

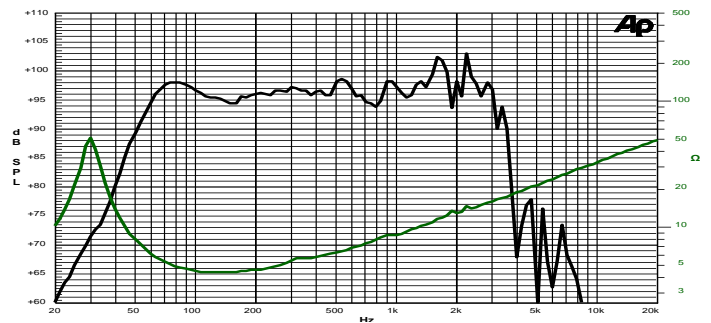
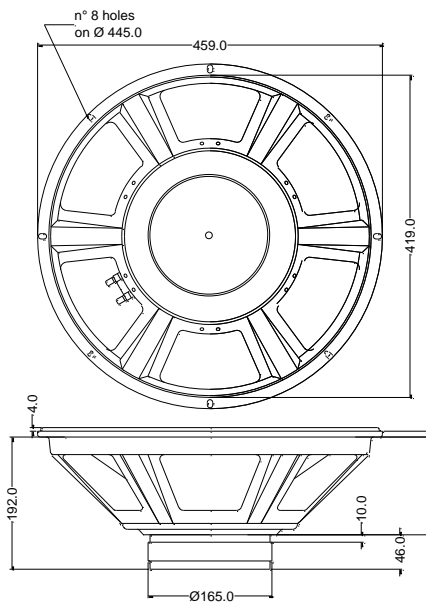
## LP 459.75/1790 T 4Ω

18" | 800 W

Code Z008355

Subwoofer

- 3"** voice coil Fiberglass former
- DAR** Cloth surround with Double Asymmetric Rolls Technology (DAR)
- AWpT** Autoclave Waterproof Cone Treatment
- BMF** Balanced Ferrite Magnet Circuit
- VM** Ventilated Magnet to reduce Power Compression
- 97.0 dB** sensitivity
- Frequency Range** 30-3000 Hz



Frequency Response on 150 Lt @ 45 Hz Vented Box @ 1W, 1m  
Free Air Impedance

### General Specifications

Nominal Diameter	459 mm (18")
Nominal Impedance	4 Ω
Rated Power AES <sup>(1)</sup>	400 W
Continuous Program Power <sup>(2)</sup>	800 W
Sensitivity @ 1W/1m <sup>(3)</sup>	97.0 dB
Voice Coil Diameter	75 mm (3")
Voice Coil Winding Depth	15 mm
Magnetic Gap Depth	10 mm
Flux Density	0.98 T
Magnet Weight	1790 g
Net Weight	7.7 kg

### Thiele & Small Parameters <sup>(4)</sup>

Re	3.1 Ω	Fs	30.6 Hz
Qms	7.69	Qes	0.45
Qts	0.43	Mms	131.7 g
Cms	205 μm/N	Bxl	13.31 Tm
Vas	392.8 l	Sd	1164.2 cm <sup>2</sup>
X max <sup>(5)</sup>	+/-5.0 mm	X var <sup>(6)</sup>	+/-8.0 mm
η <sub>o</sub>	2.39 %	Le (1kHz)	0.82 mH

### Constructive Characteristics

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

### Mounting Information

Overall Diameter	459 mm
Baffle Cutout Diameter	421 mm
Mounting Holes	8 holes ø8,5 on ø445 mm
Total Depth	206 mm

<sup>(1)</sup> Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor, loudspeaker in free air, power calculated on rated Zmin. <sup>(2)</sup> Power on Continuous Program is defined as 3dB greater than the Rated Power. <sup>(3)</sup> Calculated by Thiele & Small parameters, for SPL average in box refer to frequency response. <sup>(4)</sup> Thiele & Small parameters measured with laser system after preconditioning test. <sup>(5)</sup> Measured with respect to a THD of 10%. <sup>(6)</sup> Value corresponding to a decay of the Force Factor, or Compliance, or both, equal to the 50% of the small signal value. <sup>(7)</sup> Drawing dimensions: mm.