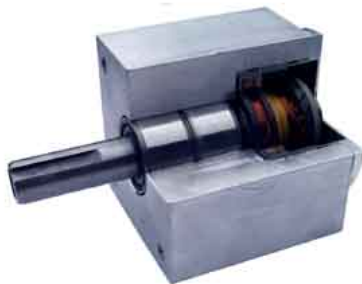


Model HD13 resolver

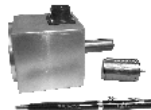


- 400 lbs. side load double row bearings
- True industrial design
- NEMA 4X
- 5/8" keyed shaft
- 2 5/8" x 2 3/4" x 2 3/4" housing
- No small parts or screws to become loose
- No internal couplings
- No miniature bearings to fail
- Shaft extends through entire housing
- Low cost yet more rugged



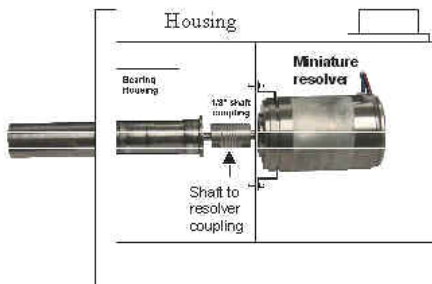
There is no other resolver manufactured like the CIECO HD13. Using a pancake type resolver, the shaft extends through the entire housing with the resolver secondary as part of the shaft. The primary portion is permanently mounted in the solid aluminum housing, eliminating small delicate parts. Due to the simple rugged design, CIECO can provide a better resolver at a lower price.

Which would you rather have attached to your machine, the CIECO heavy-duty resolver or the 1/8" shaft/coupling type shown below?



- Weak link in shaft to resolver coupling
- Small parts susceptible to shock and vibration
- Resolver miniature bearings susceptible to failure
- Main shaft bearing load 200 lbs. or less
- Miniature resolver bearing max load only a fraction of a pound
- Longer housing length due to multi stage internal mounting.

Theirs



Most "industrial resolvers" are simply housing for miniature resolvers. The main shaft is machined down and coupled to a resolver the size of a toy motor. The assembly requires small parts that are susceptible to shock and vibration. The resolver-to-shaft coupling within the housing has tiny setscrews that can vibrate loose. Because of the complex internal mounting design, these types of resolvers tend to be more expensive and less reliable.