

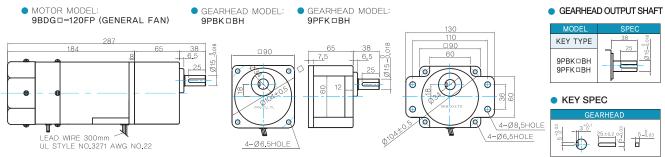
## E.M. Brake Motor 120W (□90mm)

## Dimensions

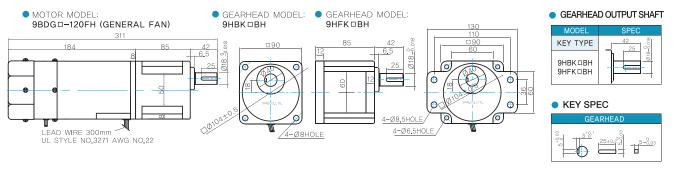
#### MOTOR ONLY **INTER-DECIMAL GEARHEAD** MOTOR OUTPUT SHAFT KEY SPEC MOTOR MODEL 9BDD□-120F (GENERAL FAN) MODEL 9XD10M□ D-CUT TYPE □90 184 0 9BDD□-120 <u>Ø104±</u>C Ø KEY TYPE 9BDK □-120F LEAD WIRE 300mm UL STYLE NO.3271 AWG NO.22 4-Ø6.5 HOLE 4-Ø6.5 HOLE

### **GEARED MOTOR**

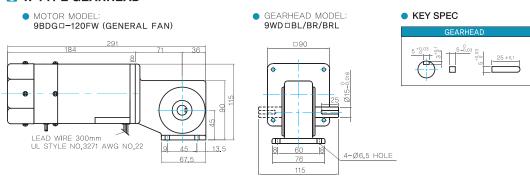




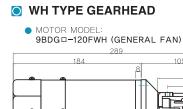
#### H TYPE GEARHEAD



#### W TYPE GEARHEAD







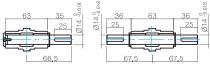
LEAD WIRE 300mm UL STYLE NO.3271 AWG NO.22

14-Ø6.5 U-SLOTS KEY SPEC

INPUT OUTPUT

• GEARHEAD MODEL: 9WHD |

SHAFT(Unidirectional, Bi-directional)



## WEIGHT

	WEIGHT(Kg)	
	3.5	
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

# FLANGE

 $\ast\,$  The output flange and shafts are sold separately.

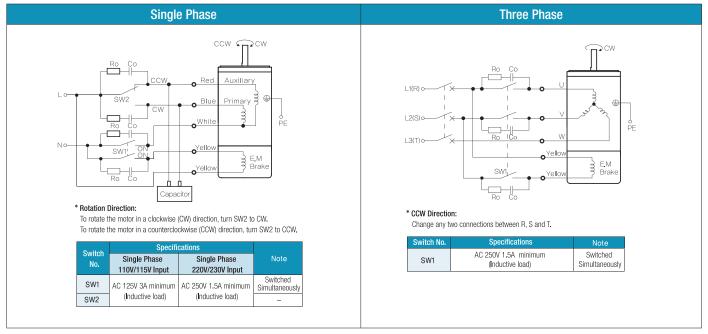
# Motor Images

9BDD□-120F	9BDG□-120FP+9PBK□BH	9BDG=-120FP+9PFK=BH	9BDG□-120FH+9HBK□BH	9BDG□-120FH+9HFK□BH	9BDG□-120FW+9WD□BL
9BDG□-120FWH+9WHD□		I	1	1	ı



## E.M. Brake Motor 120W (□90mm)

# © 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) 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= $5\sim200\Omega$ , Co= $0.1\sim0.2\mu\text{F}$ , 200WV (400WV)]