



5N155

Ultra Low Distortion Neodymium Woofer

Frequency response, 1W@ 1m incl. 2nd and 3rd harmonic distortion raised 20dB.

Frequency response, 100W@ 1m incl. 2nd and 3rd harmonic distortion raised 20dB.

Features:

- 91dB sensitivity 1W/1m
- 130W Power handling
- 1,5" copper sandwich voice coil for low power compression
- Neodymium magnet system
- Double treated cone for water protection
- Triple aluminium demodulating rings for ultra low distortion
- Optimal for high quality 2 or 3-way systems

SPECIFICATIONS

Application		Low-mid 2 or 3-way
Nominal impedance	Ohm	16
Power handling AES noise	W	130
Sensitivity (1W/1m)	dB	91
Frequency response	Hz	60-3.500
Voice coil diameter	mm	38 (1,5")
Voice coil material		Cu
Voice coil winding depth	mm	15
Magnet gap depth	mm	5
Basket		Cast Aluminium
Effect. diaphragm diameter D	mm	103.75

THILE – SMALL PARAMETERS

Resonance frequencyFs	Hz	100,6
DC resistance Re	Ohm	11,7
Mechanical Q factor Qms		4.17
Electrical Q factor Qes		0.49
Total Quality factorQts		0.44
Equivalent volume Vas	L	2.6
Moving mass Mms	kg	0.0096
Mechanical compl. Cms	mm/N	0.260
BL factor BL	Tesla/ m	11,99
Effective piston areaSd	m ²	0.00845
Max. linear excursionXmax	mm	± 5

MOUNTING INFORMATION

Overall diameter	mm	135x135
Mounting holes diameter	mm	4x5
Bolt circle diameter	mm	139
Baffle cut-out diameter	mm	118
Overall depth	mm	70
Net weight	kg	0.6