



DNH^{AS}

N-3770 Kragerø
NORWAY

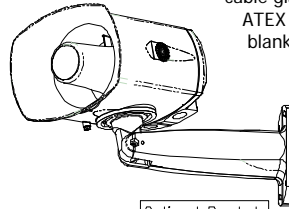
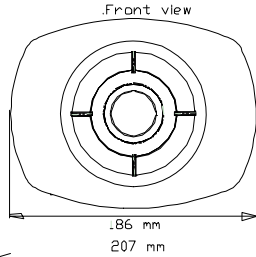
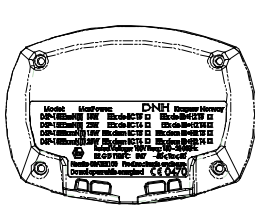
DSP-15 EExeN(T)

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ISO 9001 CERTIFIED



Delivered with 1 x M20 EExe ATEX approved cable gland and 1 x ATEX approved blanking plug.

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

HIGH primary tapings: Yellow to black (4)
1 : 2 15,0 W
1 : 3 7,5 W

LOW primary tapings: Yellow to white (4)
1 : 2 4,0 W
1 : 3 2,0 W

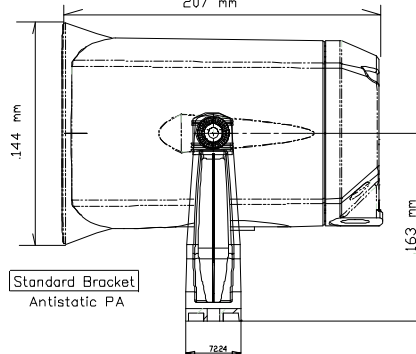
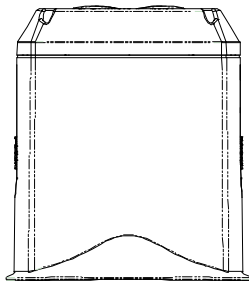
1 = Red, 2 = Yellow
3 = Blue

Cable dia: 10 – 15mm

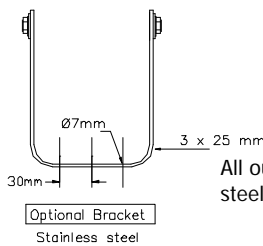
Loop in / Loop out



All outside nuts and screws in stainless steel.



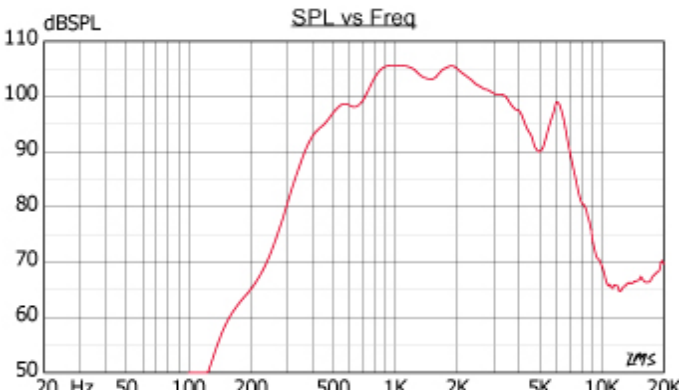
Optional Bracket
Antistatic plastic



Optional Bracket
Stainless steel

DSP-15EExeN(T) EEx de IIB + H₂T5 or EEx de IIC T5 -50° C ≤ Ta ≤ 50° C 15W, 150-20000Hz
DSP-15EExeN(T) EEx de IIB + H₂T4 or EEx de IIC T4 -50° C ≤ Ta ≤ 50° C 25W, 150-20000Hz
DSP-15EExmN(T) EEx dem IIB + H₂T5 or EEx dem IIC T5 -50° C ≤ Ta ≤ 50° C 15W, 150-20000Hz
DSP-15EExmN(T) EEx dem IIB + H₂T4 or EEx dem IIC T4 -50° C ≤ Ta ≤ 50° C 25W, 150-20000Hz

Sound pressure levels at different frequencies at 1W/1m sine wave



	IIB	IIC
Material / Color	Anti-static PA / Black	
Mounting	Bracket	
Termination	e-chamber, screw terminals	
Weight w/ transformer	2,2 kg	
IP-rating	67	
Max / min amb temp	50°C / -50°C	
Rated / max. power	15 W / 15 W	
SPL 1W/1m.....	105 dB	102 dB
SPL rated power	116 dB	113 dB
Effective freq range.....	410 – 7000 Hz	500-6000
Dispersion (-6dB) 1kHz / 4kHz	200° / 50°	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 bracket with 1-3 screws.
- To change the position of the loudspeaker, please adjust the standard U- bracket (by loosening / tightening the screws) as required.
- DSP-15 EExeN/T can be supplied with 3 different bracket systems, according to customer requirements.
- DSP-15EExeN/T can be delivered as 25W version with transformer.
- 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.
- Fasten lid with a torque of 2 - 3 Nm.
- This loudspeaker is supplied with a 2 year warranty against defective materials and workmanship.



DNH reserves the right to alter specifications without notice.

Rev. 11.02.2008