B AC Motors

◎ Dimensions

◯ MOTOR ONLY

● MOTOR MODEL:
9IDD□-90F(-T) (GENERAL FAN)
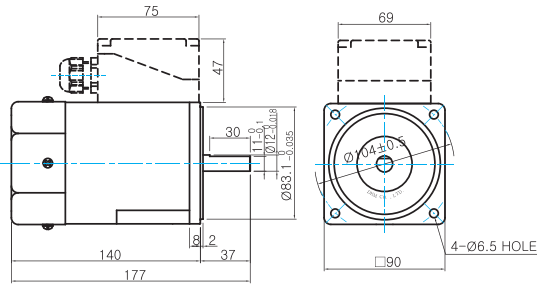
● MOTOR OUTPUT SHAFT

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

● KEY SPEC
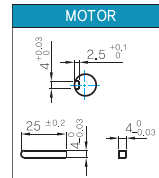
MOTOR

◯ INTER-DECIMAL GEARHEAD

● MODEL:
9XD10M□

4-Ø6.5 HOLE
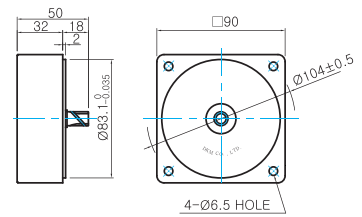
GEARED MOTOR

◯ P TYPE GEARHEAD

● MOTOR MODEL:
9IDG□-90FP (GENERAL FAN)

LEAD WIRE 300mm
UL STYLE NO.3271 AWG NO.22
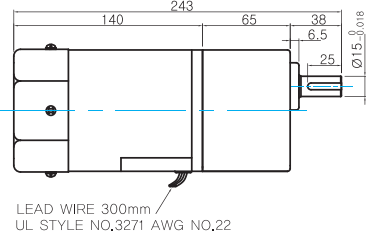
● GEARHEAD MODEL:
9PBK□BH

● GEARHEAD MODEL:
9PFK□BH

4-Ø8.5HOLE
4-Ø6.5HOLE
4-Ø6.5HOLE
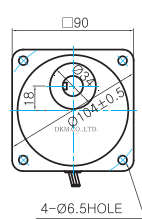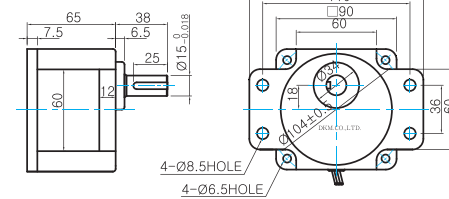
● GEARHEAD OUTPUT SHAFT

MODEL	SPEC
KEY TYPE	
9PBK□BH	
9PFK□BH	

● KEY SPEC
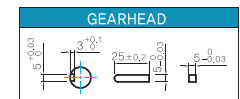
GEARHEAD

◯ H TYPE GEARHEAD

● MOTOR MODEL:
9IDG□-90FH (GENERAL FAN)

LEAD WIRE 300mm
UL STYLE NO.3271 AWG NO.22
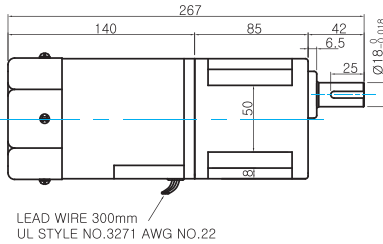
● GEARHEAD MODEL:
9HBK□BH

● GEARHEAD MODEL:
9HFK□BH

4-Ø8HOLE
4-Ø8.5HOLE
4-Ø6.5HOLE
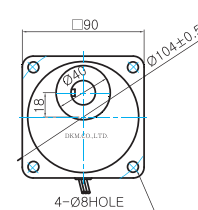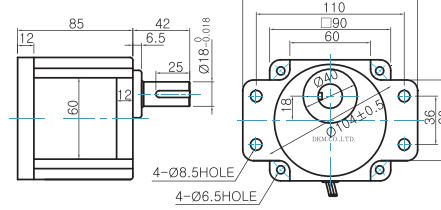
● GEARHEAD OUTPUT SHAFT

MODEL	SPEC
KEY TYPE	
9HBK□BH	
9HFK□BH	

● KEY SPEC
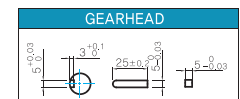
GEARHEAD

◯ W TYPE GEARHEAD

● MOTOR MODEL:
9IDG□-90FW (GENERAL FAN)

LEAD WIRE 300mm
UL STYLE NO.3271 AWG NO.22
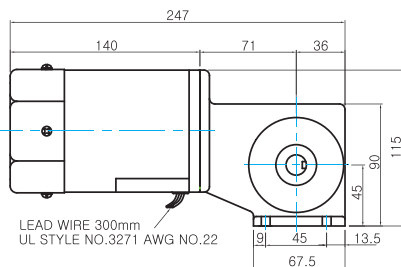
● GEARHEAD MODEL:
9WD□BL/BR/BRL

4-Ø6.5 HOLE
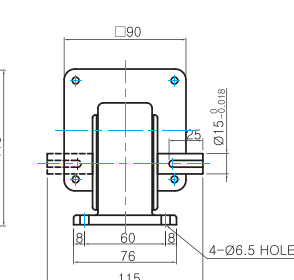
● KEY SPEC
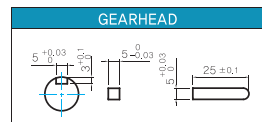
GEARHEAD

◎ WH TYPE GEARHEAD

● MOTOR MODEL:
9IDG□-90FWH (GENERAL FAN)

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

14-Ø6.5 U-SLOTS

4-M6×1.0 DP10
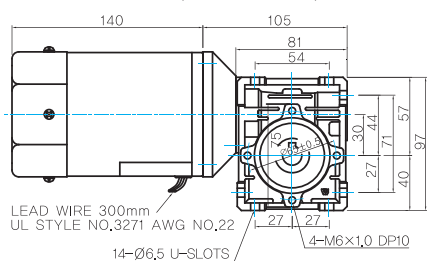
● GEARHEAD MODEL:
9WHD□

INPUT

OUTPUT
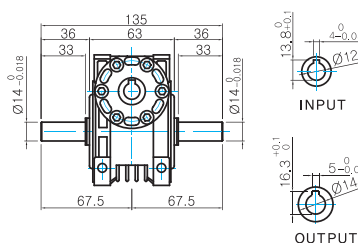
● SHAFT(Unidirectional, Bi-directional)
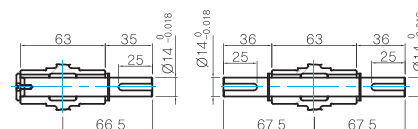
◎ WEIGHT

PART		WEIGHT(Kg)
MOTOR		3.0
GEAR HEAD	9PB(F)K2BH ~ 9PB(F)K18BH	1.3
	9PB(F)K20BH ~ 9PB(F)K180BH	1.4
	9HB(F)K3BH ~ 9HB(F)K9BH	1.45
	9HB(F)K12.5BH ~ 9HB(F)K18BH	1.5
	9HB(F)K20BH ~ 9HB(F)K60BH	1.7
	9HB(F)K75BH ~ 9HB(F)K180BH	1.8
	9WD□BL/BR/BRL	1.0
	9WHD□	1.13
	9XD10M□	0.5

∗ The output flange and shafts are sold separately.

● FLANGE

● KEY SPEC

GEARHEAD
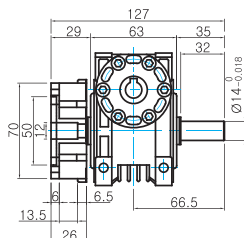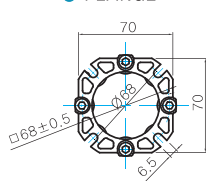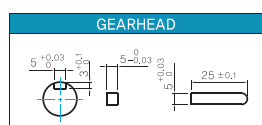
◎ Motor Images

9IDD□-90F	9IDD□-90F-T	9IDG□-90FP+9PBK□BH	9IDG□-90FP+9PFK□BH

9IDG□-90FH+9HBK□BH	9IDG□-90FH+9HFK□BH	9IDG□-90FW+9WD□BL	9IDG□-90FWH+9WHD□

B AC Motors

◎ Connection Diagrams

Lead Wire Type	Terminal Box Type

[Single Phase]

[Three Phase]

* **CCW Direction:**
  Change any two connections between R, S and T.

[Single Phase]

[Three Phase]

* **CCW Direction:**
  Change any two connections between R, S and T.
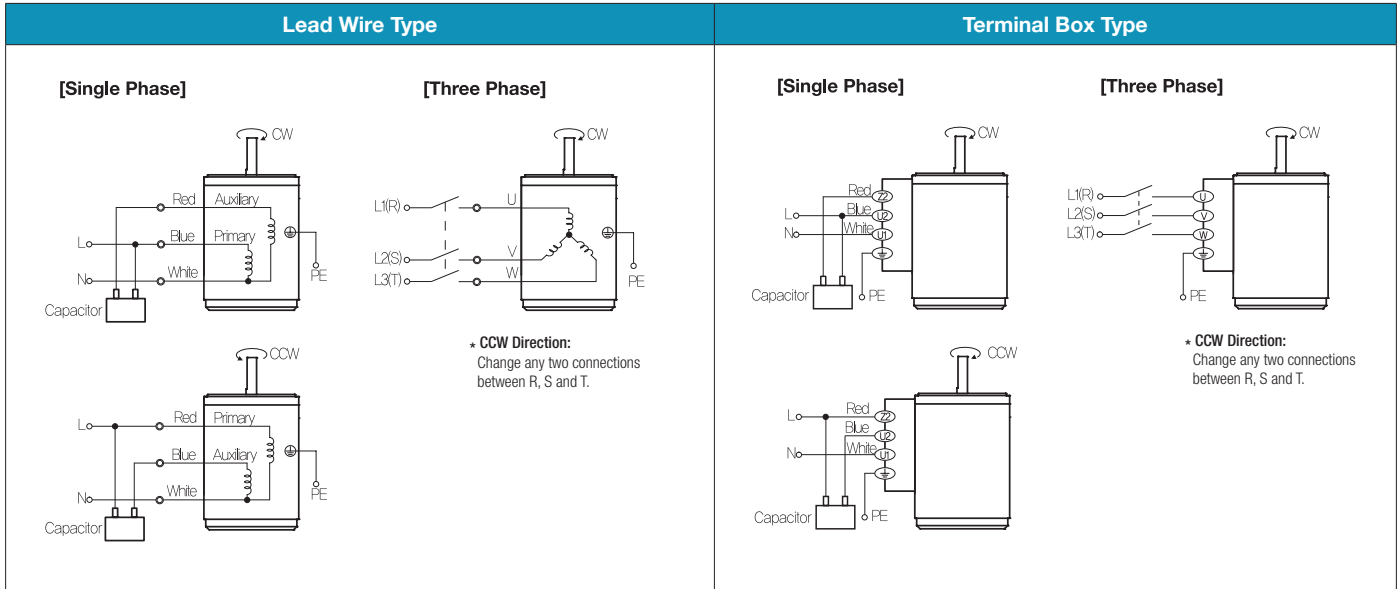
1) The direction of motor rotation is as viewed from the shaft end of the motor.
2) CW represents the clockwise direction, while CCW represents the counterclockwise direction.
3) Change the direction of single phase motor rotation only after bringing the motor to a stop. If an attempt is made to change the direction of rotation while the motor is rotating, the motor may ignore the reversing command or change its direction after some delay.