

Signature

WS 6.100

High power woofer

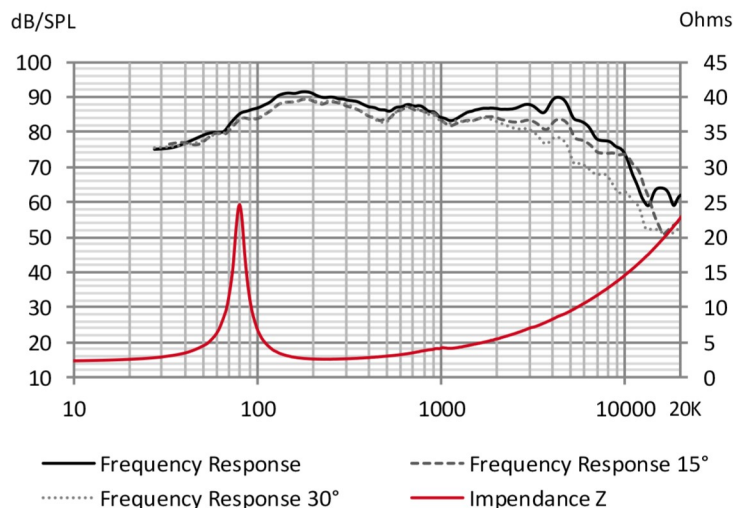
- Woofer 6-1/2" (165 mm)
- Max power 250 W / Nom. power 125 W
- Frequency response 50 Hz - 5 KHz
- Impedance 2 Ohms

Die cast aluminium basket - Ultra rigid carbon fiber cone - NBR surround - Long life « conex » spider - 38 mm Voice Coil, fiber glass former - 100 mm x 20 mm Oversized Magnetic motor - Machined aluminum phase plug - Gold-plated terminal.

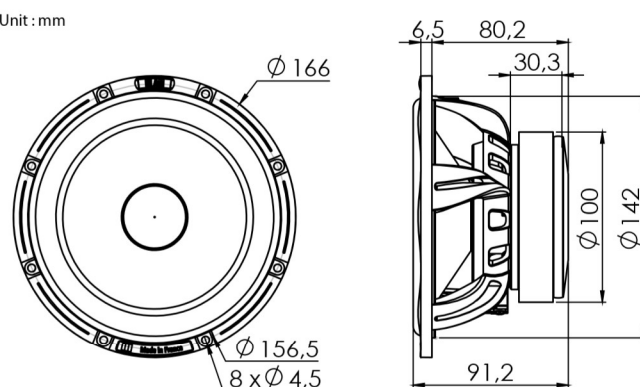
TECHNICAL SPECIFICATIONS

Component	Woofer	
Max power	250 W	
Nominal power	125 W	
Impedance	2 Ω	
Freq. Response	50 Hz - 5 KHz	
Sensitivity (2,83V/1m)	93,2 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	1,81 kg	2,756 lb
Voice coil $\varnothing$	38 mm	1,496 "
Voice coil height	17 mm	0,669 "
Cone	Carbon fiber	

FREQUENCY RESPONSE / IMPEDANCE



Unit : mm



THIELE-SMALL PARAMETERS

effective $\varnothing$ (d)	128 mm
Sd	128,68 cm ²
Xmax	6 mm
Re	2,1 Ω
Fs	79,43 Hz
Le	117,05 μ H @ 1 kHz
Le	285,19 μ H @ 10 kHz
Vas	6,6 L
Mms	14,16 g
Cms	0,000284 m/N
BL	4,59 Tm
Qts	0,74
Qes	0,81
Q0ms	7,86
Sensitivity (dB/W/m)	87,4 dB