

Ampak® magnesium anodes

Cathodic protection with high-quality magnesium anodes for fresh water applications



Advantages:

- + Available in two basic types with voltage outputs of approx. 1.55 V and 1.75 V
- + Remains electro-chemically active in fresh water
- + Uniform corrosion pattern, reliable electrical capacity and long life
- + Different alloy specifications casted on customer request

Applications:

- + Corrosion protection in fresh water
- + Anodes available as welded or bolt-on types
- + From standard to customized anodes

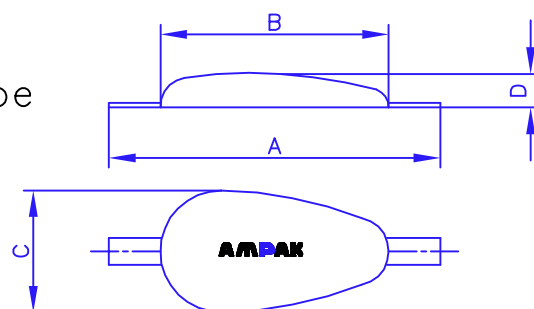
Ampak® is the worldwide known brand for cathodic corrosion protection. It is synonymous with high-quality anodes and Ampak's complete and long-term expertise in the field of design, production and application of corrosion prevention systems. Our company cooperates closely together with major ship-owners, the maritime and offshore (wind) industry, port authorities and maritime design companies.

Depending on the environment, the size and type of construction and finally the time until the next scheduled maintenance, Ampak® offers different cathodic protection systems. As a general rule we recommend selecting the anodes as those being suitable for the water the vessel regularly operates in.

Salt water	Brackish water	Fresh water
Zinc anodes or aluminium anodes	Aluminium anodes	Magnesium anodes

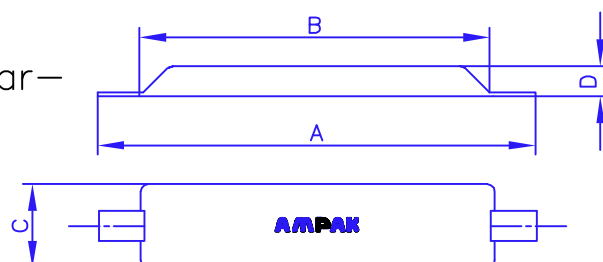
MAGNESIUM HULL ANODES

Pear—shape



TYPE	A	B	C	D	welding strip	weight	
						net	gross
1,3—Mg	180	110	60	27	20x3	0,13 kg	0,2 kg
3—Mg	180	120	80	23	25x3	0,3 kg	0,4 kg
7—Mg	245	170	100	40	25x3	0,7 kg	0,9 kg
18—Mg	430	300	160	35	30x4	1,8 kg	2,2 kg
24—Mg	430	300	160	45	30x4	2,4 kg	2,9 kg

Rectangular—
shape



TYPE	A	B	C	D	welding strip	weight	
						net	gross
0,5—Mg	140	95	30	13,5	15x3	0,05 kg	0,11 kg
13—Mg	430	300	90	40	30x4	1,3 kg	1,7 kg
30—Mg	575	465	110	40	40x5	3,0 kg	4,0 kg
40—Mg	630	520	120	40	40x5	4,0 kg	5,0 kg
65—Mg	910	800	120	40	40x5	6,5 kg	8,1 kg