

# RELAX

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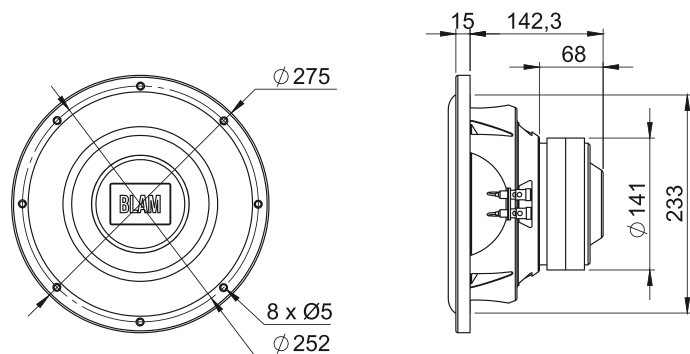
# BLAM

DRIVEN BY PASSION

## R10 DB

subwoofer

- Hi efficiency 270 mm (10") subwoofer
- Max. power 800 W / Nominal Power 400 W



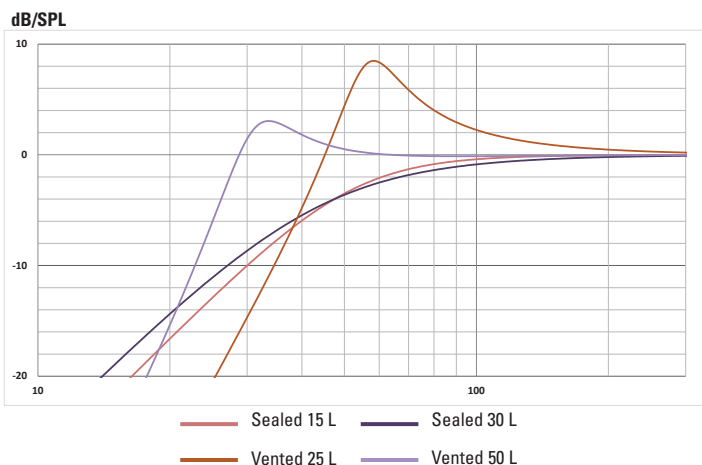
### TECHNICAL SPECIFICATIONS

Component	Subwoofer	
Max power	800 W	
Nominal power	400 W	
Impedance	2 x 2 $\Omega$	
Freq. Response	33 Hz - 500 Hz	
Sensitivity (2,83V/1m)	93,1 dB	
Magnet	Ferrite	
Magnet size $\varnothing$ x h	140 x 40 mm	5,512" x 1,575"
Total driver displacement	1,11 l	0,039 cf
Weight of one component	5,4 kg	11,905 lb
Voice coil $\varnothing$	60 mm	2,362"
Voice coil height	30 mm	1,181"
Cone	Rigid treated cellulose pulp	

### THIELE-SMALL PARAMETERS

effective $\varnothing$ (d)	205 mm
Sd	330,06 cm <sup>2</sup>
Xmax	11 mm
Re	1 $\Omega$
Fs	32,71 Hz
Le	239,74 $\mu$ H @ 1 kHz
Le	748,81 $\mu$ H @ 10 kHz
Vas	22,28 L
Mms	162,55 g
Cms	0,000146 m/N
BL	8,39 Tm
Qts	0,44
Qes	0,47
Qms	6,36
SPL (dB/W/m)	84,1 dB

### FREQUENCY RESPONSE / IMPEDANCE



### SEALED

Internal volume Vb	Resonance frequency	Qtc	Fb	F-3dB	Boost
15 L	52 Hz	0,69	-	53 Hz	
30 L	43 Hz	0,578	-	55 Hz	

### VENTED

Internal volume Vb	Internal $\varnothing$ port	Length port	Fb	F-3dB	Boost
25 L	10 cm	26 cm	53 Hz	43 Hz	8,5 dB at 58 Hz
50 L	10 cm	40 cm	29 Hz	28 Hz	3 dB at 36 Hz

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