

SACRIFICIAL ALUMINIUM ANODE

Information

Aluminium Anodes are usually applied in Water, Sea Water or Produced Brines. Standard Aluminium Anodes are supplied in variety of Sizes and Weights. Prolonged exposure above 122°F will result in excessive Consumption of Anode Material.

Aluminium Alloys

Elements	Mil –A-24779	DNV RP B401	GALVALUM III
Silicon	0.08 – 0.20	0.12 max	0.08 – 0.20
Iron	0.09 max	0.09 max	0.13 max
Zinc	4.0 – 6.5	2.5 – 5.75	2 - 6
Indium	0.014 -0.020	0.015 – 0.040	0.01 – 0.02
Copper	0.004 max	0.003 max	0.006 max
Others(each)	0.02 max	0.02 max	0.02 max
Aluminium	Remainder	Remainder	Remainder

Weld on - Tear Drop

Anode Type(New)	Anode Dimensions(mm)			Core Dimensions(mm)			Weight (kg)	
	Length	Width	Height	Length	Width	Height	Net wt.	Gross Wt.
BTA005T	120	40	25	200	10	3	0.2	0.25
BTA011T	180	60	32	260	20	3	0.4	0.5
BTA020T	220	75	38	300	20	3	0.8	0.9
BTA031T	200	95	30	300	20	3	1.2	1.4

Weld on - Double Strap

Anode Type	Anode Dimensions(mm)			Core Dimensions(mm)			Weight (kg)	
	Length	Width	Height	Length	Width	Height	Net wt.	Gross Wt.
BTA100D	305	152	36	254	32	5	3.8	4.5
BTA177D	305	152	64	254	32	5	7.4	8
BTA322D	460	230	51	430	32	6	13.5	14.5

Bolt on Type

Anode Type	Length(mm)	Width(mm)	Height(mm)	C-C(mm)	Plate Width(mm)	Plate Thickness(mm)	Net Wt.(Kg)	Gross Wt.(Kg)
BTA040B	200	100	30	110	50	5	1.4	1.8
BTA046B	200	100	40	110	50	5	1.7	2.1
BTA071B	300	150	25	160	75	5	2.8	3.2
BTA082B	300	150	30	160	75	5	3.3	3.7
BTA113B	300	150	40	160	75	5	4.7	5.1
BTA128B	300	150	50	160	75	5	5.4	5.8
BTA133B	300	200	40	160	100	5	5.6	6
BTA237B	300	200	65	160	100	5	10.3	10.7
BTA297B	400	180	70	180	80	5	13.1	13.4
BTA344B	540	200	65	340	100	5	15.1	15.5

Electrochemical Properties :

- Solution Potential: -1.1V w.r.t Ag/AgCl
- Capacity: 2500 Ah/kg (min)
- Density: 2750 kg/m³

Customized Alloy, Dimensions and shape can be produced against order

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Aluminium Anode



Bracelet Anode

- Tear Drop Anodes
- Stand OFF Anodes
- Tank Anodes
- Hull Anodes
- Bracelet Anodes