

Signature

S 690S

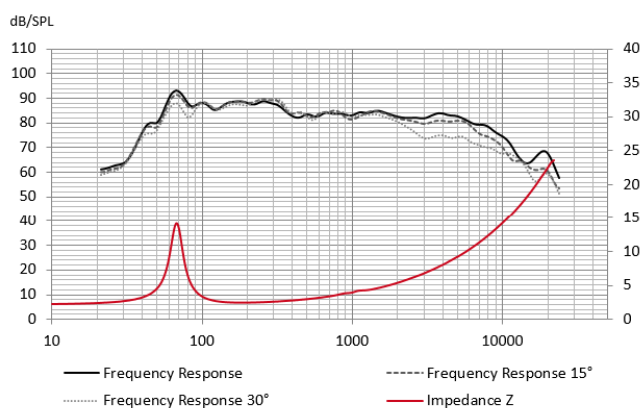
HIGH SENSIBILITY SLIM SHALLOW WOOFER

- Woofer 6 x 9" (150 x 230 mm)
- Max power 150 W / Nom. power 75 W
- Frequency response 60 Hz - 8 KHz
- Sensitivity 94.2 dB
- Impedance 3 Ohms

TECHNICAL SPECIFICATIONS

Component	Woofer	
Max power	150 W	
Nominal power	75 W	
Impedance	3 Ω	
Freq. Response	60 Hz - 8 KHz	
Sensitivity (2,83V/1m)	93,2 dB	
Magnet	Neodimium	
Magnet size $\varnothing$ x h	78 x 18 mm	3,071" x 0,709"
Total driver displacement	0,3 l	0,011 cf
Weight of one component	0.00074 kg	0.002 lb
Voice coil $\varnothing$	34 mm	1.339"
Voice coil height	12 mm	0.472"
Cone	Carbon fiber	

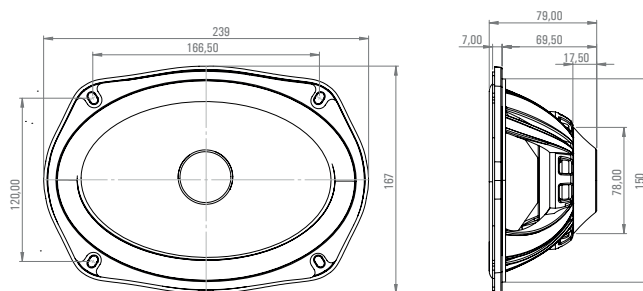
FREQUENCY RESPONSE / IMPEDANCE



Driven by passion.



Unit: mm



THIELE-SMALL PARAMETERS

effective $\varnothing$ (d)	130 mm
Sd	212.78 cm ²
Xmax	6 mm
Re	2.1 Ω
Fs	67.38 Hz
Le	350.00 μ H @ 1 kHz
L2	190.00 μ H @ 10 kHz
Vas	14.6461 L
Mms	24.083 g
Cms	0.2316 m/N
BL	4.54 Tm
Qts	0,89
Qes	1.04
Qms	6.52
Sensitivity (dB/W/m)	88.38 dB