10" 700W

Code Z006018

10 S 3 CP 4Ω

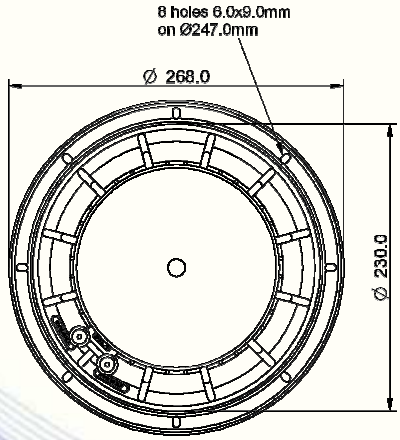
Sub-Woofer

- 3” voice coil Kapton former.
- Progressive wave Konex spider.
- Cloth surround with DAR technology
- Autoclave waterproof cone treatment.
- Ventilated magnet and voice coil to reduce power compression.
- 94.3 dB sensitivity.

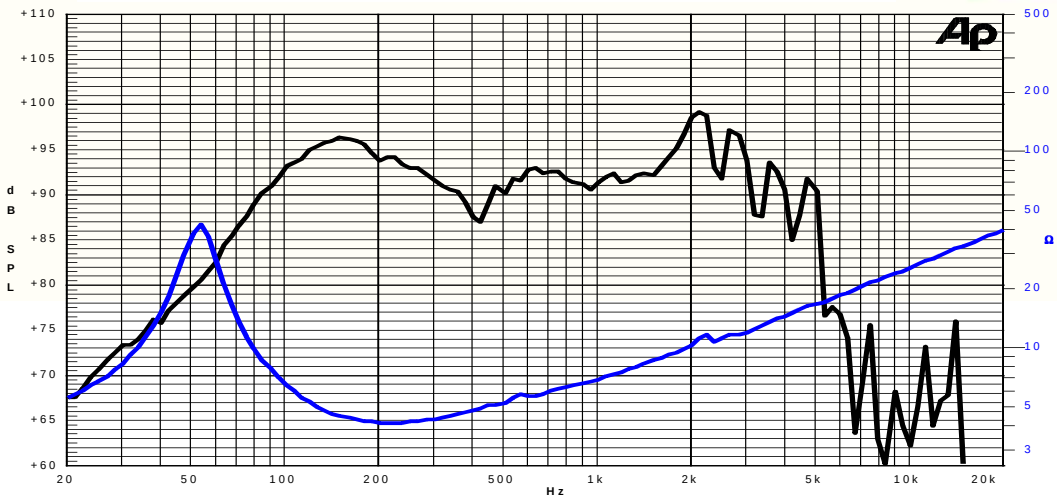
Specifications	
Nominal Diameter	268mm (10")
Nominal Impedance	4Ω
Rated Power AES (1)	350W
Continuous Program Power (2)	700W
Sensitivity @ 1W/1m (3)	94.3dB
Voice Coil Diameter	75mm (3")
Voice Coil Winding Depth	19mm
Magnetic Gap Depth	10mm
Flux Density	0.81T
Magnet Weight	1790g
Net Weight	6.5kg

Thiele & Small Parameters (4)			
Re	3.19Ω	Fs	54.2Hz
Qms	4.40	Qes	0.42
Qts	0.38	Mms	41.5g
Cms	208µm/N	Bxl	10.37Tm
Vas	35.3l	Sd	346.4cm^2
X max(5)	+/-5.5mm	X var (6)	+/-7.8mm
η_0	1.29%	Le (1kHz)	0.65mH

Costructive Characteristics	
Magnet	: Ferrite
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Aluminium
Voice Coil Former Material	: Kapton
Cone Material	: Paper
Cone Treatment	: Humidity Resistant Pulp
Surround Material	: Treated Cloth
Dust Dome Material	: Solid Paper



Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m – Free Air Impedance



Note:
1 : Rated Power measured with 2 hours test with pink noise signal, 6dB crest factor, loudspeaker mounted on enclosure
2: Power on Continuous Program is defined as 3 dB greater than the Rated Power
3: Calculated by Thiele & Small parameters
4: Thiele & Small parameters measured with laser system without preconditioning test
5: Measured with respect to a THD of 10% using a parameter-based method
6: Value corresponding to a decay of the Force Factor, or Compliance, or both, equal to the 50% of the small signal value.
7: Drawing dimensions: mm
8: The notch around 400Hz on the frequency response is typical of the measurement on IEC baffle

Due to continuing product improvement, the features and the design are subject to change without notice. 12/04/12

SICA Altoparlanti s.r.l. - ITALY – website: www.sica.it - E-mail: lab@sica.it - Tel. +39-071-7958072 - Fax +39-071-7959006