

M5115

☀ 15 inch ☀ 700 Watts
☀ 98 dB ☀ 42 ~ 2100 Hz



KEY FEATURES:

- ① 1400 W continuous program power capacity
- ② Sensitivity: 98dB 1w/1m
- ③ 100mm(4") with OFC(Oxygen-free Copper) wire for improved power-handling
- ④ Coating paper cone to improve the optical and acoustic properties
- ⑤ Reinforced CONEX® spider for improved linearity control
- ⑥ Ideal for woofer or extended woofer application

GENERAL SPECIFICATIONS

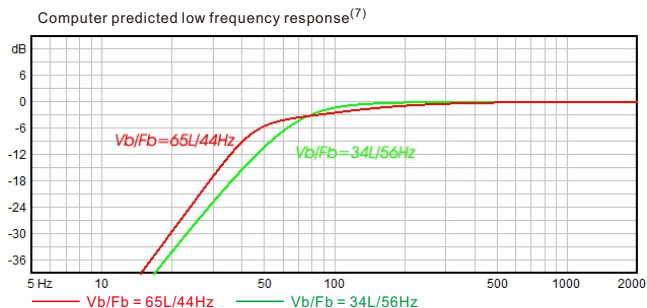
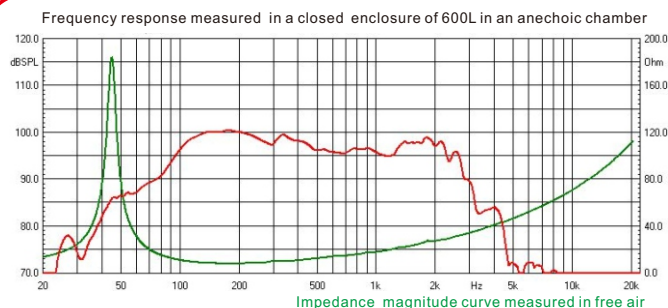
Nominal Diameter	380mm /15inch
Rated Impedance	8 ohm
Nominal Power handling ¹	700 Watts
Program Power ²	1400 Watts
Sensitivity(1w/1m) ³	98 dB
Frequency Range ⁴	42 ~ 2100Hz
Minimum Impedance(Zmin)	7.5 ohm
Voice Coil Diameter	100mm /4inch
Voice Coil Material	Copper
Former Material	Glass Fiber
Voice Coil Winding Depth	21 mm
Number of layers	2
Magnet gap depth	10.7 mm
Basket	Cast Aluminum
Flux Density	1.05 T
Magnet Out Diameter/Wgt	220mm / 125 oz

THIELE - SMALL PARAMETERS⁵

Resonance frequency	Fs	45 Hz
DC resistance	Re	5.3 ohm
Mechanical factor	Qms	10
Electrical factor	Qes	0.30
Total factor	Qts	0.29
Mechanical compliance	Cms	0.095 mm/N
Mechanical resistance of total-driver losses	Rms	3.7 kg/s
Effective Moving Mass	Mms	132 g
Half-space efficiency	Eff	3.2%
BL Factor	BL	25.8 T.m
Equivalent Cas air load	Vas	109 liters
Effective piston area	Sd	0.0908 m ²
Max. linear excursion ⁶	Xmax	± 8.5 mm
Max. excursion before damage	Xdam	±21.8mm
Voice coil inductance(1kHz)	Le	1.9 mH
Efficiency Bandwidth Product	EBP	150

MOUNTING INFORMATION

Overall Diameter	393 mm
Bolt Circle Diameter	375 mm
Bolt Hole Diameter	6.5 mm
Baffle Cutout Diameter	355 mm
Overall Depth	171 mm
Air volume occupied by driver	6.3 liters
Net Weight	11.6 kg
Shipping Weight	12.6 kg
Shipping Box	430x430x205 mm



NOTES:

- AES standard
- Program Power is defined as 3 dB greater than the nominal power handling.
- Sensitivity is measured at 1W input on rated impedance at 1m on axis.
- 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.
- T/S parameters measured with laser system BEFORE preconditioning test.
- 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.
- Vb: Net internal volume of box after subtracting the volume of internal objects.