

HMS 10 B

MARINE INFINITE BAFFLE SUBWOOFER

500 W



TECHNICAL SPECIFICATIONS

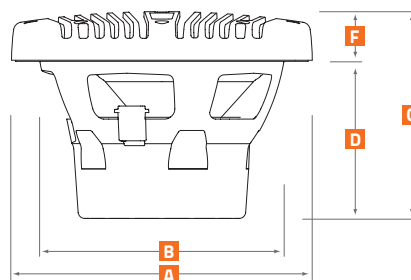
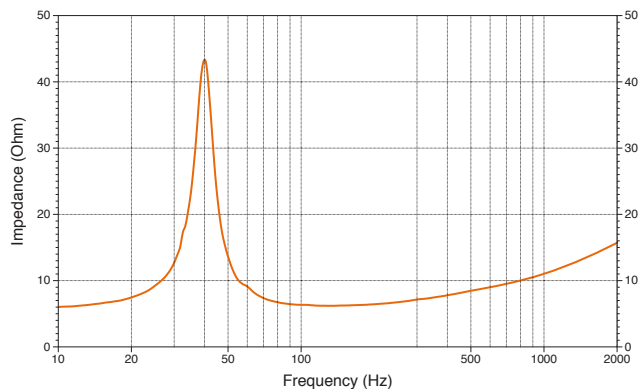
Component	Subwoofer	
Woofer size	mm (in.)	250 (10)
Voice Coil Ø	50 (2)	
Power Handling	W peak	500
	W continuous	250
Impedance	Ω	4
Magnet size D x d x h	mm (in.)	140 x 60 x 30 (5.51 x 2.36 x 1.18)
Weight of one speaker	kg (lb)	-
Magnet	High density flux ferrite	
Cone	Polypropylene with UV inhibitors	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

D	mm	210
Xmax	mm	13
Re	Ω	4,4
Fs	Hz	40
Le	mH	0.83
Vas	l	35
Mms	g	77
Cms	mm/N	0.23
BL	T•m	10.2
Qts		0.8
Qes		0.9
Qms		7
Spl	dB	86

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.



A	277 mm	10.91 in.
B	225 mm	8.86 in.
C	191 mm	7.52 in.
D	145 mm	5.71 in.
F	46 mm	1.81 in.

