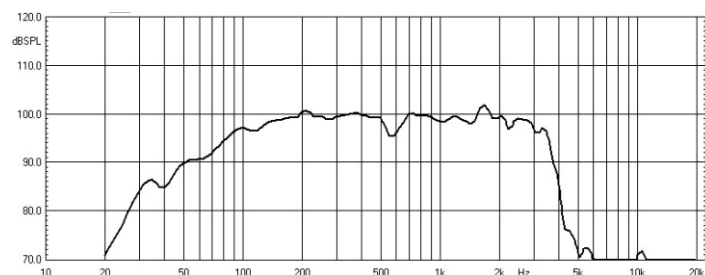


KEY FEATURES:

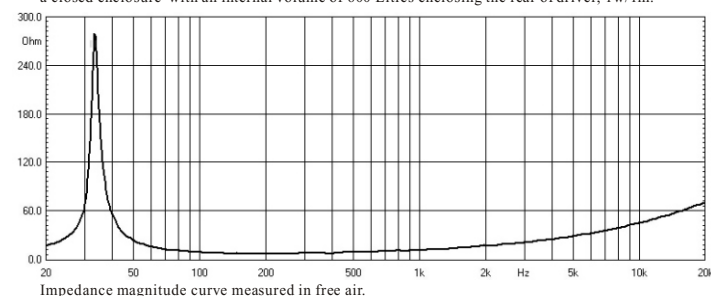
- ▶ 800 W continuous program power handling
- ▶ 98dB Sensitivity 1w/1m
- ▶ Smooth frequency up to 3.0kHz
- ▶ 75mm(3 in) high temperature copper voice coil with fiberglass former
- ▶ FEA optimized magnet system design for low distortion and minimum power compression
- ▶ Aluminum demodulating ring for low distortion
- ▶ Large Xmax allowing longer voice coil displacements
- ▶ Ideal for high quality compact 2 or 3-way systems

主要特征:

- ▶ 额定功率: 400W (AES标准)
- ▶ 高输出—灵敏度 98dB
- ▶ 高达10个倍频程并且非常平滑的频率响应
- ▶ 75mm 耐高温铜线音圈, 玻璃纤维骨架
- ▶ 减小失真, 降低功率压缩的FEA (有限元分析) 磁路系统设计
- ▶ 独有的铝调置环设计, 显著降低失真
- ▶ 最大线性位移达8mm
- ▶ 适用于高质量的紧凑式2路或3路系统



Frequency response curve of the loudspeaker taken in free-field(4pi) environment and mounted in a closed enclosure with an internal volume of 600 Litres enclosing the rear of driver, 1w/1m.



Impedance magnitude curve measured in free air.

SPECIFICATIONS

General Specifications

Nominal Diameter	380/15	mm/inch
Rated Impedance	8	ohm
Nominal Power handling ¹	400	Watts
Program Power ²	800	Watts
Sensitivity(1w/1m) ³	98	dB
Frequency Range ⁴	33 - 3.5k	Hz
Minimum Impedance(Zmin)	6.3	ohm
Voice Coil Diameter	75/3	mm/inch
Voice Coil Material	Copper	
Voice Coil Winding Depth	24	mm
Number of layers	2	
Magnet gap depth	10	mm
Cone Shape	Curved	
Surround Shape	M-roll	
Basket	Cast Aluminum	
Flux Density	1.2	T
Magnet Material/Mass	Ceramic/2.56	kg

Thiele - Small Parameters

Resonance frequency	Fs	33.5	Hz
DC resistance	Re	5.6	ohm
Mechanical factor	Qms	14.5	
Electrical factor	Qes	0.30	
Total factor	Qts	0.29	
Mechanical compliance	Cms	0.21	mm/N
Mechanical resistance			
of suspension losses	Rms	1.56	mech-ohm
Effective Moving Mass	Mms	107	gr
Half-space efficiency	Eff	2.9	%
BL Factor	BL	20.7	T.m
Equivalent Cas air load	Vas	236	liters
Effective piston area	Sd	0.0897	m ²
Max. linear excursion ⁵	Xmax	8	mm
Voice - coil inductance	Le1K	1.05	mH

Mounting Information

Overall Diameter	400	mm
Bolt Circle Diameter	376	mm
Bolt Hole Diameter	6.5	mm
Baffle Cutout Diameter	363	mm
Overall Depth	167	mm
Net Weight	8.2	kg

NOTES:

1. AES standard(40~400Hz).
2. Program Power is defined as 3 dB greater than the nominal power handling.
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis and averaged between 100Hz and 1000Hz.
4. Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated sensitivity.
5. The maximum linear excursion is calculated as: $(H_{vc}-H_g)/2+H_g/4$ where H_{vc} is the voice coil depth and H_g is the gap depth.