

Table 1.5: Standard Brake Specifications

Specification	1/50 Hp	1/30 Hp	1/20 Hp	1/15 Hp	1/10 Hp	1/6 Hp	1/50 Hp	1/30 Hp	1/20 Hp	1/15 Hp	1/10 Hp	1/6 Hp
Brake Type	Power-off, Brake-on (Spring Close)											
Rated Torque (in-lb)	3.27			4.78			3.27			4.78		
Voltage	DC90V						DC45V					
Power (@ 75C)	12W						10W					
Current (@ 75C)	0.13A						0.25A					
Max Braking Frequency	10/min											

Fig 1.7: Standard Brake Structure

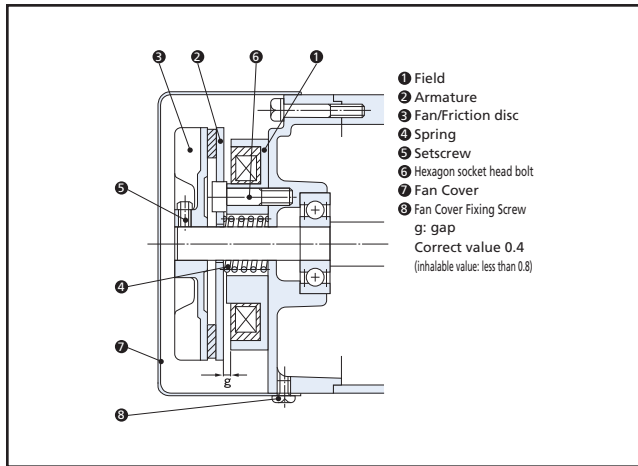


Table 1.6: IP-65 Brake Specifications

Phase: Voltage	3 Ph: 208/230V			1 Ph: 220,230V		1 Ph: 115V	
Horsepower	1/50Hp 1/30 Hp	1/30 Hp 1/20 Hp 1/15 Hp 1/10 Hp		1/50Hp 1/30 Hp	1/30 Hp 1/20 Hp 1/15 Hp 1/10 Hp	1/50Hp 1/30 Hp	1/30 Hp 1/20 Hp 1/15 Hp 1/10 Hp
Specification	G-12 H-15 F2-12	G-15, G-18 H-18 F2-15		G-12 H-15 F2-12	G-15, G-18 H-18 F2-15	G-12 H-15 F2-12	G-15, G-18 H-18 F2-15
Brake Type	Power-off, Brake-on (Spring Close)						
Rated Torque (in-lb)	2.83	6.37		2.83	6.37	2.83	6.37
Voltage	DC90V					DC45V	
Power (@ 75C)	5.6W	6.5W		5.6W	6.5W	5.1W	6.4W
Current (@ 75C)	0.06A	0.07A		0.06A	0.07A	0.12A	0.14A
Max Braking Frequency	10/min						

Fig 1.7: Standard Brake Structure

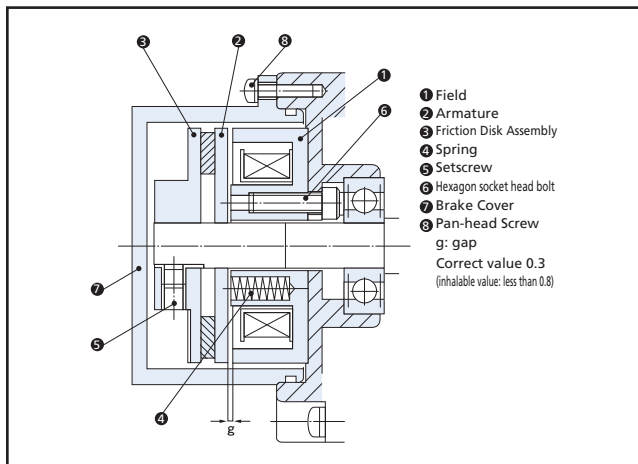
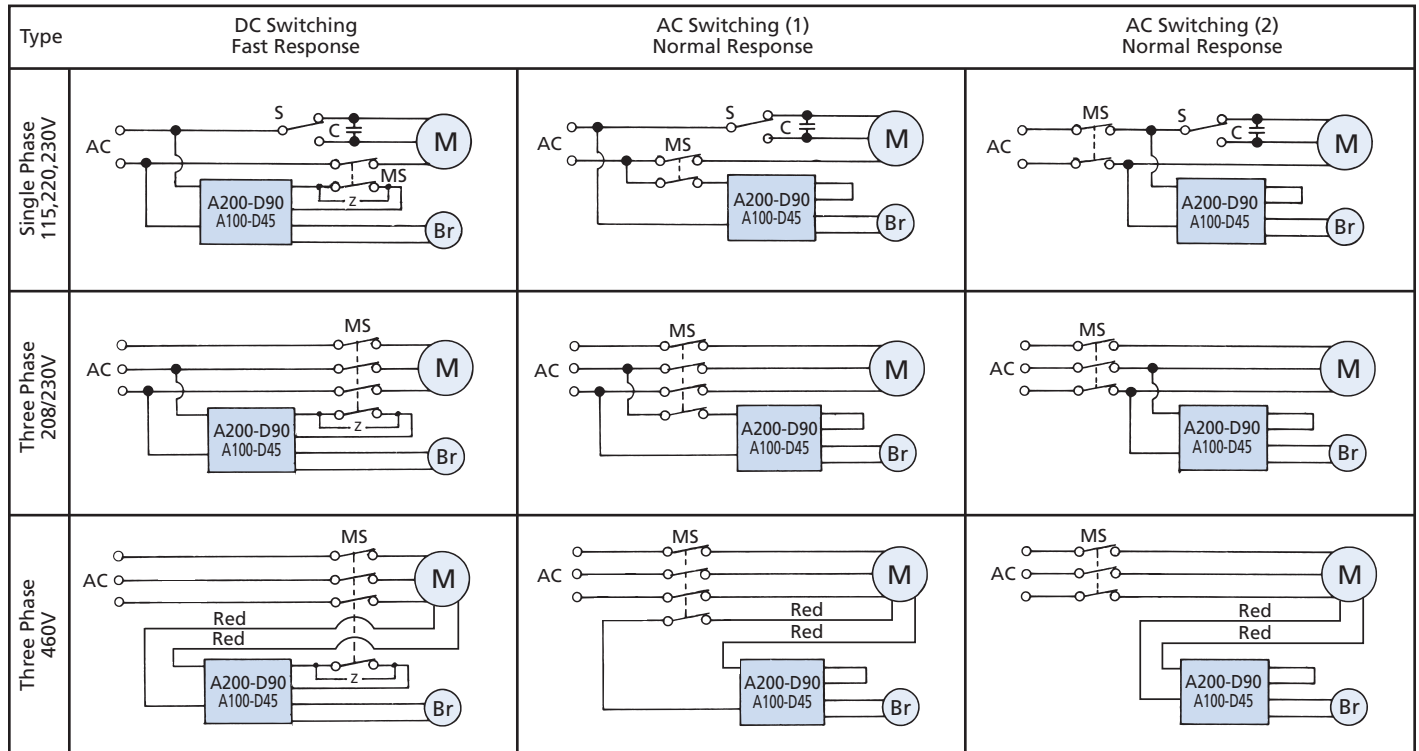


Fig 1.9: Brake Wiring without Inverter (VFD)



M: Motor Br: Brake S: Reversing switch C: Capacitor MS: Magnetic switch Z: R-C circuit (OP-CRM-2)  
For Wiring a brake equipped gearmotor with an Inverter (VFD), please see page 15.

Fig 1.10: Rectifier Dimensions

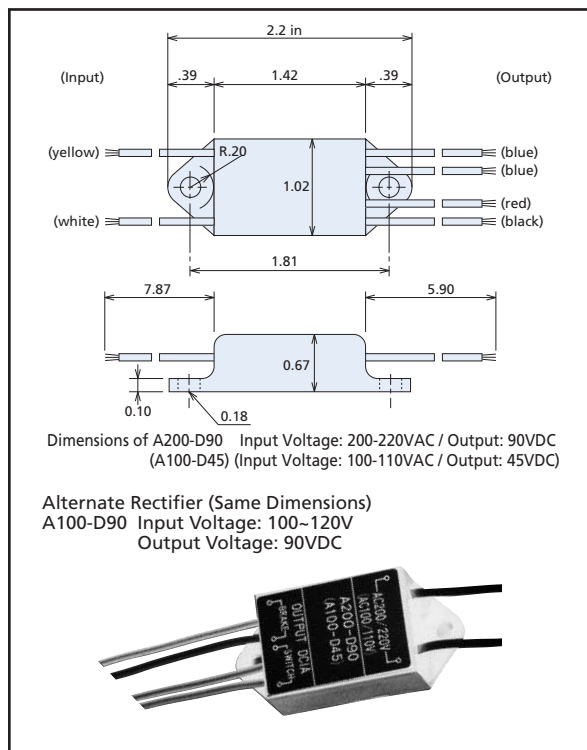
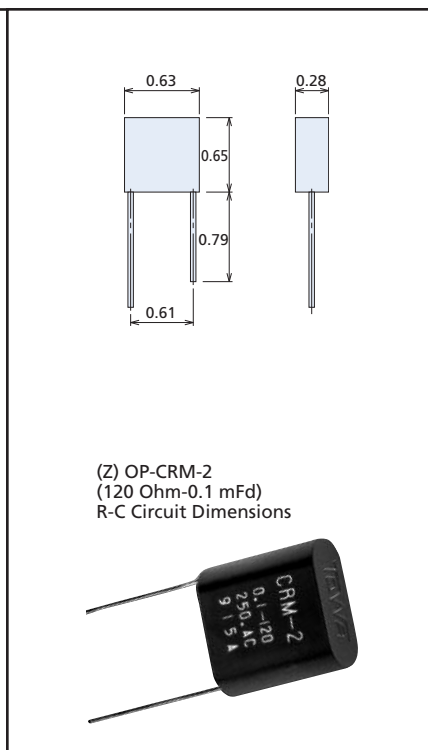


Fig 1.11: Snubber Dimensions (OP-CRM-2)



Note:

1. The rectifier is shipped with the brakemotor as an accessory. It must be mounted remotely in a panel or box. It may not fit in the terminal box supplied on the gearmotor.
2. The OP-CRM-2 is an optional part. Please order it separately if it is required.