

### Features:

- 98dB sensitivity 1W/1m
- 400W + 60W Power handling
- 3" + 1.5" copper sandwich voice coil
- Single point source providing coherent wave front
- Optimal for compact 2-way systems

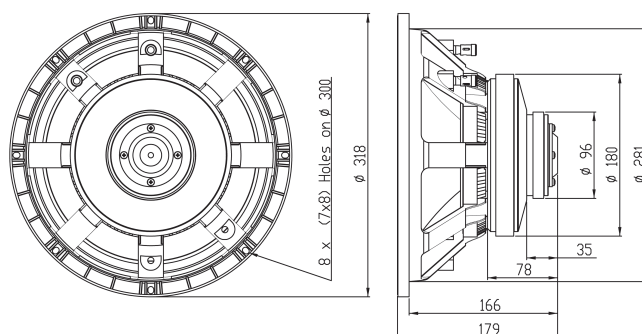
## SPECIFICATIONS

APPLICATION		Transducer	
Nominal impedance	Ohm	8/8	
Power handling AES noise	W	400	
LOW FREQUENCY UNIT			
Sensitivity ( 1W/1m )	dB	98	
Frequency response	Hz	55 - 30000	
Voice coil diameter	mm	77 (3")	
Voice coil material		Cu	
Voice coil winding depth	mm	15	
Magnet gap depth	mm	10	
Basket		Cast Aluminum	
Effect. diaphragm diameter D	mm	249	
THIELE - SMALL PARAMETERS			
Resonance frequency	Fs	Hz	47.3
DC resistance	Re	Ohm	5.7
Mechanical Q factor	Qms		5.4
Electrical Q factor	Qes		0.25
Total Quality factor	Qts		0.24
Equivalent volume	Vas	L	60.6
Moving mass	Mms	kg	0.063
Mechanical compliance	Cms	mm/N	0.18
BL factor	BL	Tesla m	20.6
Effective piston area	Sd	m <sup>2</sup>	0.0487
Max. linear excursion	Xmax	mm	± 2.5
SPECIFICATIONS HIGH FREQUENCY			
Power handling AES	W	60	
Peak Power	W	300	
Sensitivity ( 1W/1m )	dB	112	
Frequency range	Hz	1200 - 30000	
Recommended crossover	Hz	1800	
Voice coil diameter	mm	38 (1.5")	
Magnet material		Ferrite	
Flux density	T	1.9	
Voice coil material	Copper Clad Aluminum		
Voice coil former		Kapton™	
Basket		Cast Aluminum	
Diaphragm material		Polyester	

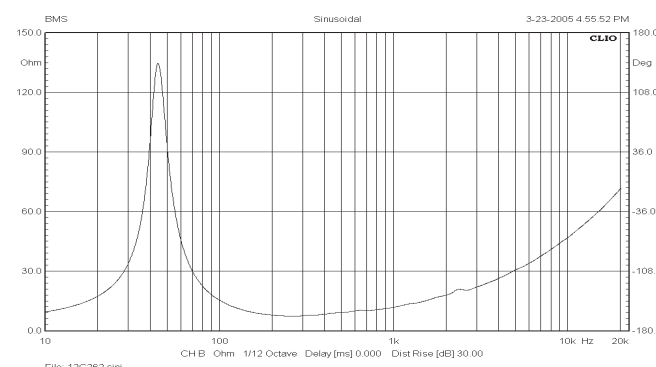
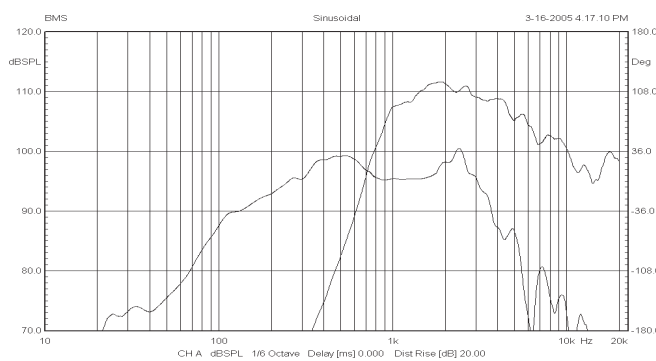
### Recommended reflex enclosure:

14L/68Hz, -3dB=86Hz, BRD=70mm/109mm long

25L/63Hz, -3dB=70Hz, BRD=80mm/78mm long



Frequency response measured 1W (2.83V) at 1m in a closed enclosure of 50 litre.



MOUNTING INFORMATION		
Overall diameter	mm	318
Mounting holes diameter	mm	8 x (7 x 8)
Bolt circle diameter	mm	300
Baffle cut-out diameter	mm	284
Overall depth	mm	179
Net weight	kg	7.8