

# HMS 10 B

MARINE INFINITE BAFFLE SUBWOOFER

500 W



## TECHNICAL SPECIFICATIONS

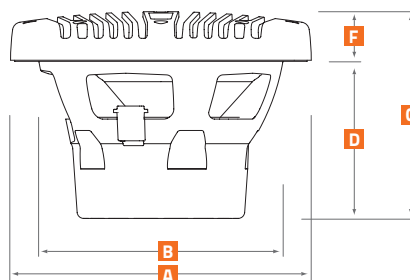
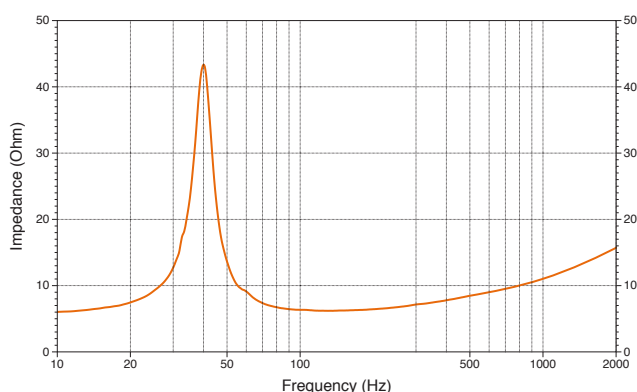
<b>Component</b>	Subwoofer	
<b>Woofer size</b>	mm (in.)	250 (10)
<b>Voice Coil Ø</b>	50 (2)	
<b>Power Handling</b>	W peak	500
	W continuous	250
<b>Impedance</b>	Ω	4
<b>Magnet size D x d x h</b>	mm (in.)	140 x 60 x 30 (5.51 x 2.36 x 1.18)
<b>Weight of one speaker</b>	kg (lb)	5,1 (11.24)
<b>Magnet</b>	High density flux ferrite	
<b>Cone</b>	Polypropylene with UV inhibitors	
<b>*Xmech</b>	mm (in.)	±19 (0.75)

\*Xmech: maximum mechanical excursion it indicates the motion range in the speaker linear functioning area, in both ways.

## ELECTRO-ACOUSTIC PARAMETERS

<b>D</b>	mm	210
<b>Xmax</b>	mm	13,5
<b>Re</b>	Ω	4,5
<b>Fs</b>	Hz	41
<b>Le</b>	mH	0,9
<b>Vas</b>	l	37
<b>Mms</b>	g	69
<b>Cms</b>	mm/N	0,22
<b>BL</b>	T•m	10,2
<b>Qts</b>		0,71
<b>Qes</b>		0,76
<b>Qms</b>		11
<b>Spl</b>	dB	88

1. Engineered and tested for the real environment of application (UV, salt-fog, vibrations, water spray, thermal shock, dust).
2. Long-throw 50mm (2") voice coil woofer engineered for infinite baffle application featuring polypropylene cone injected with UV inhibitors and co-molded Santoprene surround.
3. Progressive-design aramid fiber spider with silicone-insulated lead wires ensuring durability and constant performance over time.
4. FEM optimized high-excursion mobile equipment driven by a massive magnetic group encapsulated into a marine-grade polymer injected basket.
5. Gold-plated corrosion resistant brass connection terminals with silicone cap protecting leadwire junction point.



<b>A</b>	277 mm	10.91 in.
<b>B</b>	230 mm	9.06 in.
<b>C</b>	191 mm	7.52 in.
<b>D</b>	145 mm	5.71 in.
<b>F</b>	46 mm	1.81 in.

