



**NEODYMIUM**

**SUBWOOFER**

## AD502

**50"**

Nominal diameter

**25~200Hz**

Frequency range

**3000W**

Power handling capacity

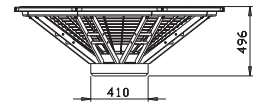
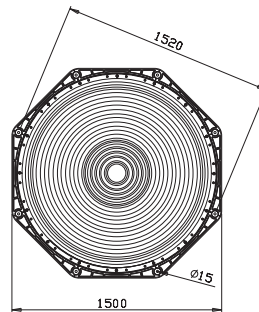
**102dB**

Sensitivity (1W/1m)

### Specifications

Model		AD502
Nominal diameter	in.	50
Power handling capacity	W(AES)	3000
Max power	Watts	6000
Nominal impedance	Ω	4
Sensitivity (1W/1m)	dB	102
Frequency range	Hz	25-200
Voice coil diameter	mm/in	345/13.6
<b>Fs</b>	Hz	14
<b>Re</b>	Ω	3.8
<b>Qms</b>		12.00
<b>Qes</b>		0.36
<b>Qts</b>		0.35
<b>Vas</b>	L	4644
<b>Mms</b>	gr	4294
<b>Cms</b>	mm/N	0.02
<b>BL</b>	Tm	65.0
<b>Le</b>	mH	3.20
<b>Xmax</b>	mm	15.0
<b>nO</b>	%	5.80
<b>Sd</b>	cm <sup>2</sup>	13478
<b>Overall diameter</b>	mm	1500
<b>Bolt circle diamete</b>	mm	1520
<b>Baffle cut-out diameter</b>	mm	1400
<b>Overall depth</b>	mm	500
<b>Net weight</b>	Kg	120

### Dimension Drawings



- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.