

BC/OC 1" Tweeter



Type Number: OC25SC25-04

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: neodymium textile tweeter, double shielding, no face plate

Specs:

Electrical Data

| | | | |
|-----------------------|------|------|-----|
| Nominal impedance | Zn | 4 | ohm |
| Minimum impedance | Zmin | 5.5 | ohm |
| Maximum impedance | Zo | 10.8 | ohm |
| DC resistance | Re | 3 | ohm |
| Voice coil inductance | Le | -- | mH |

T-S Parameters

| | | | |
|-------------------------|-----|------|-----------------|
| Resonance Frequency | fs | 1480 | Hz |
| Mechanical Q factor | Qms | 3.52 | |
| Electrical Q factor | Qes | 1.59 | |
| Total Q factor | Qts | 1.09 | |
| Force factor | Bl | 1.8 | Tm |
| Mechanical resistance | Rms | -- | Kg/s |
| Moving mass | Mms | 0.27 | g |
| Suspension compliance | Cms | -- | mm/N |
| Effective cone diameter | D | -- | cm |
| Effective piston area | Sd | 6.8 | cm ² |
| Equivalent volume | Vas | -- | ltrs |
| Sensitivity (2.83V/1m) | | 94 | dB |

Power handling

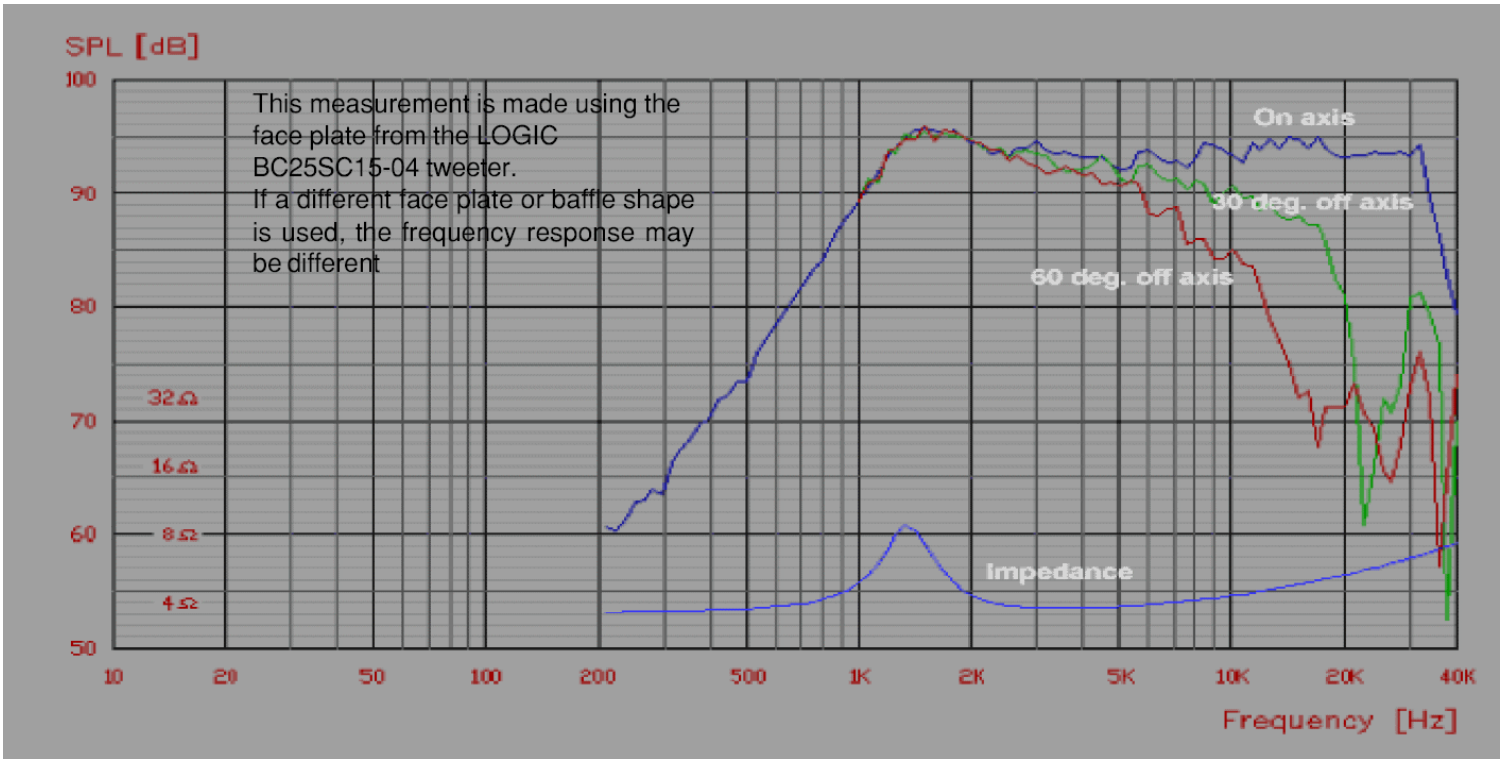
| | | |
|---------------------------------|----|---|
| 100h RMS noise test (IEC) | 25 | W |
| Long-term Max Power (IEC 18.3) | 50 | W |
| Short Term Max power (IEC 18.2) | -- | W |

Voice Coil and Magnet Parameters

| | | |
|---------------------|------|-----|
| Voice coil diameter | 25 | mm |
| Voice coil height | 2 | mm |
| Voice coil layers | 2 | |
| Height of the gap | 2 | mm |
| Flux density of gap | -- | mWb |
| Total useful flux | -- | mWb |
| Diameter of magnet | 24.5 | mm |
| Height of magnet | 3.5 | mm |
| Weight of magnet | -- | Kg |

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

Frequency: OC25SC25-04



Mechanical Dimensions: OC25SC25-04

