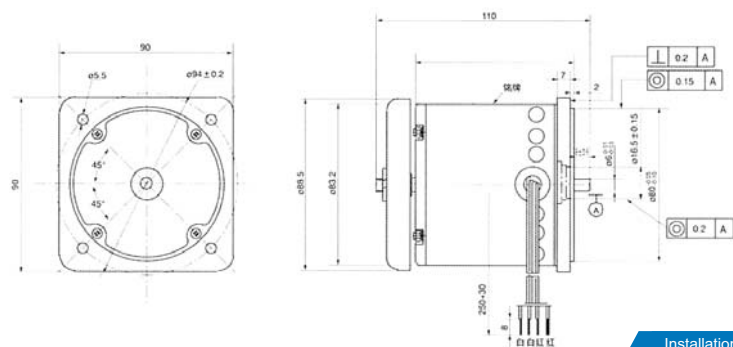
Model	Voltage (V)	Frequency (HZ)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF80-22-4S	100	50/60	22	0.5	1250	10μF/200V
YYF80-35-4S	100	50/60	35	0.7	1250	14μF/200V



Installation size

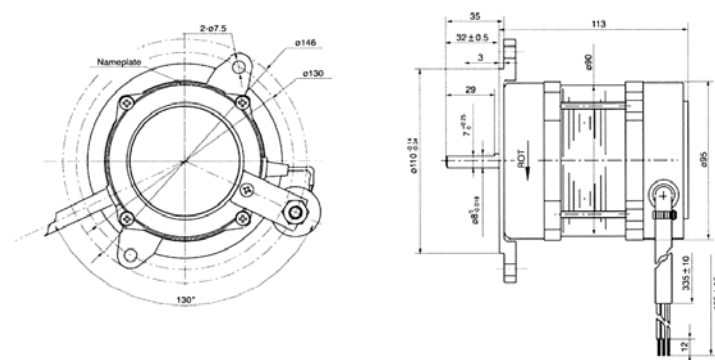
Model	Voltage (V)	Frequency (Hz)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF100-110-2D	220~240	50	110	0.9	2850/1SP	6μF/450V
YYF100-100/50-2/4S	220~240	50	100/50	0.9/0.6	2850/1400	10/6μF/450V

Ø90 PSC MOTOR FOR FAN



Installation size

Model	Voltage (V)	Frequency (HZ)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF80-10-4S	220~240	50/60	10	0.2	1400	1.5μF/450V



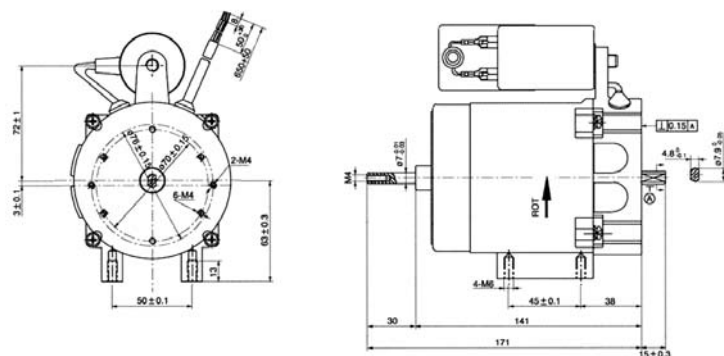
Installation size

Model	Voltage (V)	Frequency (Hz)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF90-50-2D	220~240	50	50	0.55	2800/1SP	3μF/450V
YYF90-90-2D	220~240	50	90	0.62	2800/1SP	4μF/450V
YYF90-150-2D	220~240	50	150	1.2	2800/1SP	5μF/450V
YYF90-250-2D	220~240	50	250	2.5	2800/1SP	8μF/450V

Ø90 PSC MOTOR FOR PUMP ▼



Product appearance



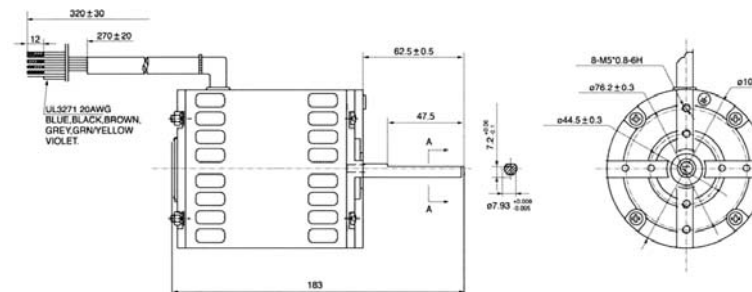
Installation size

Model	Voltage (V)	Frequency (HZ)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF90-100-2D	220~240	50	100	0.9	2800/1SP	6μF/450V
YYF90-150-2D	220~240	50	150	1.1	2800/1SP	6μF/450V
YYF90-200-2D	220~240	50	200	1.5	2800/1SP	8μF/450V
YYF90-250-2D	220~240	50	250	1.8	2800/1SP	8μF/450V
YYF90-300-2D	220~240	50	300	2.6	2800/1SP	10μF/450V

Ø96 PSC MOTOR FOR PUMP ▼



Product appearance



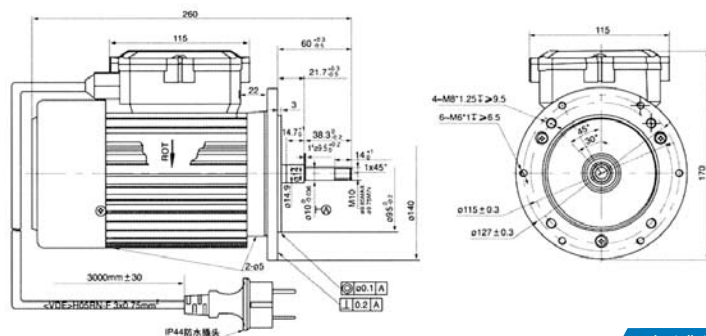
Installation size

Model	Voltage (V)	Frequency (HZ)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF96-30-2D	220~240	50	30	0.5	2850/1SP	1μF/450V
YYF96-60-2D	220~240	50	60	0.6	2850/1SP	2μF/450V
YYF96-75-2D	220~240	50	75	0.67	2850/1SP	4μF/450V

Ø124 PSC MOTOR FOR PUMP



Product appearance

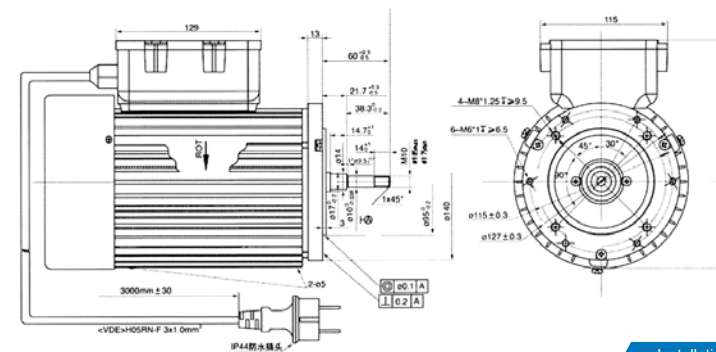


Installation size

Model	Voltage (V)	Frequency (HZ)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF96-120-2D	220~240	50	120	0.8	2800	8μF/450V
YYF96-200-2D	220~240	50	200	1.5	2800	10μF/450V
YYF96-250-2D	220~240	50	250	2.3	2800	15μF/450V
YYF96-450-2D	220~240	50	450	3.2	2800	15μF/450V
YYF96-750-2D	220~240	50	750	4.2	2800	25μF/450V



Product appearance



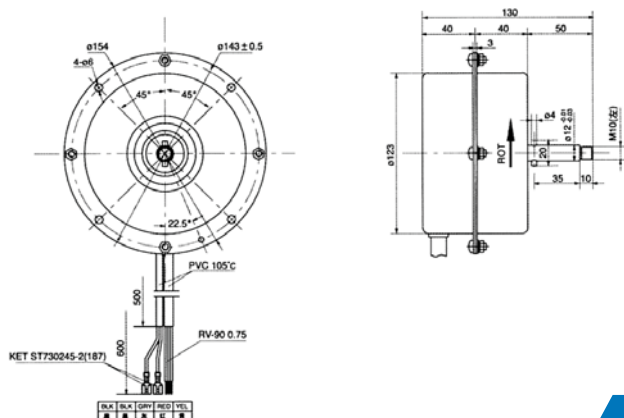
Installation size

Model	Voltage (V)	Frequency (Hz)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF124-1100-2D	220~240	50	1100	8.0	2800/1SP	30μF/450V
YYF124-1500-2D	220~240	50	1500	10.0	2800/1SP	40μF/450V

Ø139 PSC MOTOR FOR FAN



Product appearance

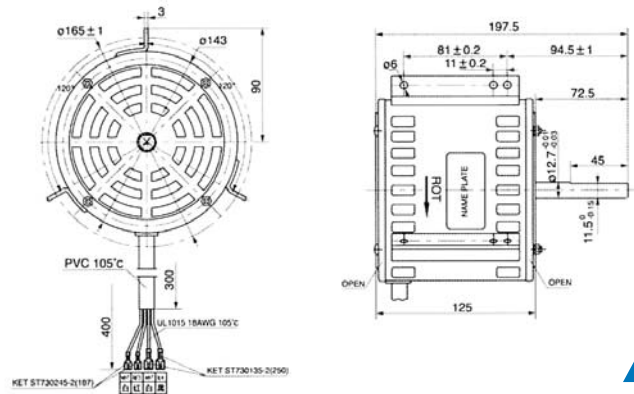


Installation size

Model	Voltage (V)	Frequency (Hz)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF120-75-4D	220-240	50	75	0.80	900/2SP	4μF/450V
YYF120-120-4D	220-240	50	120	1.20	1100/2SP	6μF/450V



Product appearance



Installation size

Model	Voltage (V)	Frequency (Hz)	Nominal output power (W)	Current (A)	Rated speed (RPM)	Cappacitor
YYF139-250-6D	220~240	50	250	2.0	900/3SP	10μF/450V
YYF139-370-6D	220~240	50	370	3.0	900/3SP	10μF/450V
YYF139-250-4D	220~240	50	250	2.8	1350/1SP	5μF/450V
YYF139-370-4D	220~240	50	370	3.2	1200/4SP	10μF/450V
YYF139-370-4D	220~240	60	370	3.2	1400/1SP	15μF/450V
YYF139-550-4D	220~240	50	550	4.5	1200/4SP	15μF/450V