

**POWER FOR THE WAVES**  
THE PURE MARINE CERTIFIED PRODUCT

# HMX 6.5 S

POWERSPORTS COAX

**150W**  
POWER HANDLING



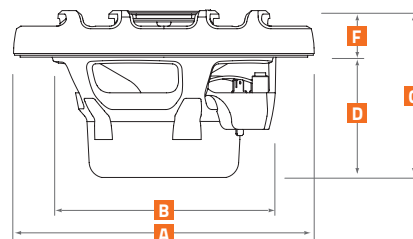
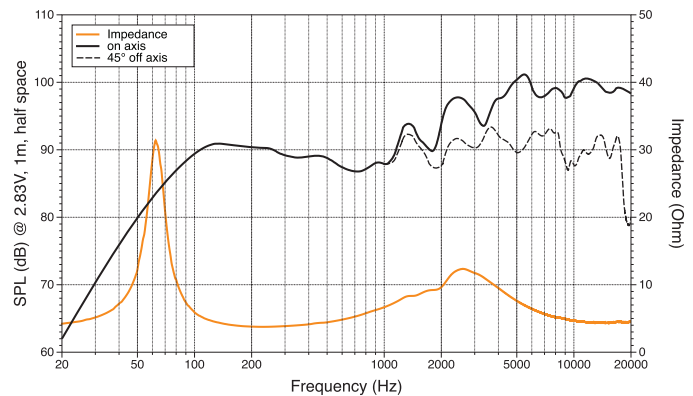
## TECHNICAL SPECIFICATIONS

<b>Component</b>	Two way coaxial	
<b>Size</b>		
Woofer	mm (in.)	165 (6.5)
Tweeter diaphragm	mm (in.)	36 (1.4)
<b>Voice Coil Ø</b>		
Woofer	mm (in.)	25 (1)
Tweeter	mm (in.)	20 (0.8)
<b>Power Handling</b>		
	W peak	150
	W continuous	75
<b>Impedance</b>	Ω	4
<b>Frequency Response</b>	Hz	50 ÷ 25k
<b>Woofer Magnet size D x d x h</b>	mm (in.)	78,5 x 32 x 17 (3.09 x 1.26 x 0.67)
<b>Tweeter Magnet size D x h</b>	mm (in.)	19,7 x 3 (0.78 x 0.12)
<b>Weight of one speaker</b>	kg (lb.)	1 (2.2)
<b>Woofer Magnet</b>	High density flux ferrite	
<b>Tweeter Magnet</b>	Neodymium	
<b>Cone</b>	Polypropylene with UV inhibitors	
<b>Dome</b>	PEI	
<b>Xmech</b>	mm (in.)	±6,65 (0.26)

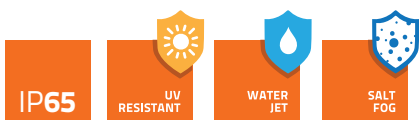
## ELECTRO-ACOUSTIC PARAMETERS

<b>D</b>	mm	125
<b>Xmax</b>	mm	3,65
<b>Re</b>	Ω	3,5
<b>Fs</b>	Hz	65
<b>Le</b>	mH	0,53
<b>Vas</b>	l	8,8
<b>Mms</b>	g	14
<b>Cms</b>	mm/N	0,4
<b>BL</b>	T·m	5,2
<b>Qts</b>		0,7
<b>Qes</b>		0,75
<b>Qms</b>		11,5
<b>Spl</b>	dB	89

1. Hertz **Pure Marine Certified Product** stamp featuring the IP65 protection grade, ASTM-D4329 standards for UV resistance and ASTM-B117 for salt fog operability.
2. 1.4" Neodymium magnet tweeter featuring a PEI material dome combined with faceplate and acoustic lens optimized for best off-axis dispersion and highest SPL.
3. Sound-transparent stainless steel tweeter mesh grille providing efficient high-frequency transfer, attractive look and a rock-solid protection.
4. Long-throw 25mm (1") voice coil woofer fine-tuned for infinite baffle application featuring polypropylene cone injected with UV inhibitors and co-molded Santoprene surround.
5. Aramid fiber spider with silicone-insulated lead wires ensuring durability and constant performance over time.
6. FEM optimized high-excursion mobile equipment driven by a massive magnetic group encapsulated into a marine-grade polymer injected basket.
7. Sealed built-in crossover with resettable solid-state tweeter protection circuit.
8. Gold-plated corrosion resistant terminals.



<b>A</b>	172,2 mm	6.78 in.
<b>B</b>	128 mm	5.04 in.
<b>C</b>	95,6 mm	3.76 in.
<b>D</b>	69 mm	2.72 in.
<b>F</b>	26,6 mm	1.05 in.



From R&D to final product  
**KLIPPEL**  
since 2005

