6" 160W

Code Z004054

6 F 1,5 CP 8Ω

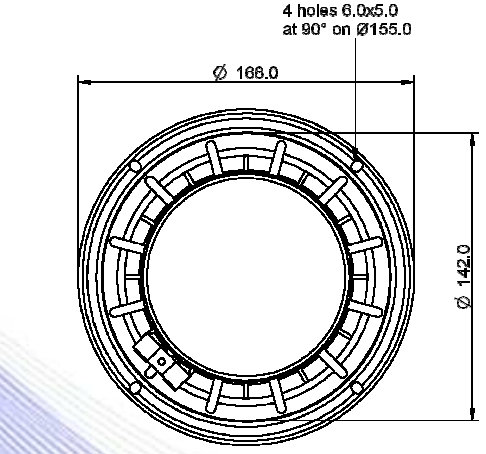
Professional Woofer

- 1.5” voice coil aluminium former.
- Progressive wave spider.
- Rubber surround with DAR technology.
- Ventilated voice coil to reduce power compression.
- 91.2 dB sensitivity.

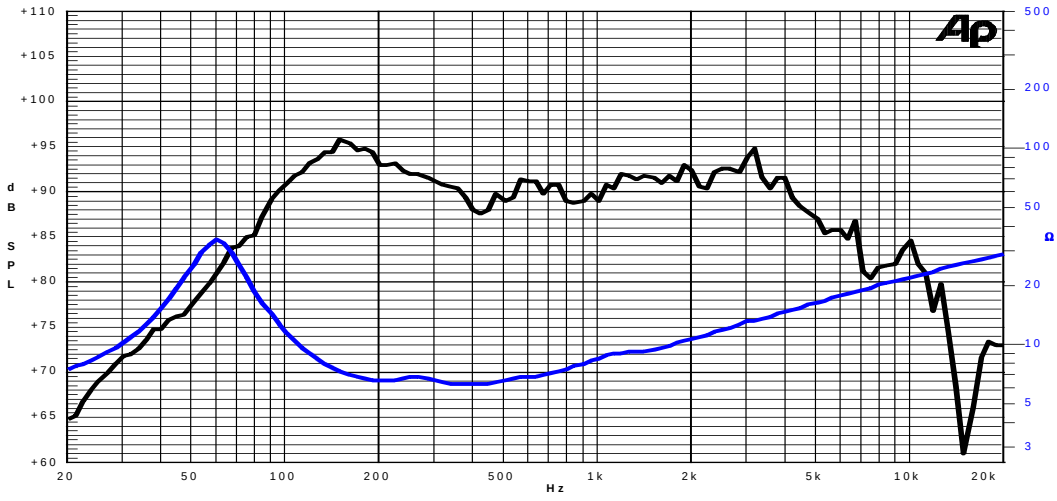
Specifications	
Nominal Diameter	166mm (6")
Nominal Impedance	8Ω
Rated Power AES (1)	80W
Continuous Program Power (2)	160W
Sensitivity @ 1W/1m (3)	91.2dB
Voice Coil Diameter	38mm (1,5")
Voice Coil Winding Depth	11mm
Magnetic Gap Depth	6mm
Flux Density	1.05T
Magnet Weight	426g
Net Weight	1.5kg

Thiele & Small Parameters (4)			
Re	5.09Ω	Fs	60.0Hz
Qms	2.79	Qes	0.48
Qts	0.40	Mms	12.6g
Cms	565µm/N	Bxl	7.08Tm
Vas	12.0l	Sd	122.7cm^2
X max(5)	+/-3.0mm	X var (6)	+/-6.0mm
η_0	0.51%	Le (1kHz)	0.54mH

Costructive Characteristics	
Magnet	: Ferrite
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Aluminium
Cone Material	: Paper
Cone Treatment	: No
Surround Material	: Rubber
Dust Dome Material	: Paper Ogive



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. 21/06/12

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