

BC/OC 1" Tweeter



Type Number: APL25SC15-04

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: Compact faceplate with sealing gasket, which eliminates vibration between baffle and driver; cooling fan for improved power handling; coated textile dome for improved performance.



Specs: Preliminary

Electrical Data

Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	3.6	ohm
Maximum impedance	Zo	9.5	ohm
DC resistance	Re	3	ohm
Voice coil inductance	Le	0.013	mH

T-S Parameters

Resonance Frequency	fs	1500	Hz
Mechanical Q factor	Qms	3.7	
Electrical Q factor	Qes	1.8	
Total Q factor	Qts	1.3	
Effective piston area	Sd	6.6	cm ²
Sensitivity (2.83V/1m)		92	dB
Sensitivity (1W/1m)		89	dB
Ratio fs/Qts	F	1154	

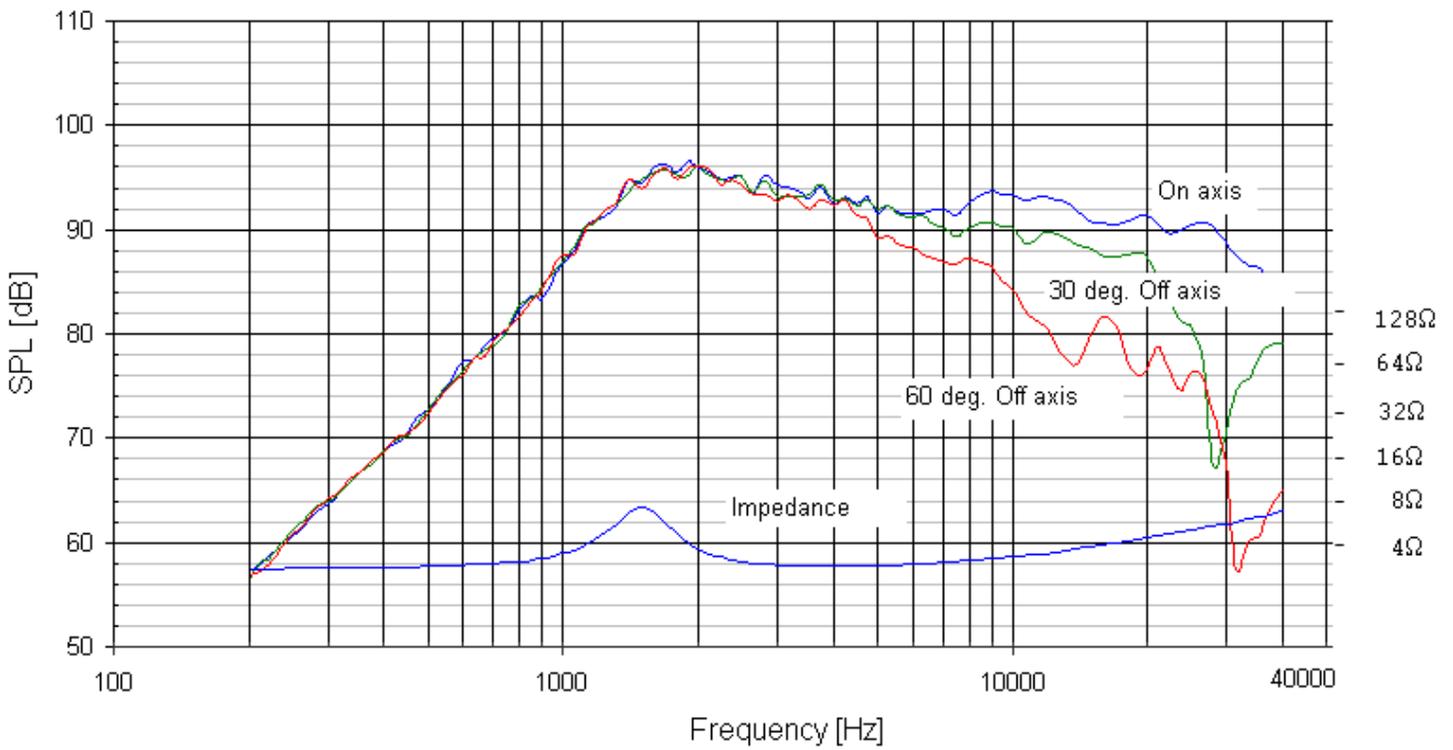
Power handling

Rated Noise Power (IEC 18.1)	25	W
Long-term Max Power (IEC 18.3)	50	W

Misc. Parameters

Effective Frequency range (IEC 21.2)	800-40k	Hz
Frame dimensions	69.7x54	mm
Total Mass	67	grams
Frequency at ka=2	7466	Hz

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



Mechanical Dimensions: APL25SC15-04

