

10 V 6412

10" Polyglass® woofer



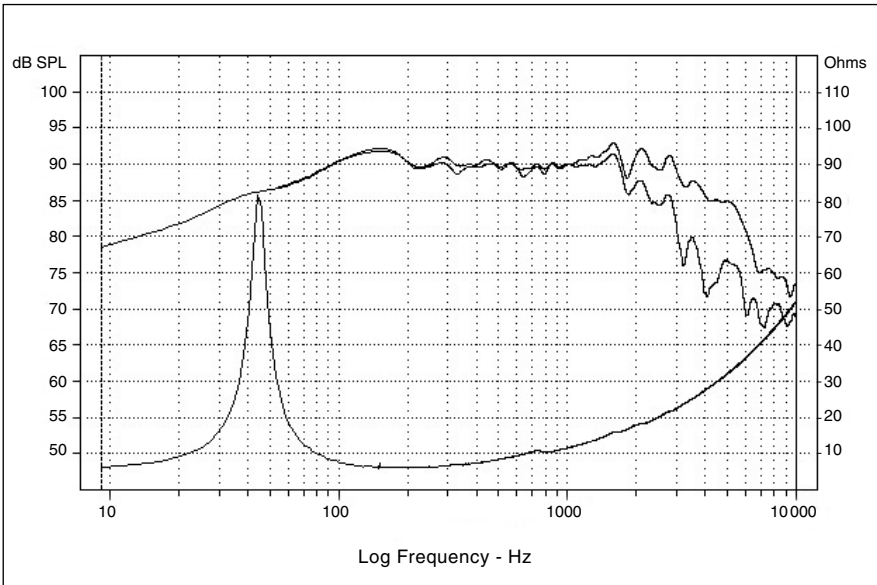
- Thick zamak alloy metal cast frame
- Straight profile Polyglass® cone, large rubber surround
- Edgewound flat copper wire 40mm voice coil, black Kapton® former
- Efficiency: 91.5dB
- High efficiency woofer for large vented 3-way systems



Specifications

Nominal power	100 W	
Maximum power	150 W	
Sensitivity	92.68 dB	
Cone	Polyglass®	
Surround	rubber	
Nom. impedance	5 ohms	
DC resistance	5.2 ohms	
VC diameter	40 mm	1.57 in
VC height	22.5 mm	0.89 in
Former	Kapton®	
Layers	2	
Wire	copper	
Inductance	1.19 mH	
Xmax	8.3 mm	0.33 in
Magnet d x h	134 x 20 mm	5.27 x 0.78 in
Magnet weight	1160 g	2.56 lb
Flux density	1.25 T	
Gap height	6 mm	0.24 in
Net weight	3.7 kg	8.15 lb

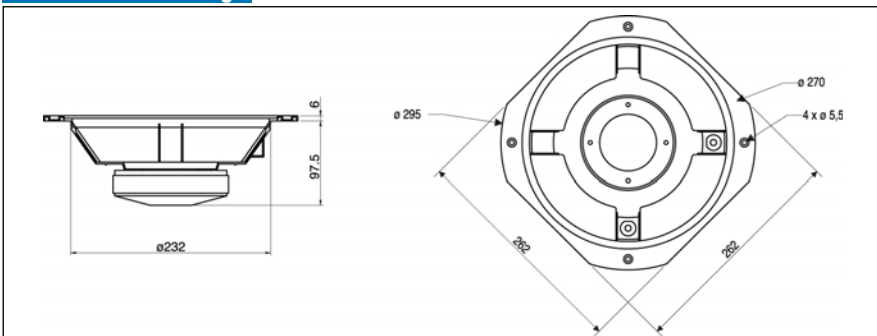
Frequency Response / Impedance



Parameters

Fs	50 Hz	
Vas	32.8 l	2001.6 in3
Qts	0.42	
Qes	0.45	
Qms	7.16	
Re	5.2 ohms	
Sd	346.4 Cm ²	53.7 in ²
Cas	234E-09 m5/N	
Mas	43.4 kg/m4	
Ras	1904.4 ohms.ac	
Cms	0195E-6 m/N	
Mms	52.09 g	0.115 lb
Rms	2.28 g/s	
Ces	275.6 mF	
Les	36.8 mH	
Res	82.7 ohms	
BI	13.75 N/A	
SPL	91.4 dB/W/m	

Mechanical Drawing



Suggested application

Load	V (l)	Fb (Hz)	F-3 (Hz)	Ql
Vented	40	46	44	7
Vented	60	44.3	40	7

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