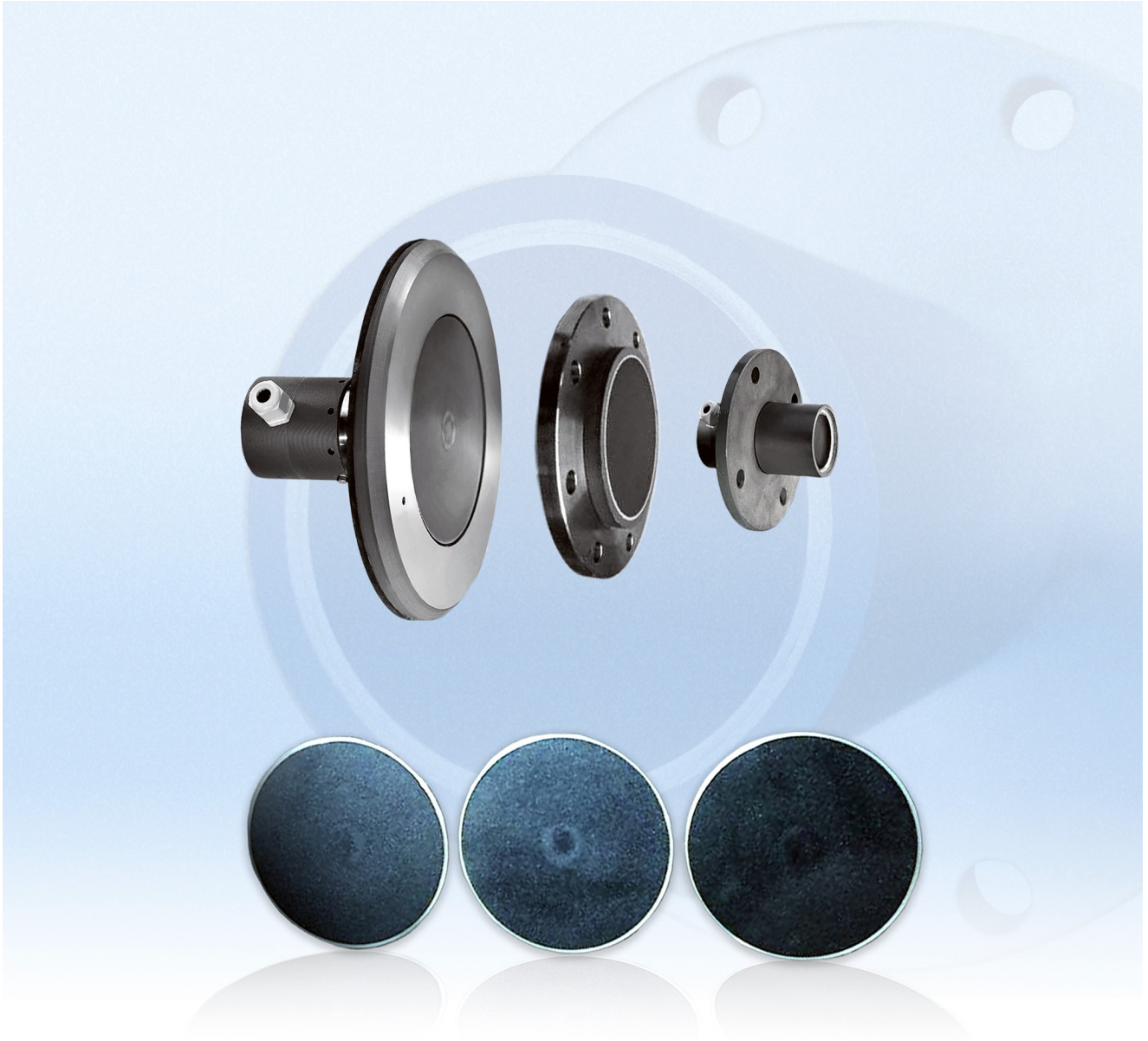

Disc Anodes



Disc Anodes

3C Corrosion Control Company AB manufactures Mixed Metal Oxide (MMO) disc anodes for cathodic protection.

The standard disc anode consists of a solid titanium disc that has been coated with MMO coating.

The titanium substrate meets ASTM Standard B348, Grade 1 or Grade 2.

Disc anodes are available in standard diameters of 25, 60, 100 and 150 mm. Other sizes and current ratings are available upon request.

The MMO coating applied to the titanium disc has been designed for use in all cathodic protection applications. The coating consists of $\text{IrO}_2/\text{Ta}_2\text{O}_5$. MMO coating is generally accepted by the cathodic protection industry to be satisfactory for both chlorine and oxygen evolving electrolytes.

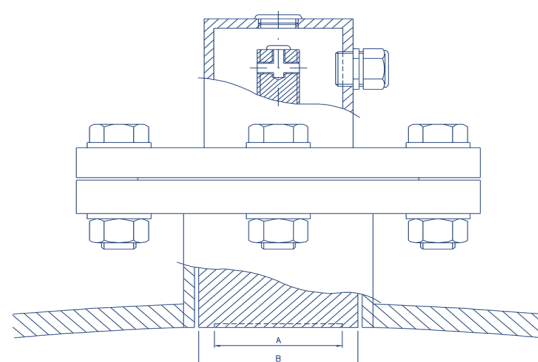
Based on accelerated life testing conducted by an independent laboratory, the coating has proven to be superior or equivalent to other MMO coatings currently being used. A copy of this test report is available upon request.

Strict quality control procedures are followed throughout the coating process to insure proper coating adhesion and loading. Production of a quality product makes every step of the manufacturing process fundamental.

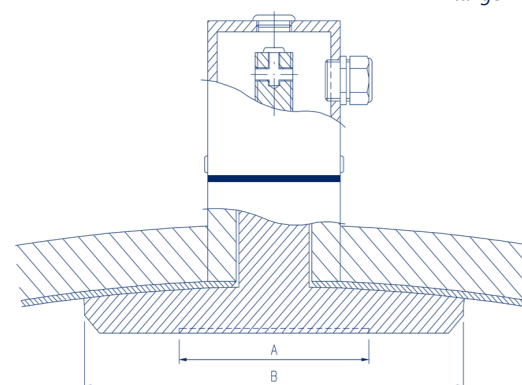
MMO anodes have an extremely low consumption rate. The titanium substrate remains constant throughout the design life of the anode. The anode house is made of uPVC and the cable can be terminated in both radial and axial direction.

The disc anodes have the following operating characteristics for standard coating.

Electrolyte	Max current density*
Fresh water	100 A/m ²
Brackish water**	100-300 A/m ²
Sea water	600 A/m ²



Flange mounted



Sleeve mounted

Model	A (mm)	B (mm)	I (A)
Ø 25 mm	25	42	0.30
Ø 60 mm	55	75	1.42
Ø 100 mm	95	200	4.25
Ø 150 mm	145	250	9.91

* Coating loadings can be increased or decreased depending on particular life/current density requirements.

** Current density should be determined in accordance with fresh water resistivity.

Copies of the five year product warranty are available on request.