

Beyma SM 115 K. Sealed box loading with Q = 0.68.

42.6 litres internal volume. $121\text{g} / 22.8\text{ BL} = 5.3$. This is superb for a 15 inch low bass / sub driver.

Note Linnen surround... Not rubber surround!

4 inch voice coil. Max AES power = 500 watts. (I use a 900 watt power amp & it can handle full power with typical musical content) +/- 8mm Xmax. +/- 15mm before damage.

Cabinet material 24mm plywood. External WHD = $488*508*288 = 44*46*24 = 48.5$ litres. Allowing for 6 litres internal volume occupied by driver & some cabinet wall damping. Use front mounting with no driver rebate as 15mm rebate weakens front baffle too much and grill hides driver chassis & bolts.

20Hz-99dB. 30Hz-106dB. 40Hz-111dB. 50Hz-114dB. 60Hz-117dB. 70Hz-119dB.
80Hz-120dB. 90Hz- 120dB. 100Hz- 121dB.

