

BC/OC 1" Tweeter



Type Number: BC25SG15-04

Features:

The BC/OC product line is known for its quality tweeters and midwoofers. Designed in Denmark by our experienced team of audio engineers, Peerless BC/OC products can meet the most demanding needs for both volume and audio excellence. The BC/OC product line has ferrofluid in the magnet gap for improved cooling of the driver.

Driver Highlights: Shielded textile dome tweeter, 25 mm voice coil on alu, 2 layers clad alu wire, 1.8 mm winding height, light ferro fluid, optimi



Specs:

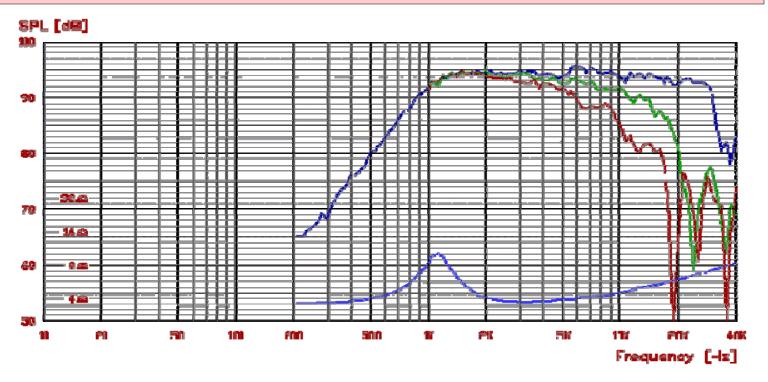
Electrical Data Nominal impedance Minimum impedance Maximum impedance DC resistance Voice coil inductance	Zn Zmin Zo Re Le	4 6 9.5 3.1 	ohm ohm ohm ohm mH
T-S Parameters Resonance Frequency	fs	1000	Hz
Mechanical Q factor	Qms	1.8	
Electrical Q factor	Qes	1.07	
Total Q factor	Qts	0.67	
Force factor	BI	<u> </u>	Tm
Mechanical resistance	Rms		Kg/s
Moving mass	Mms	0.37	g
Suspension compliance	Cms	0.31	mm/N
Effective cone diameter	D		cm
Effective piston area	Sd	6.8	cm ²
Equivalent volume	Vas		ltrs
Sensitivity (2.83V/1m)		93.1	dB

Power handling

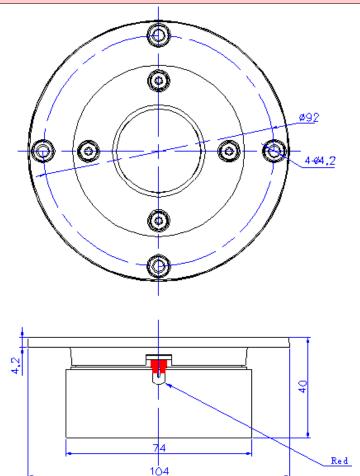
Power handling			
100h RMS noise test (IEC)	50	W	
Long-term Max Power (IEC 18.3)	100	W	
Short Term Max power (IEC 18.2)	<u> </u>	W	
Voice Coil and Magnet Parameters			
Voice coil diameter	25	mm	5
Voice coil height	2	mm	
Voice coil layers	2		
Height of the gap	3	mm	
Flux density of gap		mWb	
Total useful flux	N	mWb	
Diameter of magnet	70	mm	
Height of magnet	15	mm	
Weight of magnet	2.	Kg	

Notes: IEC specs refer to IEC 60268-5 third edition. All Tymphany products are RoHS compliant.





Mechanical Dimensions: BC25SG15-04



Drawing Dimensions

Outside Diameter Flange Thickness Magnet Diameter Cutout Diameter Interior Depth Hole Diameter Screw Circle Diameter