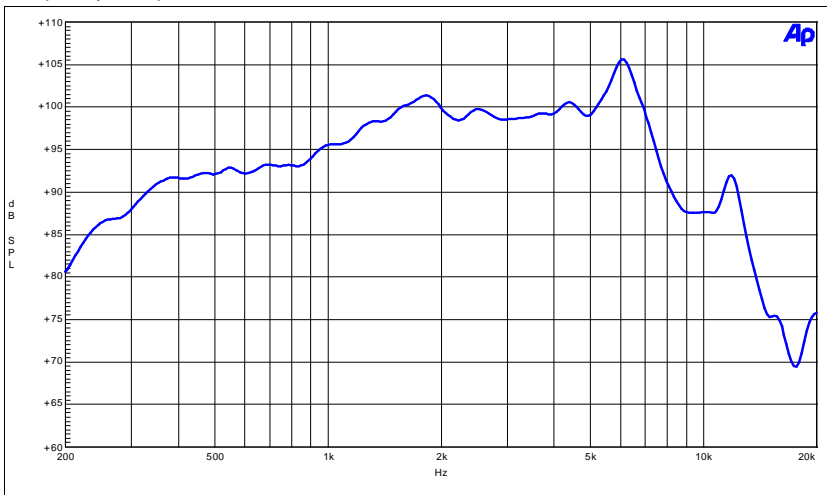




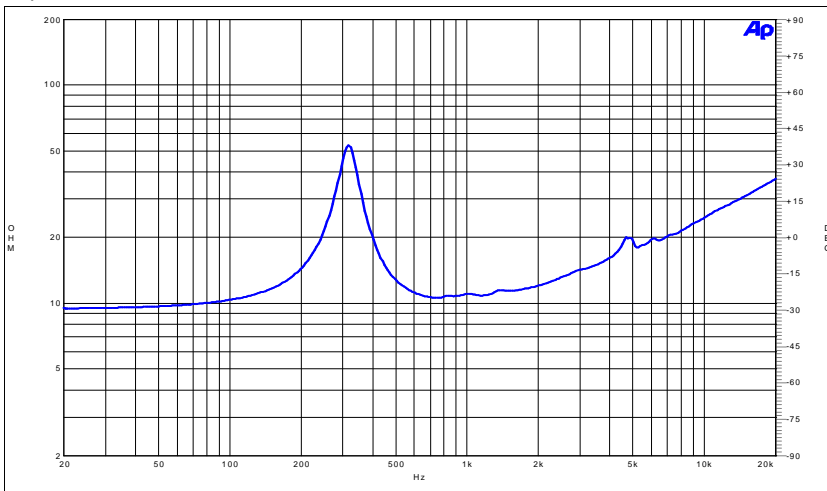
5NSM38-16

Rev: 0

Frequency Response



Impedance



Specifications

Nominal Diameter	
Nominal Impedance	16 Ω
Minimum Impedance	11 Ω
Power Handling	
Nominal ¹	100 W
Continuous Program ²	200 W
Sensitivity (1W/1m) ³	100 dB
Frequency Range	450-6000 Hz
Voice Coil Diameter	38,50 mm
Winding Material	Aluminium
Former Material	Fiber Glass
Winding Depth	7,30 mm
Magnetic Gap Depth	6 mm
Flux Density	1,42 T
Surround Material	PolyCotton
Surround Shape	Double Roll
Spider Material	Cotton
Magnet Material	Neodymium
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"/>

19/05/2017

Thiele & Small Parameters⁴

Fs	310 Hz
Re	9,4 Ω
Qes	1,17
Qms	5,80
Qts	0,98
Vas	0,4 dm³
Sd	95 cm²
η ₀	1,05 %
Xmax	2,2 mm
Xvar	3,00 mm
Mms	7,9 g
Bl	11,20 Txm
Le	0,25 mH
Cms	33,0 μm/N

Mounting Information

Overall Diameter	
Bolt Circle Diameter	
Baffle Cutout Diameter	
Depth	107 mm (4,20 in)
Flange / Gasket Thickness	
Net Weight	1,40 Kg (3,18 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 500 to 2500 Hz

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