

TECHNICAL SPECIFICATIONS

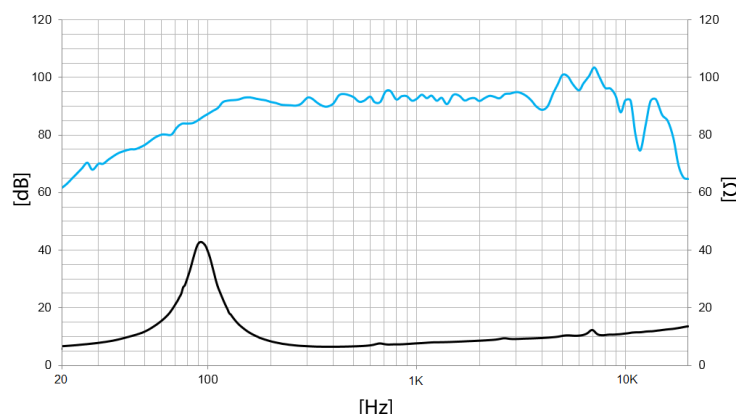
Nominal diameter	165 mm	6,5 in
Rated impedance		8 Ω
Minimum impedance		6,4 Ω
Power capacity ¹		200 W _{AES}
Program power ²		400 W
Sensitivity	93 dB	1W / 1m @ Z _N
Frequency range		95 - 11.200 Hz
Voice coil diameter	50,8 mm	2 in
BI factor		11,1 N/A
Moving mass		0,019 kg
Voice coil length		14 mm
Air gap height		7 mm
X _{damage} (peak to peak)		20 mm

THIELE-SMALL PARAMETERS³

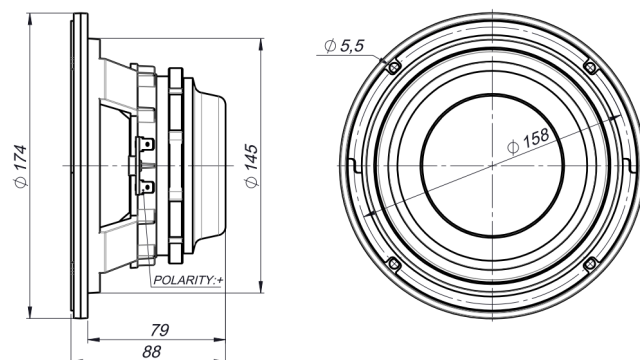
Resonant frequency, f _s	94 Hz
D.C. Voice coil resistance, R _e	4,8 Ω
Mechanical Quality Factor, Q _{ms}	3,8
Electrical Quality Factor, Q _{es}	0,43
Total Quality Factor, Q _{ts}	0,39
Equivalent Air Volume to C _{ms} , V _{as}	3,9 l
Mechanical Compliance, C _{ms}	152 μ m / N
Mechanical Resistance, R _{ms}	2,9 kg / s
Efficiency, η_0	0,7 %
Effective Surface Area, S _d	0,014 m ²
Maximum Displacement, X _{max} ⁴	6 mm
Displacement Volume, V _d	74 cm ³
Voice Coil Inductance, L _e	0,2 mH

MOUNTING INFORMATION

Overall diameter	174 mm	6,8 in
Bolt circle diameter	158 mm	6,2 in
Baffle cutout diameter:		
- Front mount	145 mm	5,7 in
Depth	96 mm	3,8 in
Net weight	1,9 kg	4,2 lb
Shipping weight	2 kg	4,4 lb



Note: On axis frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1W @ 1m



Notes:

¹ The power capacity is determined according to AES2-1984 (r2003) standard.

² Program power is defined as power capacity + 3 dB.

³ T-S parameters are measured after an exercise period using a preconditioning power test. The measurements are carried out with a velocity-current laser transducer and will reflect the long term parameters (once the loudspeaker has been working for a short period of time).

⁴ The X_{max} is calculated as (L_{vc} - H_{ag})/2 + (H_{ag}/3,5), where L_{vc} is the voice coil length and H_{ag} is the air gap height.