1752NdU

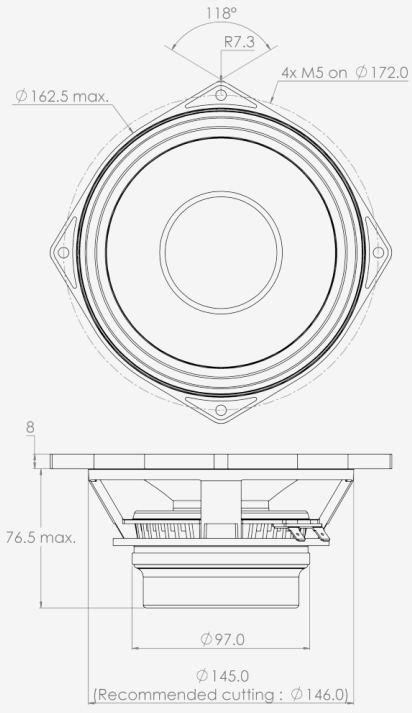
'6.5 inches low-mid driver

Nominal Diameter	**6.5" / 15cm**
Rated Impedance	**8 Ω**
Half space sensitivity (1W@1m)	**95.5 dB SPL**
Power Handling Capacity	**200 W AES**
SPL max (continuous)	**116 dB SPL**
Usable frequency range	**100 - 4000 Hz**
Speaker net mass	**1.9 kg**

Architecture Highlights

- Neodymium magnet system with symetric BL(x) and Le(x)
- Noiseless natural convection Intercooler System
- Ultra light CCAR voice coil

Motor architecture			
Magnet material		-	**Nd**
Voice coil diameter		mm	**51**
Voice coil length		mm	**11**
Air gap height		mm	**8**
Typical characteristics			
Rated impedance	Z	Ω	**8**
Half space sensitivity (1W@1m)	-	dB SPL	**95.5**
Usable freq. range	-	HZ	**100 - 4000**
Power handling capacity (AES)	-	W	**200**
Max Sound Pressure Level	SPLmax	dB SPL	**116**
Min. impedance modulus	Zmin	Ω@Hz	**5.9@580**
Voice-coil inductance @ 1kHz	Le1k	mH	**0.722**
Voice-coil inductance @ 10kHz	Le10k	mH	**0.314**
BL product	BL	N/A	**11.9**
Moving mass	Mms	kg	**0.012**
Thiele-Small parameters			
Resonance frequency	Fs	Hz	**120 (±20)**
DC Resistance	Re	Ω	**5.2 (±0.5)**
Mechanical quality factor	Qms	1	**2.59**
Electrical quality factor	Qes	1	**0.33**
Total quality factor	Qts	1	**0.29**
Suspension compliance	Cms	10^{-6}.m/N	**150**
Effective piston area	Sd	m^2	**0.0145**
Equivalent Cas air load	Vas	m^3	**0.0043**
Max linear excursion	Xmax	mm	**± 3.0**
Linear displacement volume	Vd	$10^{-3}.m^3$	**0.0436**
Reference efficiency	H	%	**2.2**
Unity load volume	$Vas.Qts^2$	$10^{-3}.m^3$	**0.4**
Absolute maximum ratings			
Short term max. input voltage	Vmax	V	**80**
Max.excursion before damage	Xdam	mm	**± 6**
Ambient operating temperature	Ta	°C	**-10 to +50**
Storage temperature		°C	**-20 to +70**
Environemental withstanding			**Humidity proof**



Application information		
Air volume occupied by the driver	$10^{-3}.m^3$	**0.50**
Speaker net mass	kg	**1.9**
Baffle cut-out diameter (front mounting)	mm	**146.0**
Bolt number & Metric diameter	-	**4x M5**
Bolt circle diameter	mm	**172.0**
Max overall dimension (on ears)	mm	**187.5**
Max overall dimension (out of ears)	mm	**163.0**
Flange height	mm	**8.0**
Max magnet diameter	mm	**98.0**
Max depth (front mounting)	mm	**76.5**
Recommended reflex box	Lts / Hz	**5L / 115Hz**
Electrical connection	-	**6.35x0.8 FASTON**