

Horn Speakers

C 2040

10W 100V Weather Proof IP66 Horn Speaker

Overview

The C 2040 is an IP66 rated weatherproof horn speaker designed for indoor or outdoor installations.

Features marine grade stainless steel fixings & mounting bracket. Recommended for use in marine environments; ships, industrial plants and other harsh environmental applications.

Features

- UV stabilised ABS construction.
- Stainless steel mounting hardware.
- Rust-free stainless steel bracket.
- Compact & efficiency design.
- Ideal for use in wet areas.
- Suitable for installation in exposed outdoor areas.
- Five core cable connection.
- **5 year warranty.**

Installation Guidelines

The C 2040 is a 100V line horn speaker designed for direct connection to a commercial amplifier with 100V output. It is fitted with a 300mm 5 core cable. Each coloured cable core is connected to a power tap on the transformer. Selection is made by connecting between common and the required power tap cores.

The speaker is supplied with a stainless steel bracket and fixings ensuring rust-free performance even in harsh environments.

The neutral grey RAL colour of C 2040 provides an architecturally unobtrusive finish to virtually any installation.

REDBACK



About Redback® Speaker Drivers

Each horn speaker has been specifically engineered to ensure a wide frequency range and dispersion angle, plus a high sound pressure level (SPL) ensuring excellent music and speech intelligibility; which is highly desirable.

Redback® drivers exhibit optimum frequency response and efficiency for BGM & paging applications.

Redback® drivers are subject to strenuous factory testing reducing the risk of unit failure or performance reduction over time.

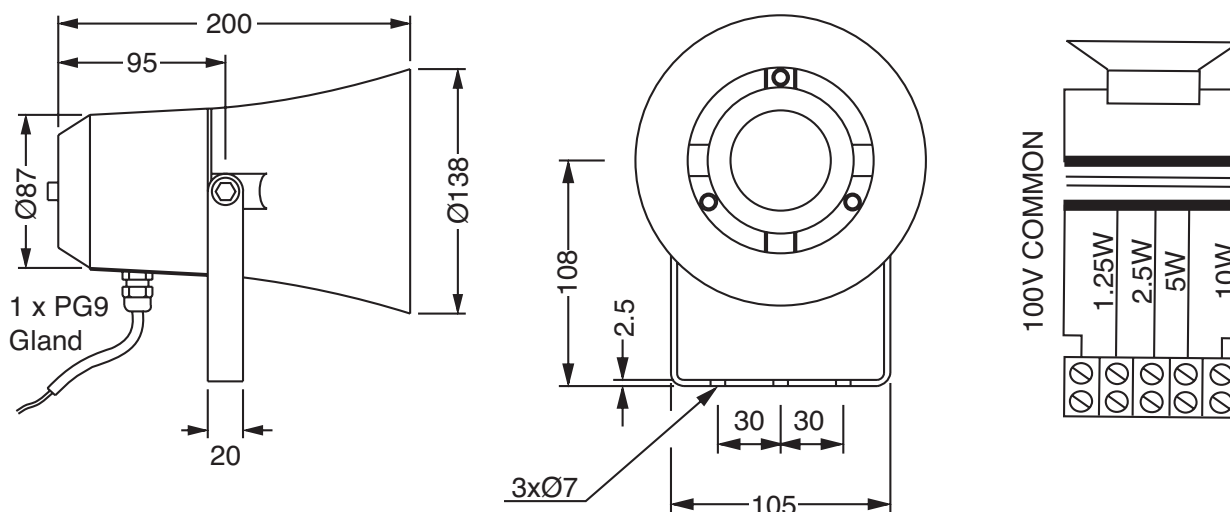
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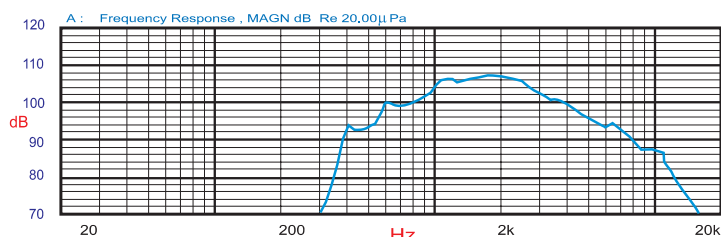
Dimensions (mm) & Transformer Details



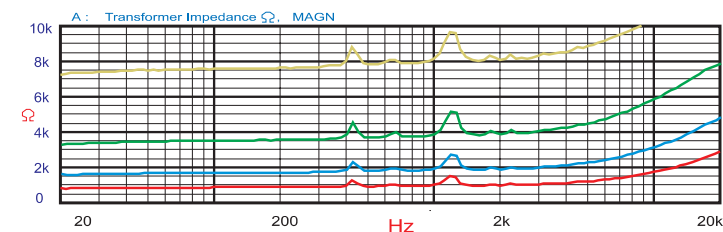
Specifications

Electrical	
Rated power	10 Watts
Power taps	1.25, 2.5, 5 & 10W
Transformer impedance	1k Ω , 2k Ω , 4k Ω , 8k Ω
Driver impedance	20 Ω
Frequency range	400Hz-8kHz
SPL 1W @ 1m	106dB
SPL @ Full power	116dB
Acoustic power dB-PWL	95dB/97dB
1 watt @ 1kHz /2kHz	
Dispersion at 1kHz/2kHz	180°/110°
Directivity axial Q factor 1kHz/2kHz	2.8/6.6
Mechanical	
Dimensions	Ø138 x 200mm
Net weight	1.3kg
Colour	Grey RAL7035
Material	ABS plastic housing with UV inhibitors.
Mounting	Stainless steel U bracket

Frequency Response (SPL 1W @ 1m)



Impedance (horn speaker loaded)



Polar plot

