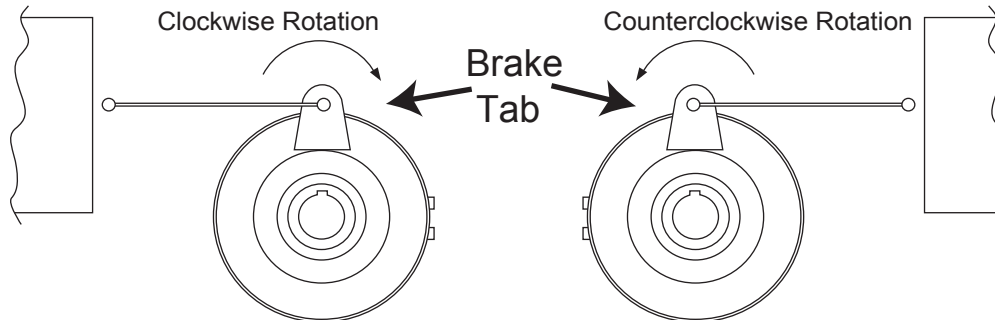


Shaft Mounted (Bearing Mounted) Brake Installation

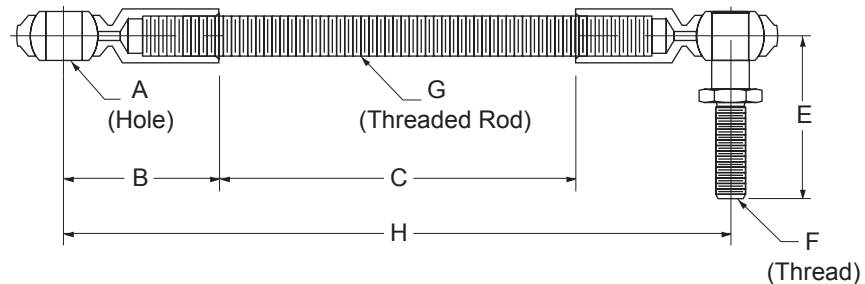
This Brake is power applied and is self adjusting. When DC Power is applied the brake will engage to stop the load. Position brake on shaft, tighten set screws (Model 304) or taper bushing (models 305 and larger.)

Brake's anti-rotate tab must be constrained from motion by a clearance pin / shoulder bolt or Torque Arm kit below through the hole in the tab. **Do not rigidly attach** the tab to any surface; **it must float** or damage can occur to the brake's internal bearing. When using arms to constrain the brake the arm should be in tension to avoid possible buckling due to stopping load torques.



Optional Torque Arm Kits

Model	Torque Arm Kit #
304	327045
305	327046
307	327047
308	327047
310	327144



Dimensions

Model	A ●	B	C	D	E	F ▲	G	H
304	1/4"	1-5/16"	5.33	1-5/16"	1.04	1/4"-28 x 1/2"	1/4"-28	7.95
305	5/16"	1-3/8"	7.19	1-3/8"	1.23	5/16"-24 x 19/32"	5/16"-24	9.94
307	3/8"	1-5/8"	7.56	1-5/8"	1.54	3/8"-24 x 13/16"	3/8"-24	10.86
308	3/8"	1-5/8"	7.56	1-5/8"	1.50	3/8"-24 x 13/16"	3/8"-24	10.86
310	1/2"	2-1/8"	13.56	2-1/8"	2.00	1/2"-20 x 1"	1/2"-20	17.81

● Attach to stationary bracket.

▲ Bolts to brake tab, kit includes nut and lock washer

Installation

1. Cut threaded rod to length, if required.
2. Assemble rod ends to threaded rod.
3. Assemble rod end with male stud through tab of brake.
4. Place lock Washer onto threaded section of male stud.
5. Assemble nut onto threaded end of male stud. Tighten securely
6. Assemble other rod end to your base or supported fixture. Your base or support must be capable of withstanding the force required to stop your drive system. Mount arm in a direction that will not allow the rod to buckle. See Detail Above.
7. The brake tab should not be restrained in a manner that would preload the bearing.

