

# PSI5-76

☀ 15 inch ☀ 350 Watts  
☀ 96 dB ☀ 37 ~ 2800 Hz



## KEY FEATURES:

- ① 700 W continuous program power capacity
- ② 96dB Sensitivity 1w/1m
- ③ 37 ~ 2800Hz frequency response range
- ④ 76mm(3") SV-W voice coil
- ⑤ Superb price/performance ration
- ⑥ Ideal for compact 2 or 3-way systems

## GENERAL SPECIFICATIONS

Nominal Diameter	380mm /15inch
Rated Impedance	8 ohm
Nominal Power handling <sup>1</sup>	350 Watts
Program Power <sup>2</sup>	700 Watts
Sensitivity(1w/1m) <sup>3</sup>	96 dB
Frequency Range <sup>4</sup>	37 ~ 2800Hz
Minimum Impedance(Zmin)	5.8 ohm
Voice Coil Diameter	76mm /3inch
Voice Coil Material	SV-W
Former Material	Aluminum
Voice Coil Winding Depth	16 mm
Number of layers	2
Magnet gap depth	10 mm
Basket	Pressed Steel
Flux Density	1.0T
Magnet Out Diameter/Wgt	170mm / 60 oz

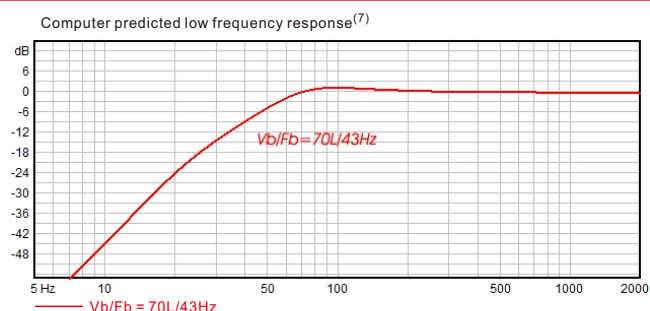
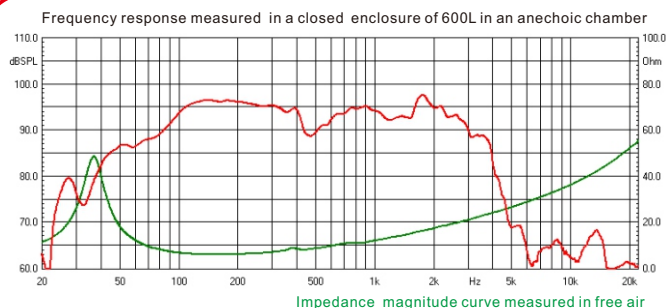
## THIELE - SMALL PARAMETERS<sup>5</sup>

Resonance frequency	Fs	37 Hz
DC resistance	Re	5.0 ohm
Mechanical factor	Qms	4.1
Electrical factor	Qes	0.47
Total factor	Qts	0.42
Mechanical compliance	Cms	0.18 mm/N
Mechanical resistance of total-driver losses	Rms	5.58 kg/s
Effective Moving Mass	Mms	100 g
Half-space efficiency	Eff	1.8%
BL Factor	BL	15.6 T.m
Equivalent Cas air load	Vas	180 liters
Effective piston area	Sd	0.0830 m <sup>2</sup>
Max. linear excursion <sup>6</sup>	Xmax	± 6.5 mm
Max. excursion before damage	Xdam	± 15 mm
Voice coil inductance(1kHz)	Le	1.17 mH
Efficiency Bandwidth Product	EBP	79

## MOUNTING INFORMATION

Overall Diameter	387 mm
Bolt Circle Diameter	373 mm
Bolt Hole Diameter	6.5 mm
Baffle Cutout Diameter	355 mm
Overall Depth	154 mm
Air volume occupied by driver	5.4 liters
Net Weight	5.8 kg
Shipping Weight	6.9 kg
Shipping Box	430x430x205mm

Also available in 4ohm, data upon request.



## 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.