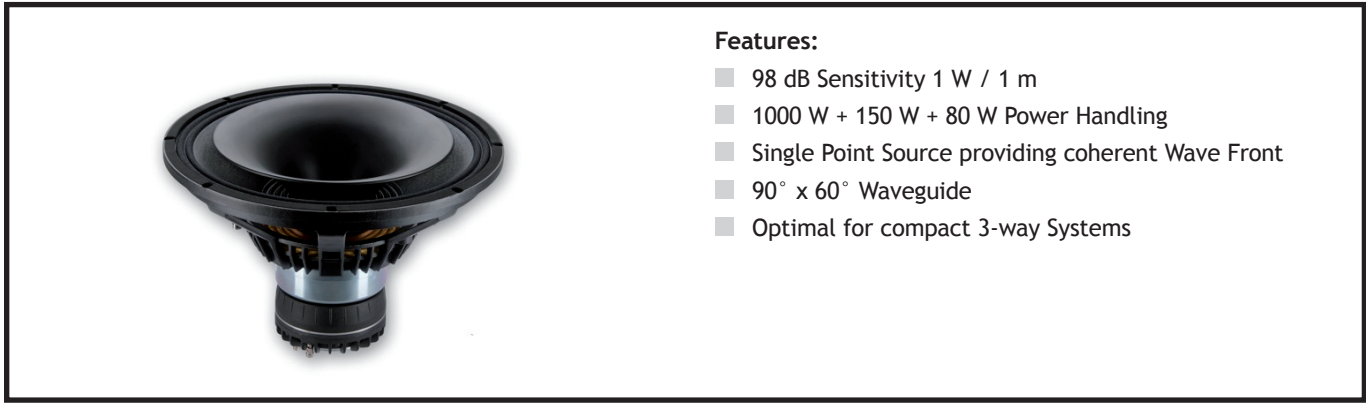


15CN890

Neodymium Triaxial Transducer

Triaxial Drivers

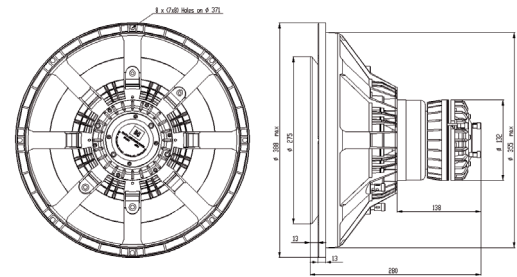


Features:

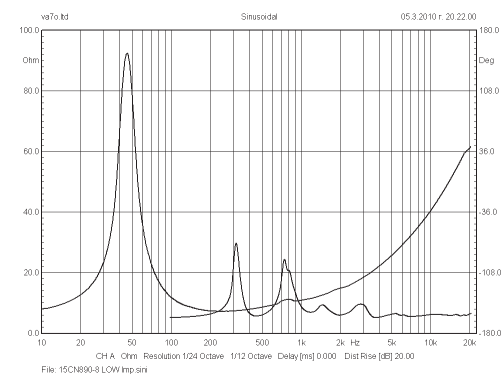
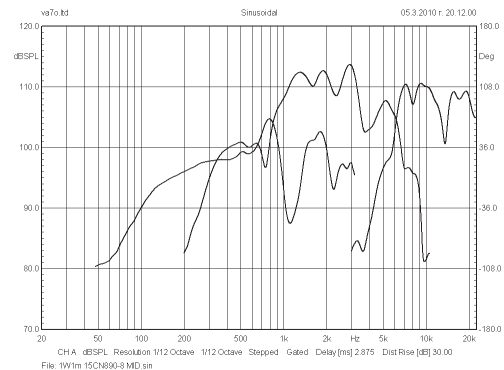
- 98 dB Sensitivity 1 W / 1 m
- 1000 W + 150 W + 80 W Power Handling
- Single Point Source providing coherent Wave Front
- 90° x 60° Waveguide
- Optimal for compact 3-way Systems

SPECIFICATIONS

Application	3-way Transducer		
Nominal Impedance	Ohm		8 or 16
Power handling AES noise	W		1000
Low Frequency			
Sensitivity (1 W / 1 m)	dB		98
Frequency response	Hz		40 - 22000
Voice Coil Diameter	mm		101.6 (4")
Voice Coil Winding Depth	mm		22
Magnet Gap Depth	mm		10
Voice Coil Material			Cu
Basket			Cast Aluminum
Effect. diaphragm diameter D	mm		320
THIELE-SMALL PARAMETERS			
Resonance Frequency	Fs	Hz	50
DC Resistance	Re	Ohm	5.70
Mechanical Q Factor	Qms		3.7
Electrical Q Factor	Qes		0.38
Total QualityFactor	Qts		0.35
Equivalent Volume	Vas	L	77
Moving Mass	Mms	kg	0.12
Mechanical Compliance	Cms	mm / N	0.084
BL Factor	BL	Tesla m	23.6
Effective Piston Area	Sd	m ²	0.0804
Max. linear Excursion	Xmax	mm	+/- 6
Voice Coil Inductance:	Le1k	mH	0.8
	Le10k	mH	0.56
SPECIFICATION HIGH / MIDDLE FREQUENCY			
Middle range (AES)	W		150
Peak Power	W		1000
High range (AES)	W		80
Peak Power	W		320
Sensitivity (1 W / 1 m)	dB		113
Middle Frequency range	Hz		700 - 7000 Hz
High Frequency range	Hz		6000 - 22000
Recommended Crossover	Hz		800, 6300
Voice Coil Diameter	mm		44.4 (1.75") high 90 (3.5") middle
Magnet Material			Neodymium
Flux Density	T		2.0
Voice Coil Material			Copper Clad Aluminum (2 layers in and outside the VC)
Voice Coil Former			Kapton TM
Diaphragm Material			Polyester



Frequency Response measured 1 W (2.83 V) at 1 m in a closed enclosure of 100 litre.



MOUNTING INFORMATION		
Overall Diameter	mm	388
Mounting Holes Diameter	mm	8 x (7 x 8)
Bolt Circle Diameter	mm	371
Baffle cut-out Diameter	mm	358
Overall depth	mm	280
Net Weight:	kg	8.95