DNH

DSP-15EExmN(T)

ISO 9001 CERTIFIED

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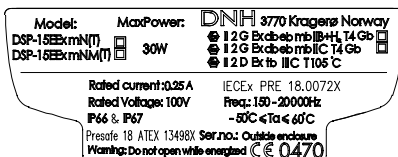Phone… + 49 040 6569 30-0
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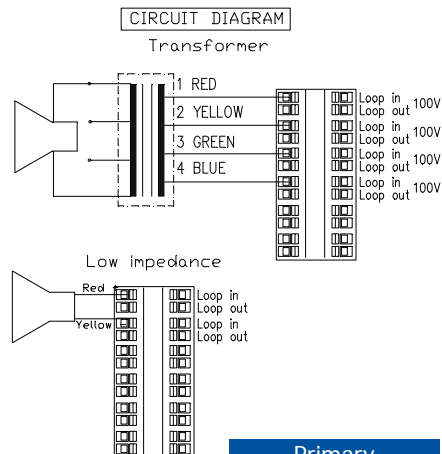
Rear view

Optional Bracket
Stainless steel

Standard Bracket
Anti-static PA
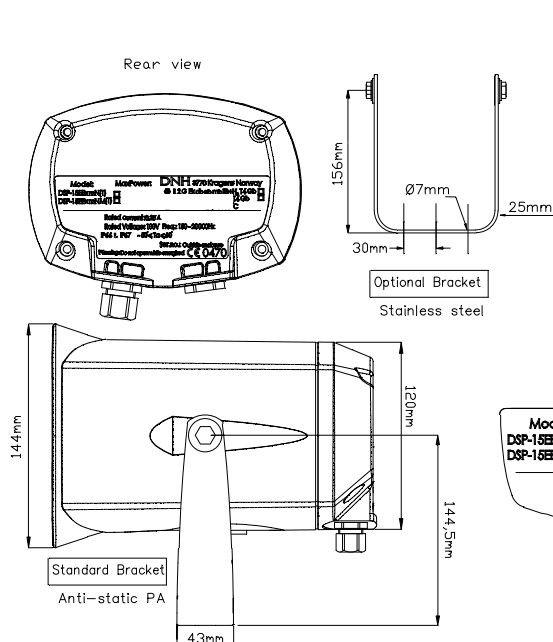
All outside nuts and screws in stainless steel

Standard model delivered with two M20
Ex approved plastic blinding plugs

CIRCUIT DIAGRAM
Transformer

Low impedance

Primary nominal tappings	
1 : 2	25,0 W
2 : 3	15,0 W
3 : 4	6,5 W
1 : 3	5,0 W
2 : 4	2,5 W
1 : 4	1,5 W

Sound pressure levels at 1W/1m

SPL vs Freq
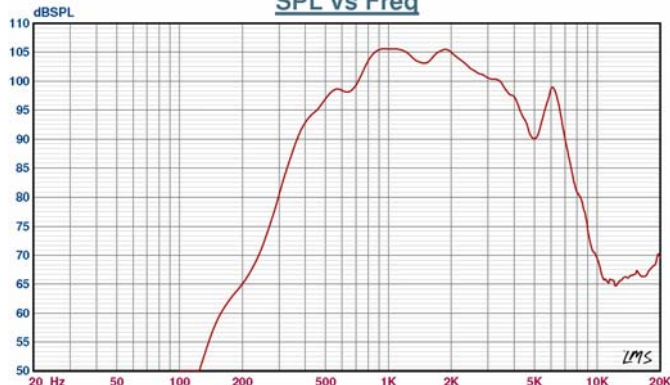
Specifications	IIB	IIC
Material / Color	Anti-static PA / Black	
Mounting	Bracket	
Termination	e-chamber, push terminals	
Weight w/transformer	2,2 kg	
IP-rating	66 / 67	
Max. / min. amb. temp	60°C / -50°C	
Rated / max. power	25 W / 30 W	
SPL 1W/1m	106 dB	104 dB
SPL rated power	118 dB	115 dB
Effective freq. range	380 – 8000 Hz	450-7000
Dispersion (-6dB) 1kHz / 4kHz	120° / 37°	105° / 35°
Directivity factor,Q 1kHz/4kHz	4,5 / 9,6	
Options	Impedances, labels, transformers	

Installation, Operation and Maintenance Procedures

- Remove lid by four screws, lead cable through the cable gland and connect to terminal with required tapping.
- Check that the gasket is fitted correctly on to the lid. Do not use any lubricants on the gasket.
- Every time the back lid is removed for inspection, check that the gasket is fitted correctly to the lid before you refit the back lid. Do not use any lubricants on the gasket.
- Screw lid back into place by four screws with a torque of 1,8Nm to assure the IP rating.
- To change the position of the loudspeaker, please adjust the standard U- bracket (by loosening / tightening the screws) as required.
- Use only certified/specified cable glands and blanking plugs reflecting the same IP rating and temperature range as the loudspeaker.
- Standard model delivered with two M20 Ex approved plastic blinding plugs.
- DSP-15EExmN(T) can be supplied with three different bracket systems, according to customer requirements.
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- Do <u>not</u> open loudspeaker when energized.
- This loudspeaker is supplied with two years warranty against defective workmanship.

DNH reserves the right to alter specifications without notice

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