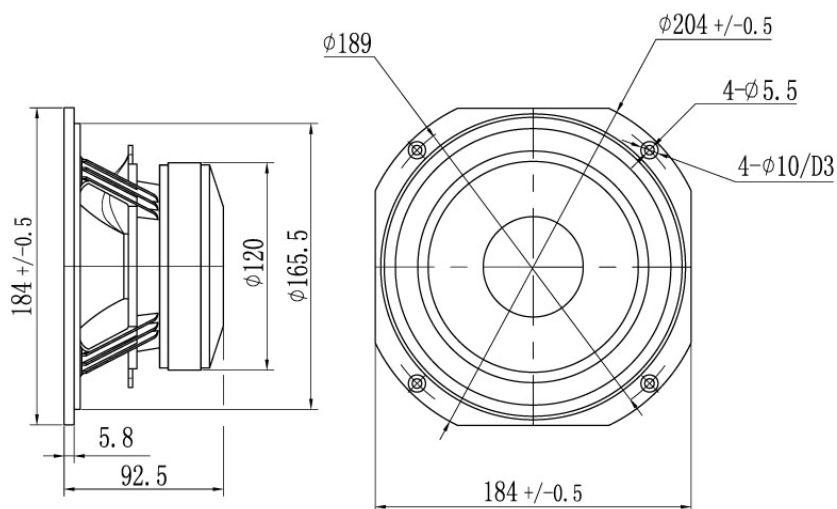
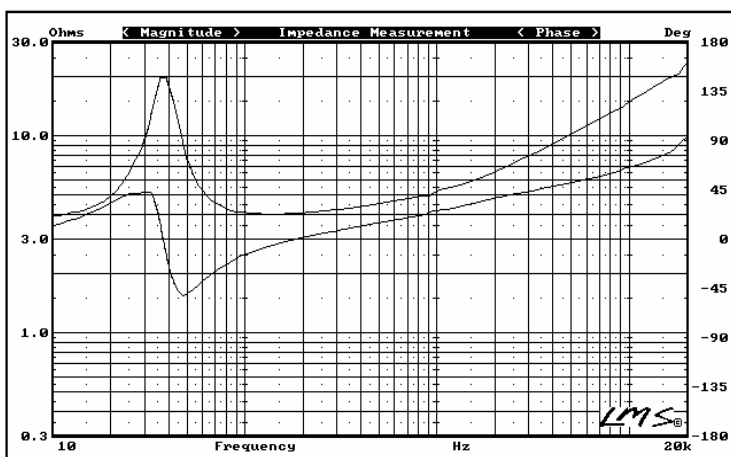
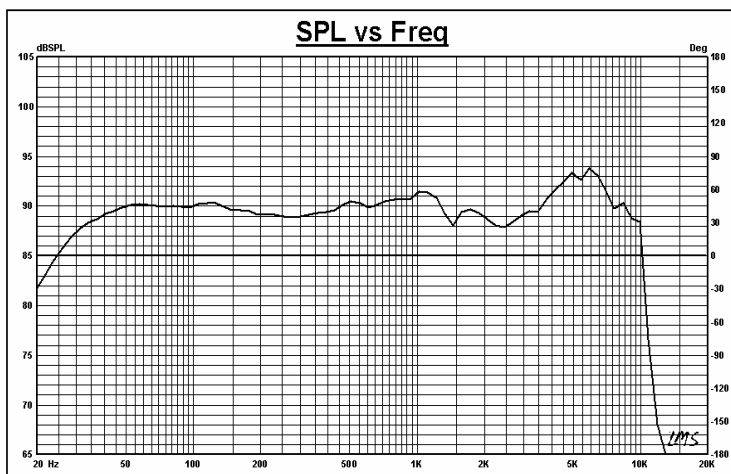


# AC-180F1D Mid/woofer



- Feature:**
- Composite cone of carbon fiber and polypropylene.
  - Al-alloy frame.
  - 35mm / 1.38" flat CCAW double voice coils, Kapton voice coil bobbin.

Nominal power	P	100	W
Sensitivity 1W/1m	SPL	87/90	dB
Nominal impedance	Z	2 $\times$ 8	$\Omega$
Frequency range	-	37~6000	Hz
Resonance frequency	F0	37	Hz
DC resistance	Re	6.8/3.4	$\Omega$
Mechanical quality factor	Qms	3.47	-
Electrical quality factor	Qes	0.71	-
Total quality factor	Qts	0.59	-
Equivalent volume of air	Vas	77	L
Moving mass	Mms	14.9	g
Effective piston area	S	168	cm <sup>2</sup>
Mechanical suspension compliance	Cms	1.93	mm/N
BL product	BL	3.3	N/A
Flux density	B	1.13	T
Voice coil diameter	$\Phi$	35	mm
Voice coil height	H	17	mm
Voice coil inductance	Lbm	2 $\times$ 0.2	mH
Linear excursion	Xmax	$\pm$ 6	mm
Magnet diameter	$\Phi$	120	mm
Magnet height	H	20	mm
Frame	-	Aluminum	-
Net weight	M	2.20	kg
Outer dimensions	-	184 $\times$ 184/ $\phi$ 204	mm
Cutout dimensions	$\Phi$	169	mm
Flange thickness	T	5.8	mm
Overall depth	D	92.5	mm



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