

15S320

Ultra Low Distortion Low Midrange Driver

Ultra low distortion series **BMS**

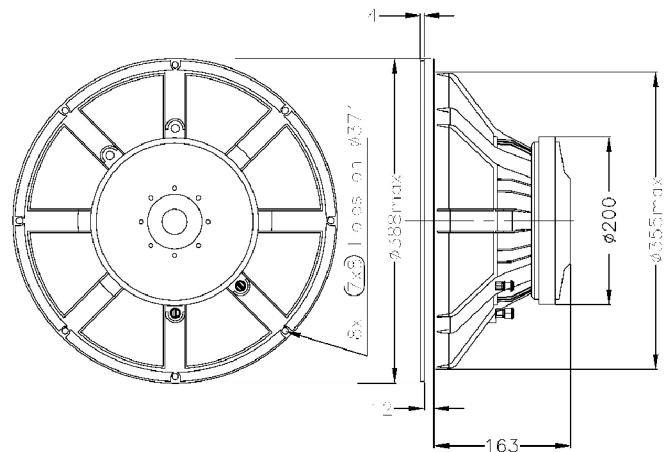


Features:

- 98dB sensitivity 1W/1m
- 500W Power handling
- 3" copper sandwich voice coil for low power compression
- Double treated cone for water protection
- Triple aluminium demodulating rings for ultra low distortion
- Optimal for compact 2 or 3-way systems

SPECIFICATIONS

APPLICATION	Compact 2 or 3-way systems	
Nominal impedance	Ohm	8
Power handling AES noise	W	500
Sensitivity (1W/1m)	dB	98
Frequency response	Hz	40 - 2500
Voice coil diameter	mm	77 (3")
Voice coil material		Cu
Voice coil winding depth	mm	19
Magnet gap depth	mm	10
Basket		Cast Aluminium
Effect. diaphragm diameter D	mm	335



THILE - SMALL PARAMETERS			
Resonance frequency	Fs	Hz	43
DC resistance	Re	Ohm	5.90
Mechanical Q factor	Qms		4.49
Electrical Q factor	Qes		0.31
Total Quality factor	Qts		0.29
Equivalent volume	Vas	L	137.7
Moving mass	Mms	kg	0.108
Mechanical compl.	Cms	mm/N	0.130
BL factor	BL	Tesla/ m	23.40
Effective piston area	Sd	m ²	0.0880
Max. linear excursion	Xmax	mm	± 4.5

MOUNTING INFORMATION		
Overall diameter	mm	388
Mounting holes diameter	mm	7 x 8
Bolt circle diameter	mm	371
Baffle cut-out diameter	mm	358
Overall depth	mm	179
Net weight	kg	9

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

