6" 200W

Code Z004060

6 L1 1,5 SL 8Ω

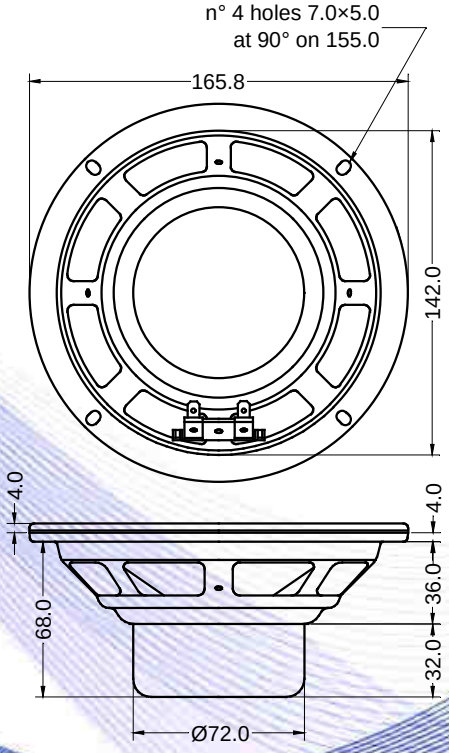
Professional Woofer

- 1.5” voice coil aluminium former
- Cone waterproof treatment
- Balanced Neodymium magnet circuit
- 93.8 dB sensitivity

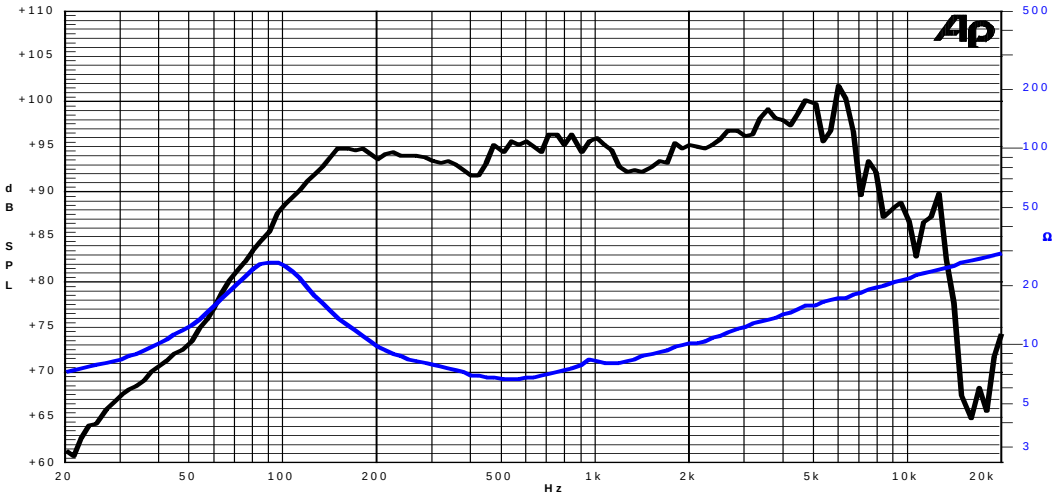
Specifications	
Nominal Diameter	165mm (6")
Nominal Impedance	8Ω
Rated Power AES (1)	100W
Continuous Program Power (2)	200W
Sensitivity @ 1W/1m (3)	93.8dB
Voice Coil Diameter	38mm (1,5")
Voice Coil Winding Depth	9mm
Magnetic Gap Depth	6mm
Flux Density	1.23T
Magnet Weight	126g
Net Weight	0.90kg

Thiele & Small Parameters (4)			
Re	5.01Ω	Fs	92.3Hz
Qms	1.59	Qes	0.46
Qts	0.36	Mms	11.6g
Cms	255µm/N	Bxl	8.58Tm
Vas	5.5l	Sd	122.7cm^2
X max(5)	+/-2.1mm	X var (6)	+/-3.6mm
η_0	0.90%	Le (1kHz)	0.30mH

Constructive Characteristics	
Magnet	: Neodymium
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Aluminium
Cone Material	: Paper
Cone Treatment	: Surface Waterproof Treatment
Surround Material	: Treated Cloth
Dust Dome Material	: Treated Cloth



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. 27/03/14

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