18" 700W

Code Z008364

18 F 3 CP 4Ω

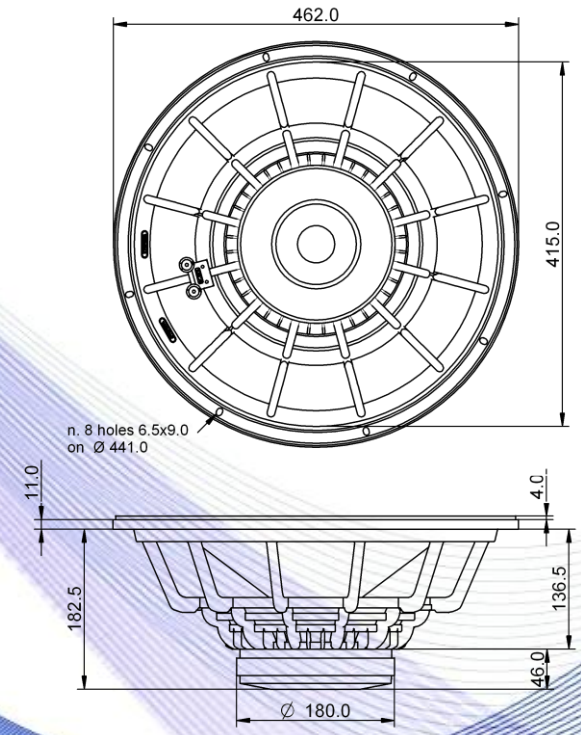
Professional Woofer

- 3” sandwich voice coil fiberglass former
- Ferrite magnet
- Cloth surround with DAR technology
- Autoclave waterproof cone treatment
- 96.0 dB sensitivity

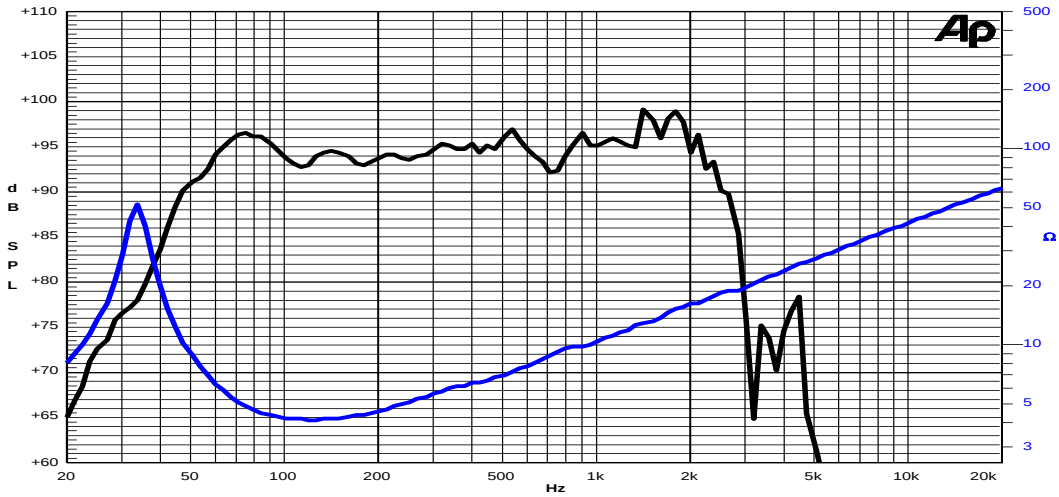
Specifications	
Nominal Diameter	462mm (18")
Nominal Impedance	4Ω
Rated Power AES (1)	350W
Continuous Program Power (2)	700W
Sensitivity @ 1W/1m (3)	96.0dB
Voice Coil Diameter	75mm (3")
Voice Coil Winding Depth	20mm
Magnetic Gap Depth	10mm
Flux Density	1.08T
Magnet Weight	2045g
Net Weight	8.8kg

Thiele & Small Parameters (4)			
Re	3.14Ω	Fs	33.5Hz
Qms	7.43	Qes	0.46
Qts	0.43	Mms	177.9g
Cms	127µm/N	Bxl	15.92Tm
Vas	243.7l	Sd	1164.2cm^2
X max(5)	+/-5.5mm	X var (6)	+/-9.5mm
η_0	1.89%	Le (1kHz)	1.01mH

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



Frequency Response on 150 Litres Vented Box @ 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

Due to continuing product improvement, the features and the design are subject to change without notice. 09/10/15

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