

TYFONIC ET 500/4-1 Ex Sound Emitter



Ref. no. 245.30.071

The ET 500 / 4-1Ex Explosion proof sound emitter has the soundpressure level output of 122 dBA @ at 1 m distance. Sound emitter modules and base unit are made of anodized aluminium with distance pins of stainless steel. Mast fitting for 3" supporting pipe of galvanized steel. Lifting eye bolt on on the top. Cable connection box in the lowest module. Internal cables are halogen free. Low impedance compression elements with high acoustic efficiency. The acoustic pressure chamber is isolated from the environment via a special filter (sinter metal made of bronze). The housing conforms to protection degree IP 66. The sound emitter is designed for zone 1 and category 2. Explosion protection class EEx de IIB+H₂ T4. The sound emitter complies with Directive 94/9/EC.

Technical Data Sound Emitter Tyfonic ET 500/4-1 Ex

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Acoustical Characteristics

Sound Pressure Level @ 1 m, LpA
Directivity
Fundamental Frequency
Frequency Response, f

Rating

122 dB
Omni directional radiation
370 Hz
240-2500 Hz +/- 3 dB

Electrical Characteristics

Number of sound modules and compr. elements
Power input
Resistance per element
Cable gland
Cable diameter
Connection terminals

Rating

4 pcs
4 x 40 W
6,2 ohm
M20
6...12 mm
4 x 4 mm²

Environmental Characteristics

Material of sound module
Colour of sound module
Material, mast foot
Suitable mast pole
Operating Temperature
Storage Temperature
Degree of Protection, EN 50014
Protection class
Group
Category
Atmosphere
Zone
Temperature class

Rating

Anodized aluminum
Natural
Galvanized steel
3" pipe (outer diameter 89 mm)
- 50 to + 50°C
- 50 to + 85°C
IP 66
EEx de IIB+H₂T4
II
2G
IIB + H₂
1
T4

Size and Weight

Diameter
Height
Weight

Rating

500 mm
1400 mm
42 kg

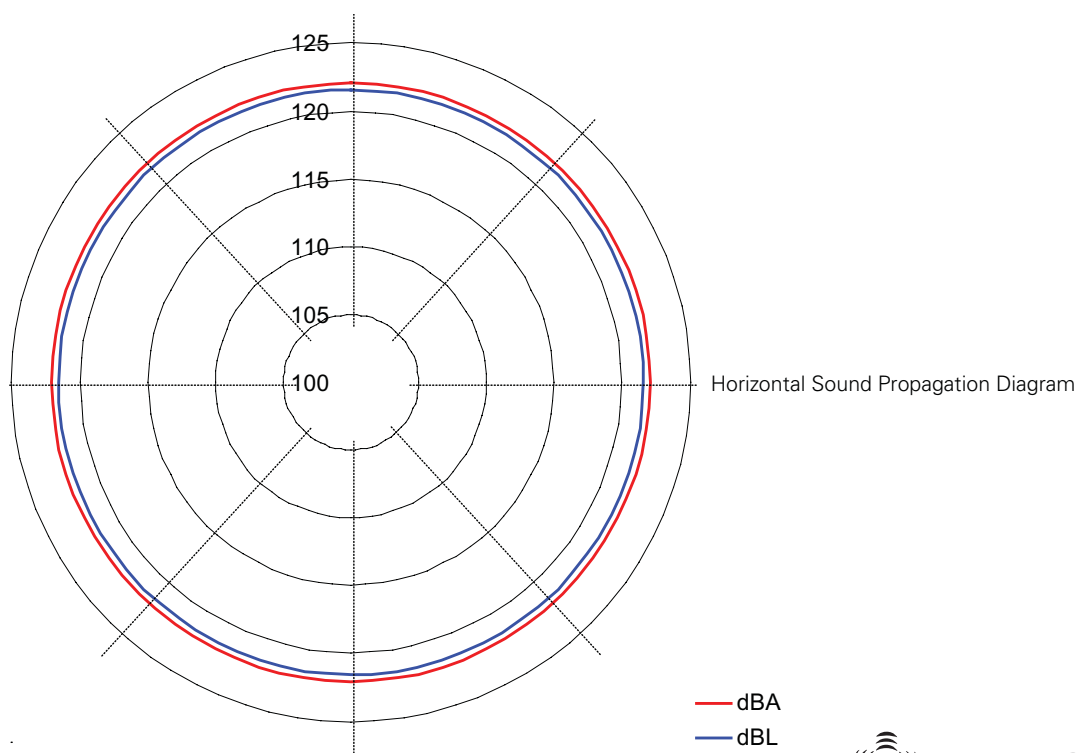
Norm Conformity

94/9/EC, 73/23/EEC and 89/336/EEC

Spare parts List

Compression. Element

Ref. no. 20620026



— dBA
— dBL