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TITLE:

**SACRIFICIAL MAGNESIUM ANODE- 3.6 Kg**  
(Standard)

DWG CODE:

**BAME1A203B229H50.8G3600-S**

DOC NO.:

**4-DR-750**

**Approved by BORNA GODAZ Co.**

Name & Signature:

**Client's Approval**

Name & Signature:

Specifications & Properties	
Anode Dimension (mm)	A=203 ; B=229 ; H=50
Hole Dimension (mm)	C=20 ; D=50
Gross Wt. (Kg) (Approx.)	3.6
<input type="checkbox"/> Cable (mm)	-----
<input type="checkbox"/> Back Fill (%)	-----

**NOTE:**  
- All data specifications are prepared according to relevant standards and regulations.  
- with proper rubber gasket. (3mm thickness)

Electrochemical Properties of Magnesium Anodes	
Acc. To BS-7361	
Electrochemical Capacity (Ah/kg)	1200
Open Circuit Potential (V) (Respect to CU/CUSO4 Reference Electrode)	-1.5
Efficiency (%)	50
Chemical Composition of Magnesium Anodes	
Acc. To ASTM-B-843	
Aluminum	5.3-6.7%
Zinc	2.5-3.5%
Manganese	0.15-0.7%
Silicon	0.1% max
Copper	0.02% max
Nickel	0.003% max
Iron	0.003% max
Total Others	0.3% max
Magnesium	Remainder

	NAME	DATE
Design & Draw:	H.DARABI	11/24/2017
Checked:	A.AKHLAGHI	11/24/2017
Approved:	M.NASRI	11/24/2017
SCALE:	A4	SHEET 1 OF 1