



# DNH<sup>AS</sup>

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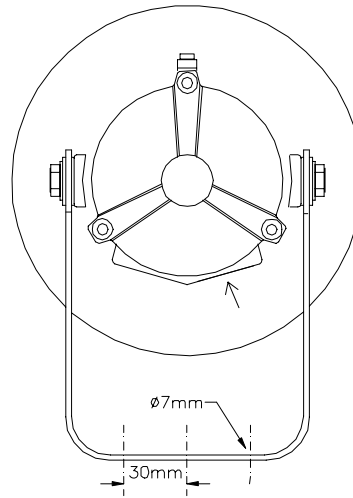
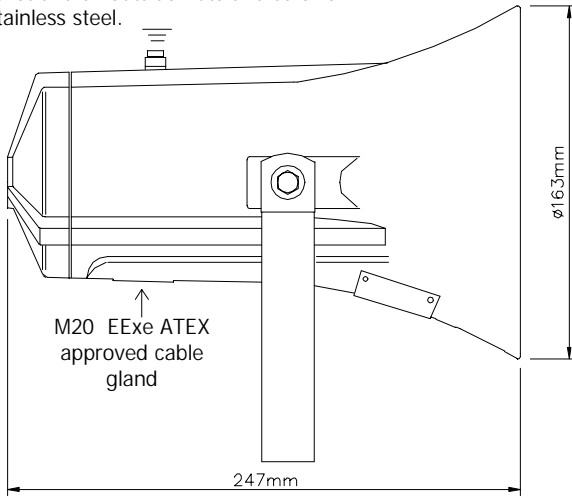
ISO 9001 CERTIFIED

## HS-15 EExmN(T)

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Bracket and all outside nuts and screws in stainless steel.



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

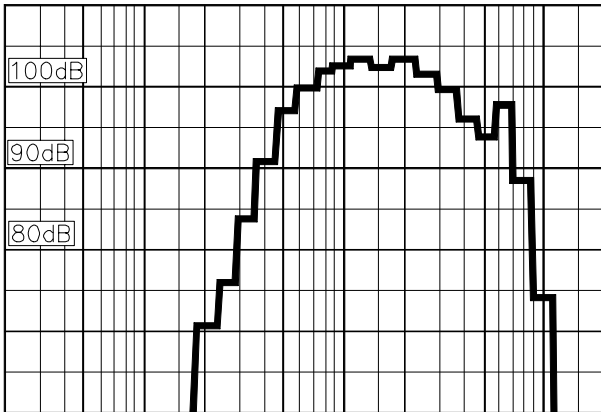
1 = Red, 2 = Yellow  
 3 = Green, 4 = Blue

Certified by / Certification code / Number:  
 Certified by / Certification code / Number:

NEMKO / EEx de IIB+H<sub>2</sub> T5 / ATEX 201  
 NEMKO / EEx de IIC T5 / ATEX 201



1W/1m Pink Noise 1/3 octave bands  
 (Curve shows H-15 EExmN IIB+H<sub>2</sub> version)



	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 / -20°C	
Standard version .....	100 V transformer	
Rated / max. power .....	15 W / 15 W	
SPL 1W/1m.....	104 dB	100 dB
SPL rated power .....	116 dB	113 dB
Effective freq. range .....	410 – 7000 Hz	500-6000
Dispersion (-6dB) 1kHz / 4kHz.....	140° / 40°	105° / 35°
Directivity factor, Q.....		

### 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.
- 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 loudspeaker should be checked on a regular basis to avoid any build up of debris.
- Fasten lid with a torque of 2 - 3 Nm.
- Ex-loudspeakers must be earthed correctly using the specially marked screws.
- This loudspeaker is supplied with a 2 year warranty against defective workmanship.

(HS-15 EExmN(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.



DNH reserves the right to alter specifications without notice.

Rev. 20.01.2003