

15N620

Neodymium Ultra Low Distortion Low Midrange Driver

Neodymium series



Features:

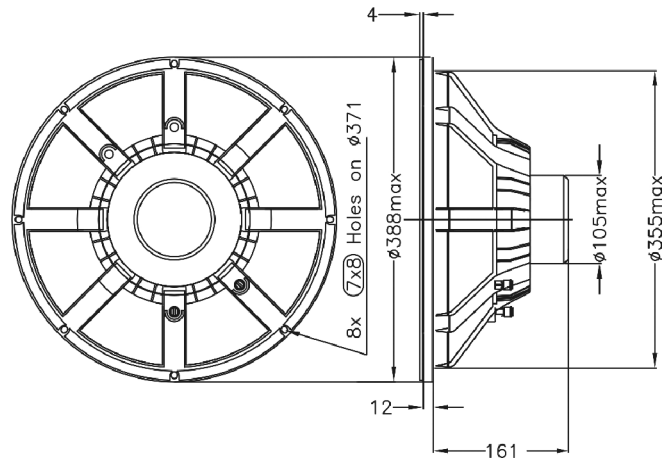
- 98dB sensitivity 1W/1m
- 500W Power handling
- Extremely light weight of 3.4kg
- 3" copper sandwich voice coil for low power compression
- Neodymium magnet system
- Triple aluminium demodulating rings for ultra low distortion
- Optimal for compact two or three way-systems

SPECIFICATIONS

APPLICATION	Low-Middle		
Nominal impedance	Ohm	8	4
Power handling AES noise	W	500	500
Sensitivity (1W/1m)	dB	98	98
Frequency response	Hz	35 - 2500	
Voice coil diameter	mm	77 (3")	77 (3")
Voice coil winding depth	mm	19	
Voice coil material		Cu	Cu
Basket		Cast Aluminium	
Effect. diaphragm diameter D	mm	335	335

THILE - SMALL PARAMETERS				
Resonance frequency	Fs	Hz	40.0	39.8
DC resistance	Re	Ohm	5.90	2.9
Mechanical Q factor	Qms		6.10	6.05
Electrical Q factor	Qes		0.33	0.33
Total Quality factor	Qts		0.31	0.31
Equivalent volume	Vas	L	144.8	144.8
Moving mass	Mms	kg	0.115	0.117
Mechanical compl.	Cms	mm/N	0.140	0.140
BL factor	BL	Tesla/m	22.90	16.06
Effective piston area	Sd	m ²	0.0880	0.0880
Max. linear excursion	Xmax	mm	± 5.5	± 5.5

MOUNTING INFORMATION			
Overall diameter	mm	388	388
Mounting holes diameter	mm	7 x 8	7 x 8
Bolt circle diameter	mm	371	371
Baffle cut-out diameter	mm	358	358
Overall depth	mm	177	177
Net weight	kg	3.4	3.4



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

