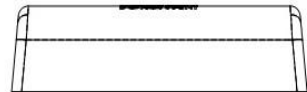
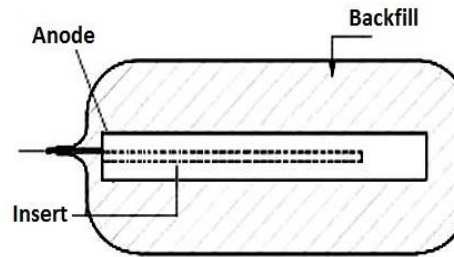
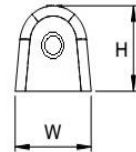
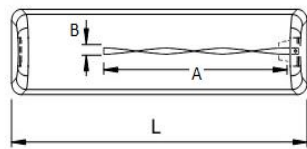


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www.bornagodaz.com  
info@bornagodaz.com

Tel: 02156233929-30  
Fax: 02156230236

Head Office: No. 2, Golbarg 2, Narenjestan Blvd, Shamsabad Industrial City, Qom Old Road, Tehran, Iran

TITLE:

**SACRIFICIAL MAGNESIUM ANODE- 17 LB**

**(High Potential)**

DWG CODE:

**BAMR1L650W90G7700-H**

DOC NO.:

**4-DR-16**

### Specifications & Properties

Anode Dimension (mm)	L=650 ; W=90 ; H=90
Insert	Dimension (mm): A=487 ; B=16 ; T=1.5 Material: Galvanized Steel
Gross Wt. (Kg) (Approx.)	Without Backfill= 7.7 ; With Backfill= 20.5
<input checked="" type="checkbox"/> Cable	Dimension: Shield: acc. To request
<input checked="" type="checkbox"/> Back Fill (%)	Gypsum=75 ; Bentonite=20 ; Sodium Sulphate=5

### Electrochemical Properties of Magnesium Anodes

Acc. To BS 7361

Electrochemical capacity (Ah/kg)	1100
open circuit potential (V) (Respect to CU/CUSO4 Reference Electrode)	-1.7
Efficiency (%)	50

### Chemical Composition of Magnesium Anodes

Acc. To ASTM-B 843

Aluminum	0.01% max
Manganese	0.5-1.3%
Copper	0.02% max
Iron	0.03% max
Nickel	0.001% max
Other	0.05% max
All other	0.3% max
Magnesium	Remainder

**Approved by BORNA GODAZ Co.**

Name & Signature:

*A. Akhlaghi*  
BORNA GODAZ

**Client's Approval**

Name & Signature:

NOTE:

	NAME	DATE
Design & Draw:	A.PAYAMI	06 APR 2015
Checked:	A.AKHLAGHI	06 APR 2015
Approved:	M.NASRI	08 APR 2015
SCALE:	A4	SHEET 1 OF 1