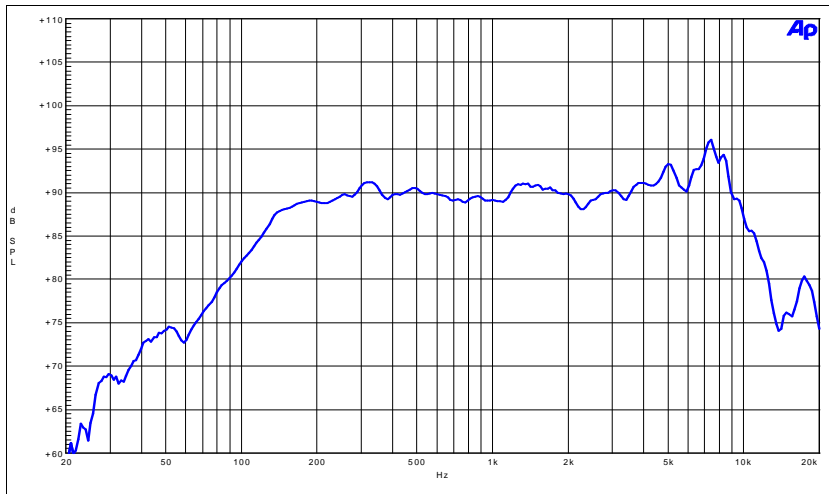




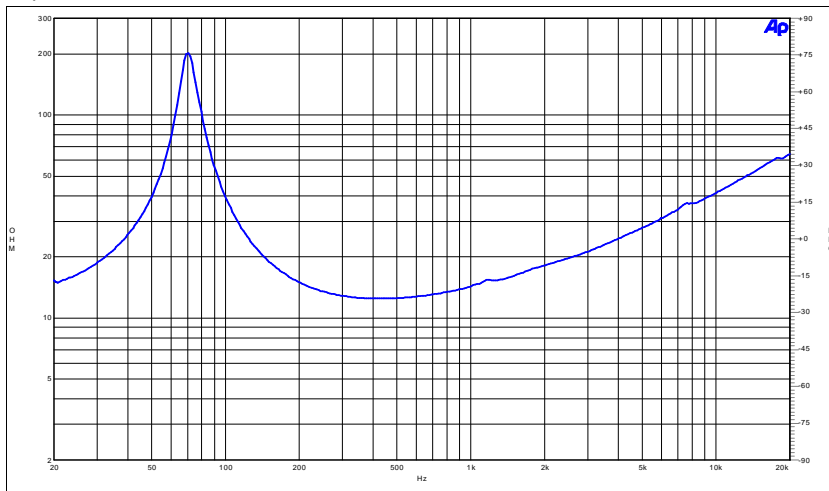
# 5NDL38-16

Rev: 0

Frequency Response



Impedance



## Specifications

Nominal Diameter	5"
Nominal Impedance	16 Ω
Minimum Impedance	12,5 Ω
Power Handling	
Nominal <sup>1</sup>	90 W
Continuous Program <sup>2</sup>	180 W
Sensitivity (1W/1m) <sup>3</sup>	90 dB
Frequency Range	Fs to 9000 Hz
Voice Coil Diameter	38,00 mm
Winding Material	Aluminium
Former Material	Fiber Glass
Winding Depth	10,00 mm
Magnetic Gap Depth	6 mm
Flux Density	1,25 T
Surround Material	Rubber
Surround Shape	Roll
Spider Material	PolyCotton
Magnet Material	Neodimium
Cone Material	Paper
Water Proof Front Side (WP)	<input checked="" type="checkbox"/>
Water Proof Both Sides (TWP)	<input type="checkbox"/>
Epoxy Treatment	<input type="checkbox"/>
Demodulation Ring	<input type="checkbox"/>
Shorting Copper Ring	<input type="checkbox"/>
Double Spider	<input type="checkbox"/>
Vented Gap	<input type="checkbox"/>

04/01/2011

## Thiele & Small Parameters<sup>4</sup>

Fs	75 Hz
Re	11,4 Ω
Qes	0,43
Qms	7,15
Qts	0,41
Vas	5,7 dm <sup>3</sup>
Sd	95 cm <sup>2</sup>
η <sub>0</sub>	0,47 %
Xmax	3,5 mm
Xvar	4,50 mm
Mms	11,0 g
Bl	11,40 Txm
Le	1,07 mH
Cms	452,0 μm/N

## Mounting Information

Overall Diameter	155 mm ( 6,10 in )
Bolt Circle Diameter	142 mm ( 5,59 in )
Baffle Cutout Diameter	122 mm ( 4,8 in )
Depth	95 mm ( 3,7 in )
Flange / Gasket Thickness	9 mm ( 0,35 in )
Net Weight	0,85 Kg ( 1,93 lb )

(1) A.E.S. Standard

(2) Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

(3) Applied RMS Voltage is set to 4V for 16 ohms Nominal Impedance. Average SPL from 200 to 2000 Hz

(4) Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.