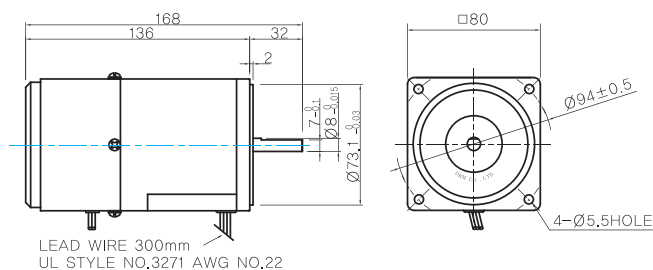


Dimensions

MOTOR ONLY

- MOTOR MODEL: 8BDD□-15 (NO FAN)

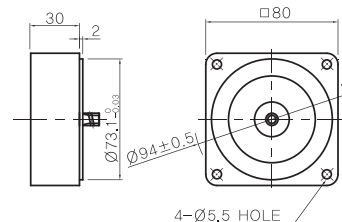


- MOTOR OUTPUT SHAFT

MODEL	SPEC
D-CUT TYPE	

INTER-DECIMAL GEARHEAD

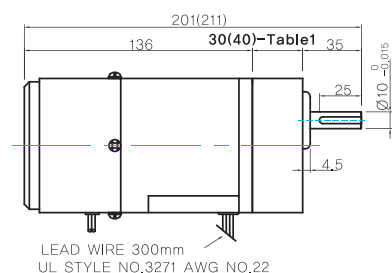
- MODEL: 8XD10M□



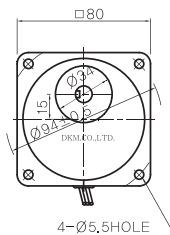
GEARED MOTOR

G TYPE GEARHEAD

- MOTOR MODEL:
8BDG□-15G (NO FAN)



- GEARHEAD MODEL:
8GBK□BMH



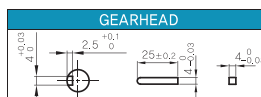
- GEARHEAD OUTPUT SHAFT

MODEL	SPEC
KEY TYPE	

- 30(40)-Table1

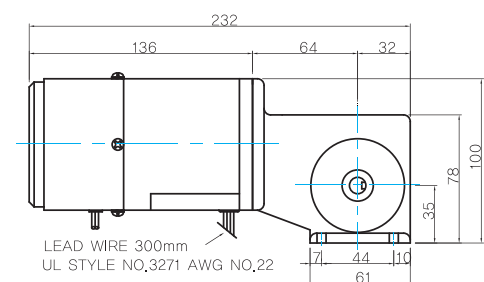
SIZE(mm)	GEAR RATIO
30	8GBK3BMH - 8GBK18BMH
40	8GBK25BMH - 8GBK360BMH

- KEY SPEC

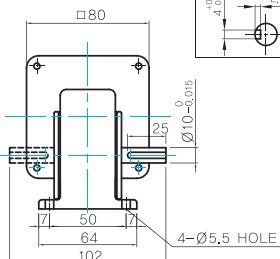


W TYPE GEARHEAD

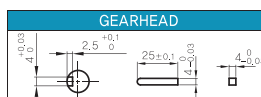
- MOTOR MODEL:
8BDG□-15W (NO FAN)



- GEARHEAD MODEL:
8WD□BL/BR/BRL



- KEY SPEC



WEIGHT

PART	WEIGHT(Kg)
MOTOR	2.0
8GBK3BMH - 8GBK18BMH	0.48
8GBK25BMH - 8GBK30BMH	0.61
8GBK36BMH - 8GBK180BMH	0.67
8GBK200BMH - 8GBK360BMH	0.63
8WD□BL/BR/BRL	0.67
8XD10M□	0.44

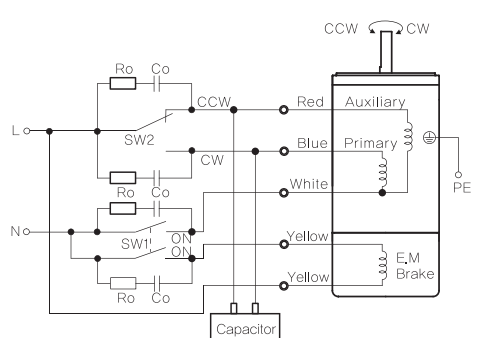
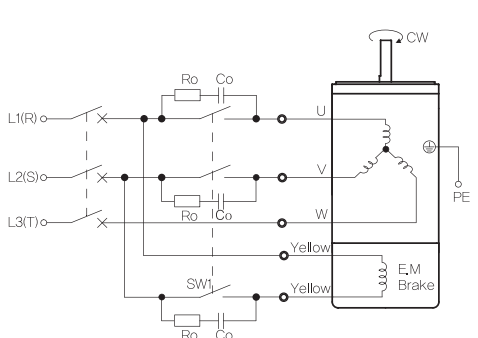
Motor Images



B AC Motors

E.M. Brake Motor 15W (□80mm)

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 four main terminals: Red (Auxiliary), Blue (Primary), White (Primary), and Yellow (E.M. Brake). A capacitor is connected between the Red and Blue terminals. Two switches, SW1 and SW2, are used for control. SW2 is connected to the Red terminal and has two positions: CCW (counterclockwise) and CW (clockwise). SW1 is connected to the White terminal and has two positions: ON and OFF. Surge suppression components (Ro and Co) are connected in parallel with the capacitor.</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 four main terminals: U (Auxiliary), V (Primary), W (Primary), and Yellow (E.M. Brake). A capacitor is connected between the U and V terminals. A switch SW1 is connected to the Yellow terminal. Surge suppression components (Ro and Co) are connected in parallel with the capacitor.</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)]