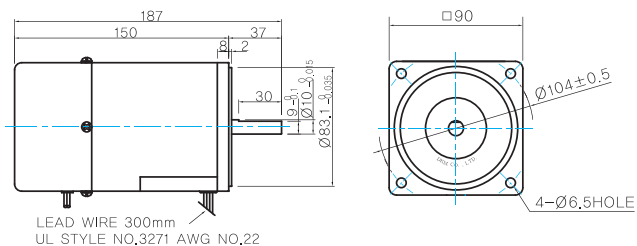


Dimensions

MOTOR ONLY

- MOTOR MODEL: 9BDD□-40 (NO FAN)

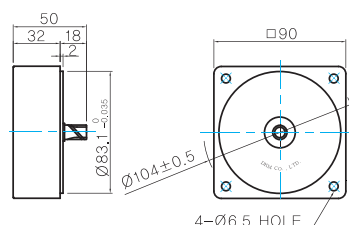


MOTOR OUTPUT SHAFT

MODEL	SPEC
D-CUT TYPE	
KEY TYPE	

INTER-DECIMAL GEARHEAD

- MODEL: 9XD10M□



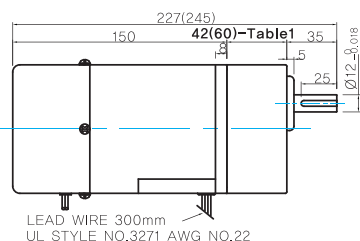
KEY SPEC

GEARHEAD	

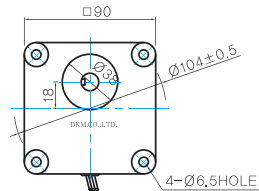
GEARED MOTOR

G TYPE GEARHEAD

- MOTOR MODEL: 9BDG□-40G (NO FAN)



- GEARHEAD MODEL: 9GBK□BMH



GEARHEAD OUTPUT SHAFT

MODEL	SPEC
KEY TYPE	

KEY SPEC

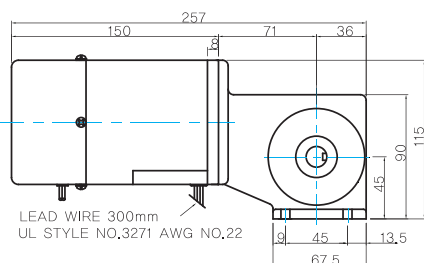
GEARHEAD	

- 42(60)-Table1

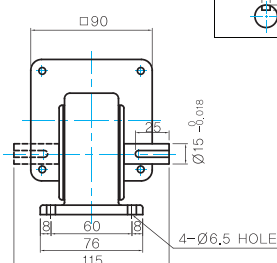
SIZE(mm)	GEAR RATIO
42	9GBK2BMH - 9GBK15BMH
60	9GBK18BMH - 9GBK180BMH

W TYPE GEARHEAD

- MOTOR MODEL: 9BDG□-40W (NO FAN)



- GEARHEAD MODEL: 9WD□BL/BR/BRL



KEY SPEC

GEARHEAD	

WEIGHT

PART	WEIGHT(Kg)
MOTOR	3.0
9GBK2BMH - 9GBK15BMH	0.67
9GBK18BMH - 9GBK30BMH	0.96
9GBK36BMH - 9GBK180BMH	1.07
8WD□BL/BR/BRL	1.0
8XD10M□	0.5

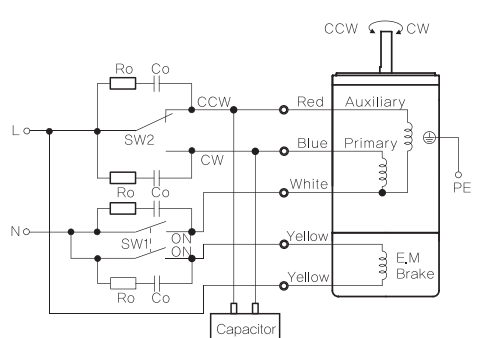
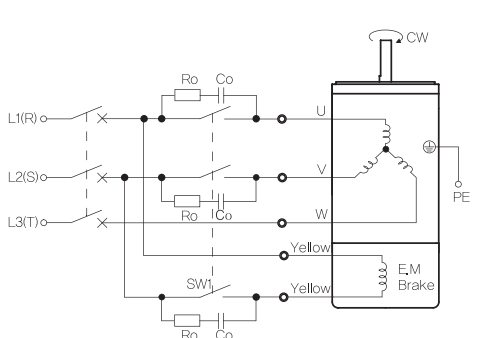
Motor Images



B AC Motors

E.M. Brake Motor 40W (□90mm)

Connection Diagrams

Single Phase	Three Phase																				
 <p>The diagram shows a single-phase AC input (L and N) connected to a motor. The motor has an Auxiliary winding (Red), Primary winding (Blue), and E.M. Brake winding (Yellow). A capacitor is connected between the primary and auxiliary windings. Two switches, SW1 and SW2, are used for control. SW1 is a double-throw switch that controls both the motor and the brake. SW2 is a selector switch for rotation direction (CW or CCW). Surge suppression components (Ro and Co) are connected in parallel with the motor windings.</p> <p>* 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.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #0070C0; color: white;"> <th rowspan="2">Switch No.</th> <th colspan="2">Specifications</th> <th rowspan="2">Note</th> </tr> <tr style="background-color: #0070C0; color: white;"> <th>Single Phase 110V/115V Input</th> <th>Single Phase 220V/230V Input</th> </tr> </thead> <tbody> <tr> <td>SW1</td> <td>AC 125V 3A minimum (Inductive load)</td> <td>AC 250V 1.5A minimum (Inductive load)</td> <td>Switched Simultaneously</td> </tr> <tr> <td>SW2</td> <td></td> <td></td> <td>-</td> </tr> </tbody> </table>	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			-	 <p>The diagram shows a three-phase AC input (L1(R), L2(S), L3(T)) connected to a motor. The motor has three main windings (U, V, W) and an E.M. Brake winding (Yellow). A capacitor is connected between the main windings. A switch SW1 is used for simultaneous control of the motor and the brake. Surge suppression components (Ro and Co) are connected in parallel with the motor windings.</p> <p>* CCW Direction: Change any two connections between R, S and T.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #0070C0; color: white;"> <th>Switch No.</th> <th>Specifications</th> <th>Note</th> </tr> </thead> <tbody> <tr> <td>SW1</td> <td>AC 250V 1.5A minimum (Inductive load)</td> <td>Switched Simultaneously</td> </tr> </tbody> </table>	Switch No.	Specifications	Note	SW1	AC 250V 1.5A minimum (Inductive load)	Switched Simultaneously
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SW2			-																		
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- 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)]