

Explosion-Proof Horn Speaker DSP-15 EExmNL(T) IIB 100V

The DSP-15 EExmNL(T) IIB 100V Explosion-Proof Horn Speaker is an industrial-grade loudspeaker designed for hazardous environments. Certified by ATEX, IECEx, and INMETRO, it features IP66/67 protection, ensuring high resistance to dust and strong water jets. Constructed with anti-static polyamide, this horn speaker delivers exceptional sound pressure levels up to 122 dB SPL, making it ideal for high-noise industrial applications.

COD EUROSUL: 005269

IMPA: ---

Part Number: DSP-15 EExmNL(T) IIB

Approvals:



Specifications

Features

Material: Black antistatic polyamide

Mounting: Stainless steel or antistatic polyamide bracket

Design: Compact with adjustable U-bracket mounting

Rated/Max power: 25W / 30W

Sound pressure level (SPL): 109 dB at 1W/1m, 122 dB at rated power

Effective frequency range: 380 – 7000 Hz

Dispersion: 100°/30° at 1kHz/4kHz

Applications

Offshore platforms

Refineries and chemical industries

Marine and naval environments

Industrial facilities with explosive atmospheres

Benefits

Readiness: High efficiency for sound propagation in noisy environments

Durability: Robust construction and IP66/67 rating ensure resistance to weather and chemicals

Safety: ATEX, IECEx and INMETRO certifications ensure compliance for explosive atmospheres

Technical Specifications

Material: Black antistatic polyamide

Mounting: Stainless steel or antistatic polyamide bracket

Dimensions: As per technical diagram

Ex classification: II 2G Ex db eb mb IIB+H₂ / IIC T4 Gb (Zone 1) — II 2D Ex tb IIIC T105°C Db (Zone 21)

Protection rating: IP66/67

Model: DSP-15 EExmNL(T) IIB 100V Explosion-Proof Horn Speaker