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ISO 9001 CERTIFIED

DSP-15EExmNL(T)

Rear view

Optional Bracket
Stainless steel

Standard Bracket
Antistatic PA

CIRCUIT DIAGRAM

Transformer

Low impedance

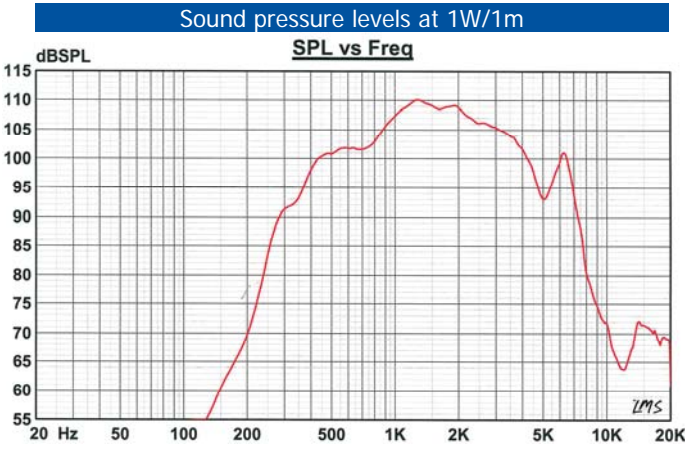
All outside nuts and screws in stainless steel

Model: MaxPower: DNH 3770 Kragers Norway
 DSP-15EExmNL(T) 30W
 DSP-15EExmNL(T) 12 G Ex d emb IIC T4 Gb
 12 G Ex d emb IIC T4 Gb
 12 D Ex fb IIC T105 C

Rated current: 0.25 A IECEx NEM 05.0005X
 Rated Voltage: 100V Freq: 100-20000Hz
 IP66 & IP67 -50C < Ta < 60C
 Nemko 09ATEX1322X Ser.no.: Outside enclosure
 Warning: Do not open while energized CE 0470

Primary nominal tapings	
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

Standard model delivered with two M20
Ex approved plastic blinding plugs



Specifications	IIB	IIC
Material / Color	Anti-static PA / Black	
Mounting	Bracket	
Termination	e-chamber, push terminals	
Weight w/transformer	2,8 kg	
IP-rating	66 / 67	
Max. / min. amb. temp	60°C / -50°C	
Rated / max. power	25 W / 30 W	
SPL 1W/1m	109 dB	106 dB
SPL rated power	122 dB	119 dB
Effective freq. range	380 – 7000 Hz	400-7000
Dispersion (-6dB) 1kHz / 4kHz	100° / 30° horizontal	73° / 33°
Options	Impedances, labels	

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.
- Screw lid back into place by four screws with a torque of 1,8 Nm 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 blinding plugs, reflecting the same IP rating and temperature range as the loudspeaker.
- Standard model delivered with two M20 Ex approved plastic blinding plugs.
- DSP-15 EExmNL(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 not open loudspeaker when energized.
- This loudspeaker is supplied with a two years warranty against defective workmanship.



DNH reserves the right to alter specifications without notice