

Zinc anode belt XJ, XJC, XJS



General

Submersible dewatering pumps can be equipped with zinc protection, an easy way to extend the service life of pumps in salty water. Mounting sacrificing anodes of zinc to the pump body is a well proven method to reduce galvanic corrosion of aluminium castings when used in salty water. The method has been used for many years not only for submersible pumps but also to protect other machines such as outboard motors for leisure boats.

The zinc anodes protect the aluminium parts of the pump from corrosion attacks. The durability of the zinc anodes may vary widely with concentration, temperature and the presence of abrasives in the media being pumped. The zinc anodes need to be inspected on a regular basis and shall be replaced before the anodes are consumed.

Procedure

Zinc anode belts on submersible pumps offers an easy, flexible and inexpensive way to mount, inspect and replace zinc anodes on all Sulzer dewatering pumps.

An important part of the solution is a belt with a number of zinc anodes to attach around the pump body. The belt is easily adjusted to the diameter of the pump and safeguards a perfect contact between the zinc anodes and the aluminium castings of the pump for optimum efficiency. Some of the pumps also have anodes screwed on to a pre-drilled handle.



The Zinc anode belt thereby prevents the pump from being subject to excess corrosion of the aluminium parts of the pump.

All Zinc anode belts for various pumps are supplied as complete kits with an assembly drawing.

Kit specification

Type	P/N complete kit	Length and number of zinc anode belts	Total quantity of anodes on belts	Total quantity of anodes on handle
XJ 25 - XJ 40	00863179	upper: 0.74 m x 1 lower: 0.82 m x 1	6 7	2
XJ/XJC 50 - XJ/XJC 110	00863178	upper: 0.92 m x 1 lower: 0.88 m x 1	7 7	XJ: 4 XJC: 0
XJ 900	310101391001	upper: 2.24 m x 1 lower: 1.81 m x 1	17 14	0
XJS 25 - XJS 40	00863180	upper: 0.54 m x 1 lower: 0.54 m x 1	4 4	2
XJS 50 - XJS 110	00863181	upper: 0.70 m x 1 lower: 0.72 m x 1	6 6	4



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