



DNH^{AS}

N-3770 Kragerø
NORWAY

HS-8 EExmN(T)

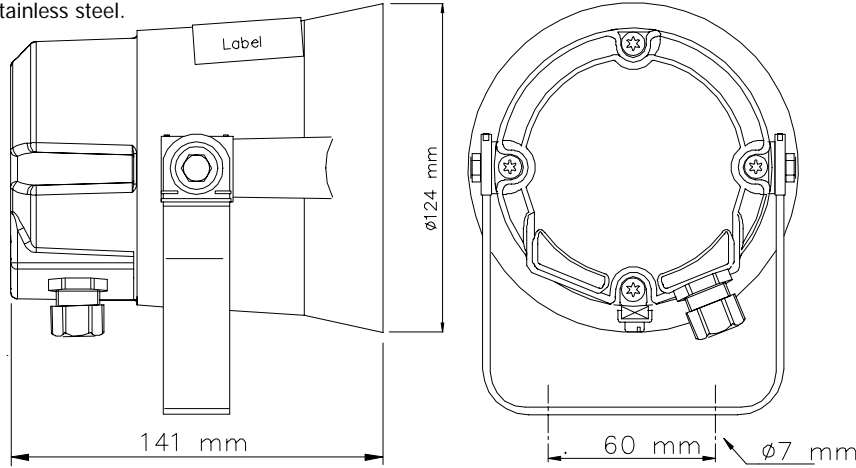


PUBLIC ADDRESS & PROFESSIONAL AUDIO

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ISO 9001 CERTIFIED

Bracket and all outside nuts and screws in stainless steel.

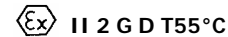


Transformer:
100 V line (70V, 50V)

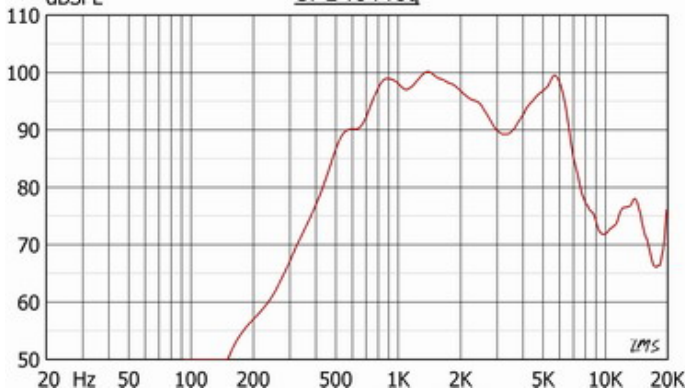
Primary nominal tapings:
1 : 2 8,0 W
1 : 3 4,0 W
1 : 4 2,0 W

1 x M20 EExe ATEX approved cable gland and 1 x M20 EExe ATEX approved blind plug
Cable diameter 8 - 13 mm

Certified by / Certification code / Number: NEMKO / EEx dem IIB+H₂ T6 / 01 ATEX 297
Certified by / Certification code / Number: NEMKO / EEx dem IIC T6 / 01 ATEX 297



1W/1m sine wave smooth 1/3 octave
dB SPL SPL vs Freq



IIB IIC

Material / Color	Aluminum alloy SS4263 / RAL 7031	
Mounting	Bracket	
Termination	e-chamber, screw terminals	
Weight w/ transformer	1,8 kg	
IP-rating (UL equivalent)	67	
Max / min amb temp	50 °C / -50 °C	
Rated / max. power	8 W / 8 W	
SPL 1W/1m.....	100 dB	94 dB
SPL rated power	108 dB	102 dB
Effective freq range.....	600 – 6500 Hz	700-7000
Dispersion (-6dB) 1kHz / 4kHz	160° / 45°	105° / 35°
Options	Impedances, colors, labels	

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 2 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 loudspeaker should be checked on a regular basis to avoid any build up of debris.
- 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-loudspeaker 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 materials and workmanship.



DNH reserves the right to alter specifications without notice.

Rev. 09.02.2007