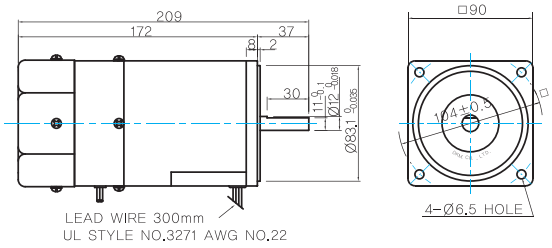
E.M. Brake Motor 60W (□90mm)

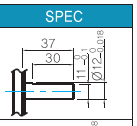
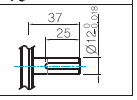
Dimensions

MOTOR ONLY

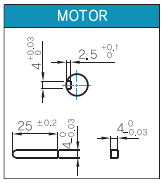
● MOTOR MODEL:
9BDD□-60F (GENERAL FAN)



● MOTOR OUTPUT SHAFT

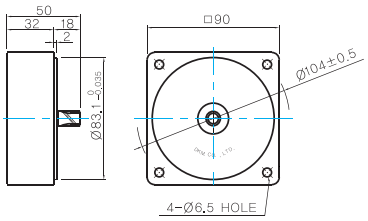
MODEL	SPEC
D-CUT TYPE	
9BDD□-60F	
KEY TYPE	
9BDK□-60F	

● KEY SPEC

MOTOR


INTER-DECIMAL GEARHEAD

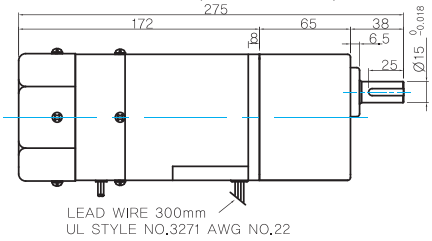
● MODEL:
9XD10M□



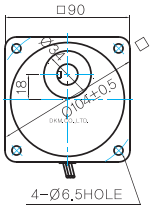
GEARED MOTOR

P TYPE GEARHEAD

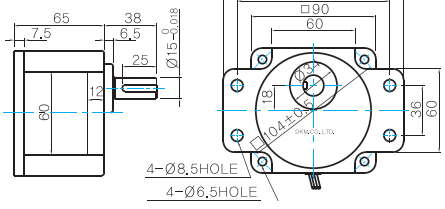
● MOTOR MODEL:
9BDG□-60FP (GENERAL FAN)



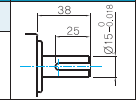
● GEARHEAD MODEL:
9PBK□BH



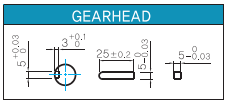
● GEARHEAD MODEL:
9PFK□BH



● GEARHEAD OUTPUT SHAFT

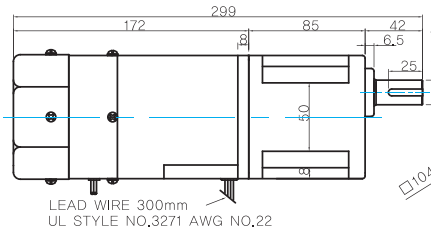
MODEL	SPEC
KEY TYPE	
9PBK□BH 9PFK□BH	

● KEY SPEC

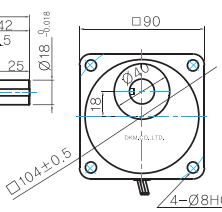
GEARHEAD


H TYPE GEARHEAD

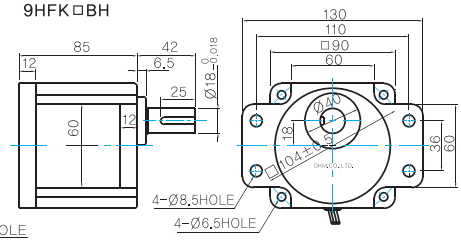
● MOTOR MODEL:
9BDG□-60FH (GENERAL FAN)



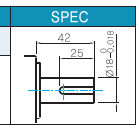
● GEARHEAD MODEL:
9HBK□BH



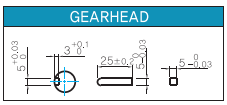
● GEARHEAD MODEL:
9HFK□BH



● GEARHEAD OUTPUT SHAFT

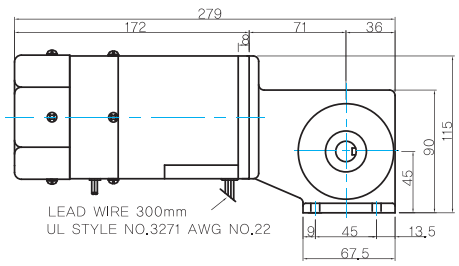
MODEL	SPEC
KEY TYPE	
9HBK□BH 9HFK□BH	

● KEY SPEC

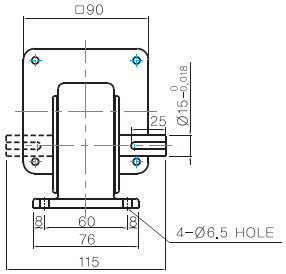
GEARHEAD


W TYPE GEARHEAD

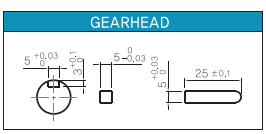
● MOTOR MODEL:
9BDG□-60FW (GENERAL FAN)



● GEARHEAD MODEL:
9WD□BL/BR/BRL

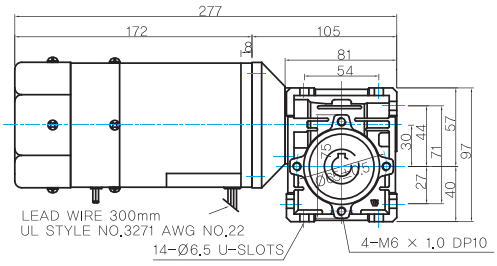


● KEY SPEC

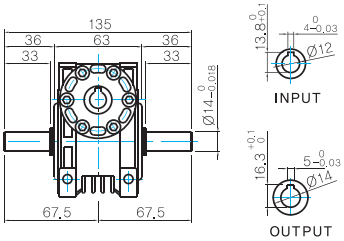
GEARHEAD


WH TYPE GEARHEAD

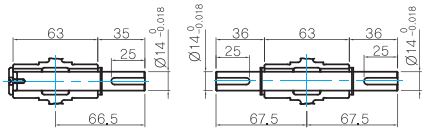
● MOTOR MODEL:
9BDG□-60FWH (GENERAL FAN)



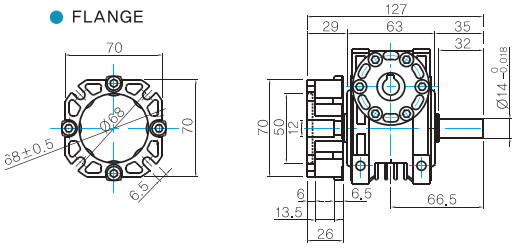
● GEARHEAD MODEL:
9WHD□



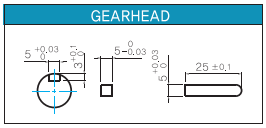
● SHAFT(한방향, 양방향)



● FLANGE



● KEY SPEC



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

Motor Images

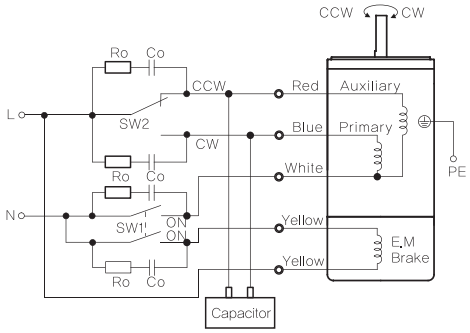
9BDD□-60F	9BDG□-60FP+9PBK□BH	9BDG□-60FP+9PFK□BH	9BDG□-60FH+9HBK□BH	9BDG□-60FH+9HFK□BH	9BDG□-60FW+9WD□BL
					

9BDG□-60FWH+9WHD□


E.M. Brake Motor 60W (□90mm)

Connection Diagrams

Single Phase



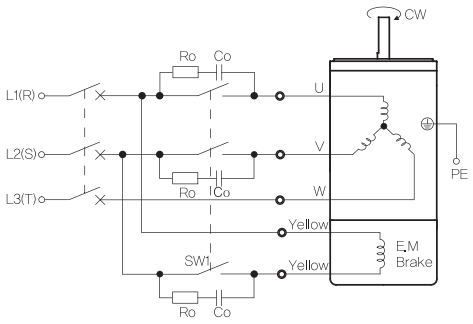
*** Rotation Direction:**

To rotate the motor in a clockwise (CW) direction, turn SW2 to CW.

To rotate the motor in a counterclockwise (CCW) direction, turn SW2 to CCW.

Switch No.	Specifications		Note
	Single Phase 110V/115V Input	Single Phase 220V/230V Input	
SW1	AC 125V 3A minimum (Inductive load)	AC 250V 1.5A minimum (Inductive load)	Switched Simultaneously
SW2			–

Three Phase



*** CCW Direction:**

Change any two connections between R, S and T.

Switch No.	Specifications	Note
SW1	AC 250V 1.5A minimum (Inductive load)	Switched Simultaneously

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) SW1 operates both motor and electromagnetic brake action.
4) The electromagnetic brake will be released and the motor will rotate when SW1 is switched simultaneously to ON. When SW1 is switched simultaneously to OFF, the motor stops immediately with the electromagnetic brake and holds the load.
5) If you wish to release the brake while the motor is stopped, apply voltage between the two brake lead wires (yellow).
6) Ro and Co indicate CR circuit for surge suppression. [Ro=5~200Ω, Co=0.1~0.2μF, 200WV (400WV)]