

# B AC Motors

2 Pole Motor 90W(□90mm)

## 90W 2 Pole Motor 90W(□90mm)

### Motor Specification

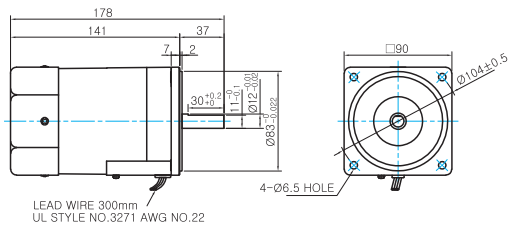
Model		Output W	Voltage V	Frequency Hz	Poles	Duty	Starting Torque		Rated Load			Capacitor μF / VAC	
9IDD□-90F-A(T): D-Cut Type Shaft 9IDK□-90F-A(T): Key Type Shaft	Lead Wire Type						Terminal Box Type	kgfcm	N.m	Speed r/min	Current A		Torque kgfcm N.m
9IDDA-90F-A	9IDDA-90F-AT	90	1φ110	60	2	Cont.	2.60	0.260	3200	1.80	2.80	0.280	20.0 / 250
9IDDD-90F-A	9IDDD-90F-AT	90	1φ220	60	2	Cont.	2.60	0.260	3200	1.00	2.80	0.280	6.0 / 450
9IDDE-90F-A	9IDDE-90F-AT	90	1φ220	50	2	Cont.	3.00	0.300	2600	0.89	3.40	0.340	6.0 / 450
			1φ240				3.60	0.360		1.00	3.80	0.380	
9IDDG-90F-A	9IDDG-90F-AT	90	3φ220	50	2	Cont.	10.00	1.000	2750	0.80	3.20	0.320	-
				60			8.00	0.800	3300	0.56	2.80	0.280	
9IDDK-90F-A	9IDDK-90F-AT	90	3φ380	50	2	Cont.	10.00	1.000	2750	0.43	3.20	0.320	-
				60			8.00	0.800	3300	0.34	2.70	0.270	
			3φ400	50	2	Cont.	11.00	1.100	2750	0.50	3.40	0.340	
				60			9.00	0.900	3300	0.36	3.00	0.300	
			3φ415	50	2	Cont.	12.00	1.200	2800	0.57	3.60	0.360	
				60			10.00	1.000	3350	0.38	3.30	0.330	
			3φ440	50	2	Cont.	14.00	1.400	2800	0.67	3.80	0.380	
				60			12.00	1.200	3350	0.40	3.20	0.320	

- 1) Enter the phase & voltage code in the box (□) within the motor model name.
- 2) All models contain a built-in thermal protector.

### Dimensions

#### LEAD WIRE TYPE

- MOTOR MODEL: 9IDD□-90F-A (GENERAL FAN)

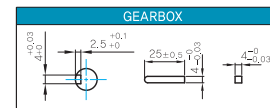


LEAD WIRE 300mm  
UL STYLE NO.3271 AWG NO.22

#### MOTOR OUTPUT SHAFT

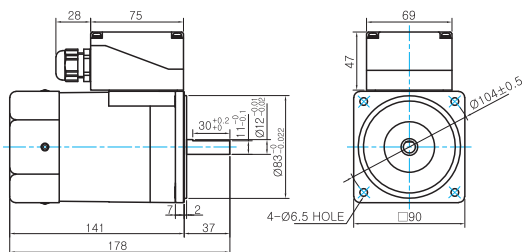
MODEL	SPEC
D-CUT TYPE	
9IDD□-90F-A	
KEY TYPE	
9IDK□-90F-A	

#### KEY SPEC



#### TERMINAL BOX TYPE

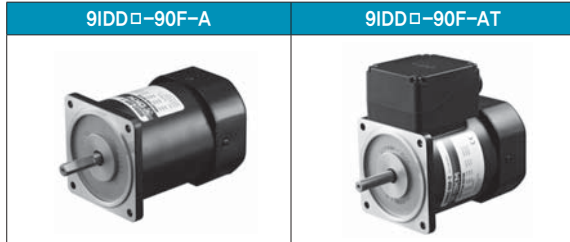
- MOTOR MODEL: 9IDDD□-90F-AT (GENERAL FAN)



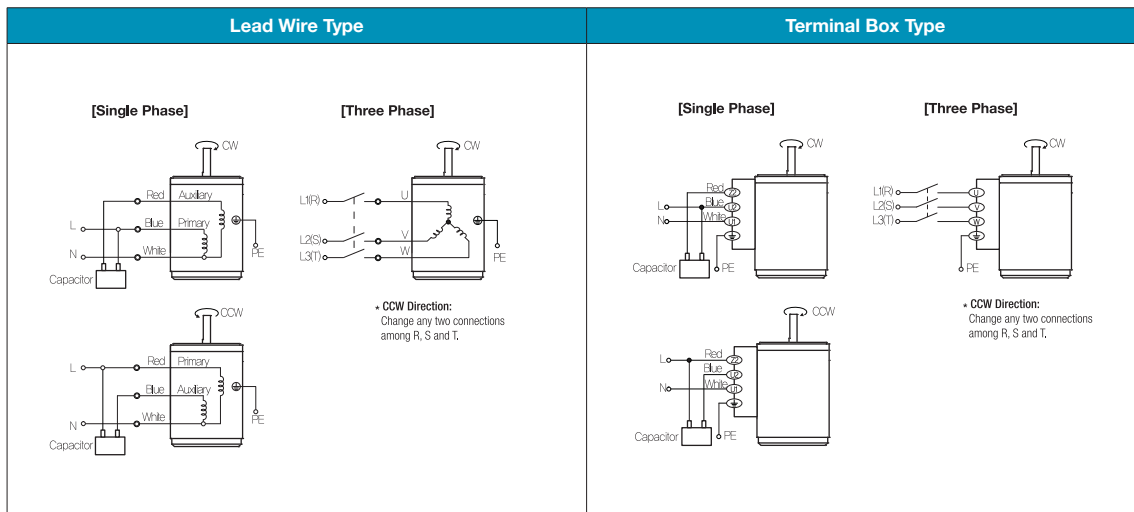
#### WEIGHT

PART	WEIGHT(Kg)
MOTOR	2.6

## Motor Images



## Connection Diagrams



- 1) The direction of motor rotation is as viewed from the shaft end of the motor.
- 2) CW represents the clockwise direction, while CCW represents the counterclockwise direction.
- 3) Change the direction of single phase motor rotation only after bringing the motor to a stop. If an attempt is made to change the direction of rotation while the motor is rotating, the motor may ignore the reversing command or change its direction after some delay.