

# HS15EExmN/(T)

Explosion-proof 15W loudspeaker

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AC4903/1103

v1-0211

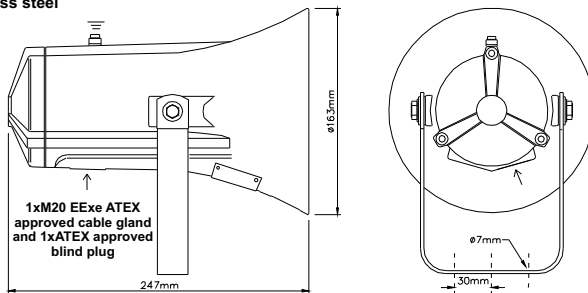
## Installation, Operation and Maintenance Procedures

- When mounting the loudspeaker please ensure that it is re-assembled in the same manner in which it was received. Fasten the bracket with 1-3 screws and ensure to use all washers in the intended position. (To isolate the main body from the bracket)
- To change the position of the loudspeaker please adjust the bracket (by loosening / tightening the screws) as required.
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- Use only certified/specified cable glands and blanking plugs.
- Do not open loudspeaker when energized.
- The aluminum surface of the loudspeaker should be regularly treated with paint at the same interval as with other similar outdoor equipment.
- Fasten lid with a torque of 2 - 3 Nm to assure the IP rating.
- If the Ex-loudspeakers is to be earthed, it must be done correctly using the specially marked screws.
- This loudspeaker is supplied with a 2 year warranty against defective workmanship.



(HS15EExmN(T) 60°C must be used with certified cable gland for temperatures up to 90°C)  
 Most of our products are available in different colors, impedances and power ratings.

Bracket and all outside nuts and bolts in stainless steel



Certified by / Certification code / Number: NEMKO / EEx de IIB+H<sub>2</sub> T5 / ATEX 201  
 Certified by / Certification code / Number: NEMKO / EEx de IIC T5 / ATEX 201

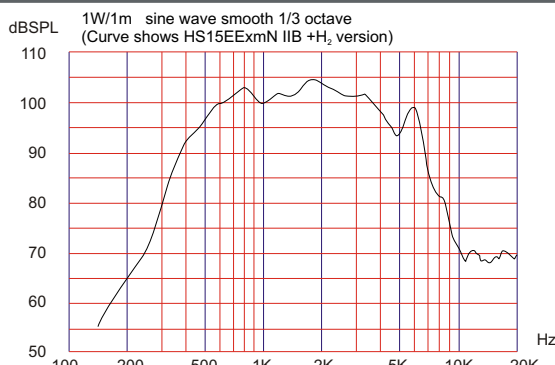


Transformer:  
 100 Volt line

From speaker:  
 White to black  
 Primary nominal tapings:  
 1 : 2 15,0 W  
 1 : 3 10,0 W  
 1 : 4 7,5 W

From speaker:  
 White to white  
 Primary nominal tapings:  
 1 : 2 4,0 W  
 1 : 3 2,6 W  
 1 : 4 2,0 W

1 = Red, 2 = Yellow, 3 = Green, 4 = Blue



	IIB	IIC
Material / Colour .....	Aluminum alloy (LM-6) / RAL7031	
Mounting .....	Bracket	
Termination .....	e-chamber, screw terminals	
Weight .....	2,8 kg	
IP-rating .....	67	
Max. / min. amb. temp .....	60°C / -50°C	
Standard version .....	100 V transformer	
Rated / max. power .....	15 W / 15 W	
SPL 1W/1m .....	105 dB	101 dB
SPL rated power .....	116 dB	113 dB
Effective freq. range .....	410 ÷ 7000 Hz	420 ÷ 7000 Hz
Dispersion (-6dB) 1kHz / 4kHz .....	140 ° / 40°	105° / 35°