

Signature

S 6.300

HIGH POWER WOOFER

- Woofer 6-1/2" (165 mm)
- Max power 250 W / Nom. power 125 W
- Frequency response 60 Hz - 5 kHz
- Impedance 2 Ω

Die cast aluminium basket - Ultra rigid carbon fiber cone - NBR surround - Long life "Conex" spider - 38 mm (1.5") voice-coil on fiberglass former - Oversized 100 mm x 20 mm magnetic motor - Gold-plated terminal



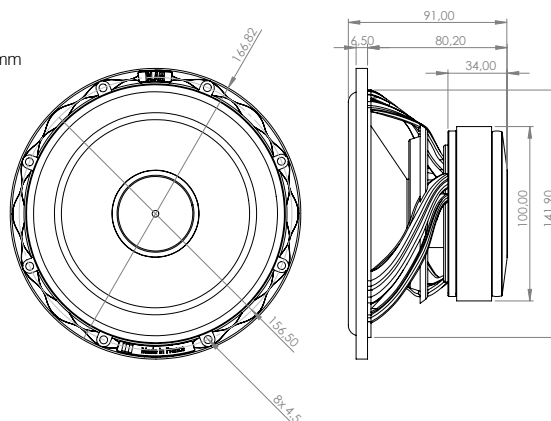
Driven by passion.



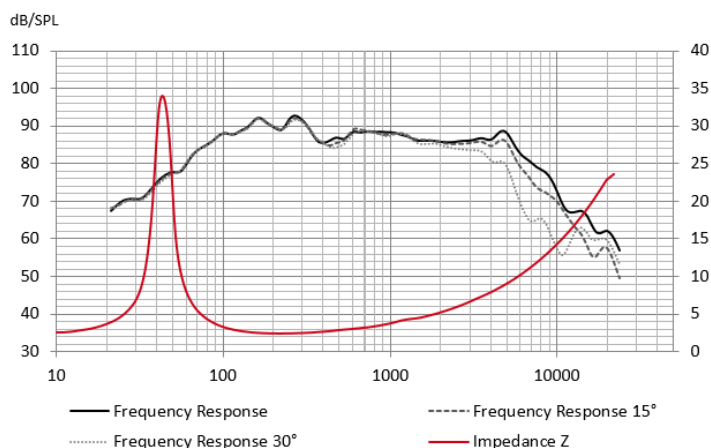
TECHNICAL SPECIFICATIONS

Component	Woofer	
Max power	250 W	
Nominal power	125 W	
Impedance	2 Ω	
Freq. Response	60 Hz - 5 KHz	
Sensitivity (2,83V/1m)	93,7 dB	
Magnet	Ferrite	
Magnet size $\varnothing$ x h	100 x 20 mm	3,937 "x 0,787 "
Total driver displacement	0,3 l	0,011 cf
Weight of one component	1,037 kg	2,286 lb
Voice coil $\varnothing$	38 mm	1,496"
Voice coil height	17 mm	0,669"
Cone	Carbon fiber	

Unit : mm



FREQUENCY RESPONSE / IMPEDANCE



THIELE-SMALL PARAMETERS

effective $\varnothing$ (d)	128 mm
Sd	128,68 cm ²
Xmax	6 mm
Re	2 Ω
Fs	43.95 Hz
Le	340 μ H @ 1 kHz
Le	190 μ H @ 10 kHz
Vas	19.07 L
Mms	15.9 g
Cms	0,8249 m/N
BL	4,47 Tm
Qts	0,42
Qes	0,44
Q0ms	10.43
Sensitivity (dB/W/m)	87.69 dB