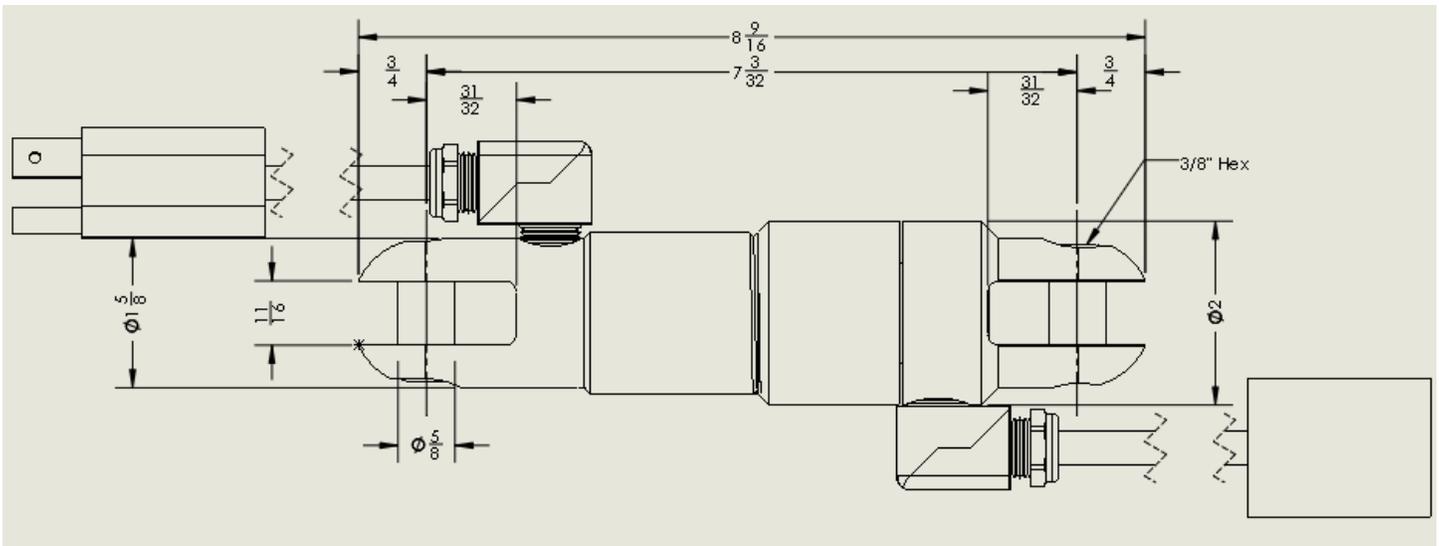


OPERATING SPECIFICATIONS



00505-030E ELECTRIC LINE SWIVEL

1. The Line Swivel is intended for supporting suspended equipment that require a swivel joint and also require an electrical connection up to 15A (120VAC) in an overhead application. The swivel permits rotation of the equipment suspended while protecting the supporting structure from twisting loads.
2. **Line Swivels are not designed to run around bull wheels.**
3. **Line Swivels are not suitable for directional drilling applications.**
4. Slotted clevis pins are supplied standard.



Part Number	Overhead Safe Working Limit (5:1SWL)	Ultimate Load	Electrical Capacity	Net Weight
00505-030E	6,000 lb 26.6 kN	30,000 lb 133.4 kN	15 A @ 120VAC	4.29 lb 1.95 kg

Dimensions and weights subject to change without notice.

* These swivels are made from Alloy Steel with a black oxide finish, all others are Stainless Steel.

The **Underground Safe Working Limit** is calculated using a 3:1 safety factor based on the ultimate load.

The **Overhead Safe Working Limit** is calculated using a 5:1 safety factor based on the ultimate load.

The **Ultimate Load** is the tensile load required to separate the Line Swivel into two or more parts.

OPERATING INSTRUCTIONS

DCD

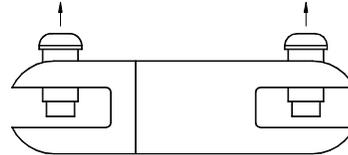
Design & Manufacturing Ltd.

00505-030E ELECTRIC LINE SWIVEL



INSTALLATION

1. Remove the clevis pins from the line swivel.
2. Insert the items you want to attach into the clevis ends.
Re assemble the clevis pins.
3. Connect plugs at each end.
4. Ensure wire will not become entangled from rotation. Fasten wire if necessary.



SAFETY



1. The line swivel is designed to operate only within its specified **safe working limit** (see *Operating Specifications*). Operation of the line swivel at loads in excess of its **safe working limit** will void the warranty as that may cause permanent bearing damage even though separation due to failure will not occur until the specified **ultimate load** is reached.
2. The required safe working limit is 5:1 based on the ultimate load due to the higher risk of severe personal injury or property damage in overhead applications.
3. Do not exceed the recommended amperage or voltage. Ensure a 15A fuse or breaker is used with this product.
4. Line swivels are not designed to be pulled over sheaves or bullwheels since a bending load acts to increase the tension in the line swivel and may cause damage.
5. Never use a worn, defective or incomplete component. Ensure that all components of the pulling system are able to withstand the maximum pulling loads. Components not rated for the pull force may break and release the stored energy of the pull.
6. Do not modify or dismantle the line swivel. It has been assembled, and inspected and is only covered by a warranty in its "as shipped" form. Any attempt to dismantle or modify the swivel will void the warranty and may result in property damage, severe bodily harm, or death.
7. Be prepared for the unexpected. Use recognized safety practices and wear recognized safety equipment.

SERVICE



1. After each use, assess the condition of the line swivel checking for wear and external damage. Check for axial and radial play in the bearings.
2. Replace worn or bent clevis pins with original equipment manufacturer's pins. Replacement kits consisting of two pins are available.