

Model Series: BFM
Model No.: N/A

Driver Specification Sheet

Rev: 1
Updated: Sep-14-2026

Description: Pro,8 inch LF woofer,35mm voice coil,Ferrite motor,Cloth surround+Paper cone,Steel basket, 4 ohms

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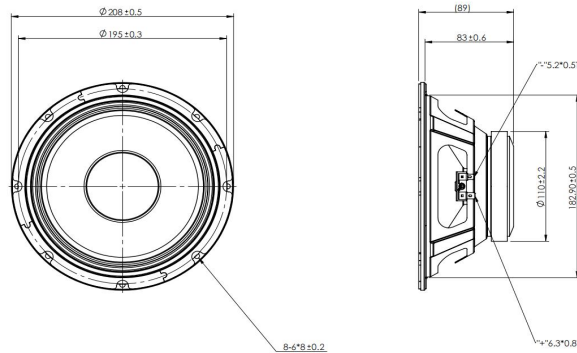
Features

- * Cost-effective design for PA systems such as Clubs, Portable music systems
- * Rated power (AES): W
- * Program power: W
- * 95 dB Sensitivity
- * Optimized-design motor system by Ferrite
- * Optimized-design for suspension



2D Drawing

3D drawing download here: <https://dcspeakers-pro.com>



Specification

DC Resistance	R_{evc}	Ω	3.20	$\pm 7.5\%$	Energy Bandwidth Product	EBP	$(1/Q_{\text{es}})f_s$	93.77
Minimum Impedance	Z_{min}	Ω	3.36	$\pm 7.5\%$	Moving Mass	M_{ms}	g	20.71
Voice Coil Inductance	L_e	mH	0.14		Suspension Compliance	C_{ms}	um/N	427.85
Resonant Frequency	f_s	Hz	53.45	$\pm 15\%$	Effective Cone Diameter	D	cm	16.60
Mechanical Q Factor	Q_{ms}	-	3.48		Effective Piston Area	S_D	cm ²	216.42
Electrical Q Factor	Q_{es}	-	0.57		Equivalent Volume	V_{as}	L	28.14
Total Q Factor	Q_{ts}	-	0.49		Motor Force Factor	BL	T·m	6.25
Ratio f_s / Q_{ts}	F	f_s / Q_{ts}	109.08		Motor Efficiency Factor	β	$(T \cdot m)^2 / Q$	12.21
Half Space Sensitivity @ 2.83V	dB @ 2.83V/1m	dB	90.60	$\pm 2 \text{ dB}^1$	Voice Coil Former Material	VCfm	-	TIL
Sensitivity @ 1W / 1m	1W/1m	dB	90.60	$\pm 2 \text{ dB}^1$	Voice Coil Inner Diameter	VCd	mm	35.50
					Gap Height	Gh	mm	4.00
Rated Noise Power	60Hz~600Hz	W	250.00	AES STD	Maximum Linear Excursion	Xmax	mm	3.45
Test Spectrum Bandwidth	60Hz~600Hz		12dB/oct		Ferrofluid Type	FF		N/A
					Transducer Mass	-	Kg	1.45 $\pm 5\%$

1 - Measured by MLSSA

2 - Ambient measurement conditions are controlled as follows: 25°C $\pm 5^\circ\text{C}$, 60% RH $\pm 20\%$

3 - Xmax is derived from (voice coil winding width-gap depth)/2

Frequency & Impedance Response

