

## Overview

This explosion proof horn speaker is constructed from an anti-static, nylon material, anti-ultraviolet material and is certified for ATEX zone 1 and 2 dust/gas atmospheres. Suitable for petrochemical industry, tunnel, oil rigs, ship, offshore platforms, mines, grain silos and other places. ATEX Certification: Gas explosion – proof area ZONE 1 & ZONE 2. Dust explosion – proof area ZONE 1 & ZONE 2.

## Features

- Compliant with explosion proof standards.
- Zone 1 and 2 ATEX certified for gas and dust explosion.
- Anti-static nylon construction.
- UV stabilised for long term durability in harsh environments.
- Suitable for the petrochemical industry.
- Suitable for grain silos and other areas with explosive vapor potential.
- Compatible with 70/100V systems, providing power taps up to 30 Watts.

## Test Method

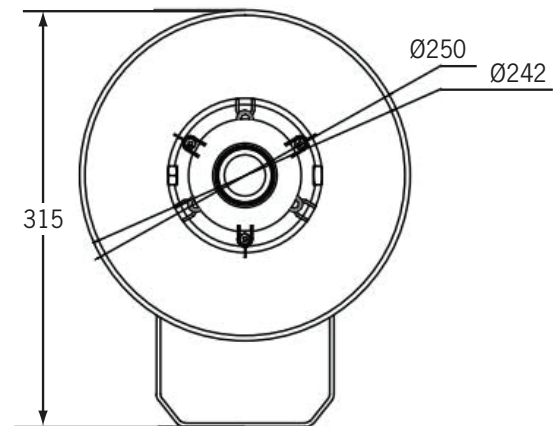
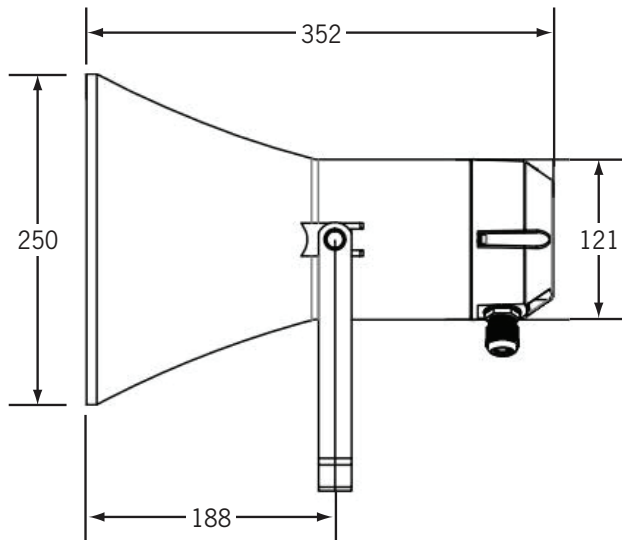
This specification data was measured in an anechoic chamber with the microphone 4m from the speaker under test, according to the AS ISO7240.24. Specifications at 1m were calculated from the measurements at 4m in accordance with AS ISO7240.24.

Reference axis: Axis is on the centre of the grille surface and perpendicular to the grille surface.

Reference plane: Plane is on the grille surface and perpendicular to the reference axis.

Horizontal plane: Plane is containing the reference axis and perpendicular to the reference plane.



**Dimensions (mm) & Transformer Details****Specifications**

Material / Color	Flame retardant antistatic nylon / black
Rated Power Taps	5W/10W/15W/30W
Power Tap Wiring	5W Yellow, 10W Orange, 15W Red, 30W Brown, Black Common.
Built-in Audio Transformer	70V/100V, 5W/10W/15W/30W
Effective frequency range	300 Hz - 8000 Hz.
Ingress protection rating	IP66
Ambient temperature	-40 to +55°.
Relative humidity	10% - 95%
Input AC resistance	8Ω 15%
Sound coil DC resistance	6.4Ω 7%
Explosion-proof standard	EN IEC 60079-0:2018, EN 60079-1:2014, EN IEC 60079-7:2015/A1:2018, EN 60079-31:2014, EN 60079-14:2014
Housing Fasteners	M3 Hex Screws
Dimensions	250Ø x 325Dmm
Weight	4kg