

Application information

Swivels are used in lifting, mooring, and anchoring applications. All our swivels can be designed with roller, trust, plain and low friction bearings, depending on the application of use. Next our standard design in this catalogue, special dimensions and special designs are possible.

SW1 Closed body swivels are used mainly for rigging and lifting application for non-permanent applications, These swivels are made with a roller bearing. On request we can modify these for subsea use.

SW2/SW3 CR swivels, Chain and Rope are mainly used in anchor lines between rope and chain, these swivels are designed for subsea use and have plain bearings. Our CR-Connector links are the perfect fit to the chain or socket.

Instructions for use

Swivels are design for in-line loads, side loads are not acceptable and will damage the bearings. Roller bearings can be used under load, where plain bearings are mainly used for positioning installation loads. Make sure for swivels with jaw and safety pin the proper use of the nut and split pin. If the jaw gap is wider as the connecting part, use spacer to have a proper center load. Before use make sure the swivel is greased. After use subsea make sure the swivel is inspected and greased before re-use or storage. Maintenance for swivels by a expert is recommended every 2 years, with a maximum of 4 years.

Inspection

Inspection should take place at least every six months and even more frequently when the swivels are used in severe operating conditions.

Swivels should be inspected before use to ensure that:

- All markings are legible
- Swivel rotate freely
- Check swivels are undamaged on free of dirt
- Never use a safety bolt type swivel without using a securing pin
- Swivels may not be heat treated as this may affect their Working Load Limit and damage the bearings

Markings

As minimum the following markings must be hard stamped in the shackle:

- Applicable Working load or Proof load
- Brand mark
- Production number