NEODYMIUM
SUBWOOFER

SCD18G902

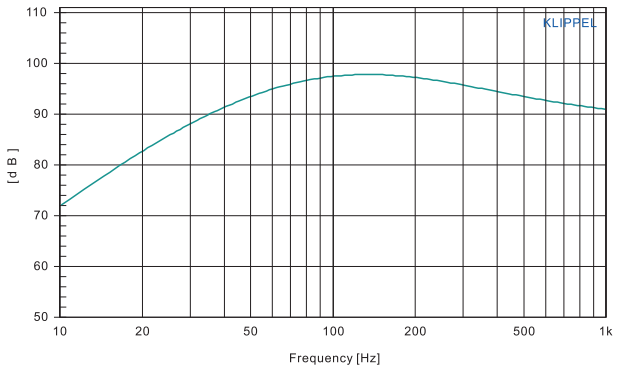
- 1800 Watt Max Power •
- 99.5mm(4inch) voice coil •
- 36Hz to 200Hz frequency response •
- 96.5 dB 1W@1m sensitivity •
- Neodymium magnet structure •
- Carbon Cone •

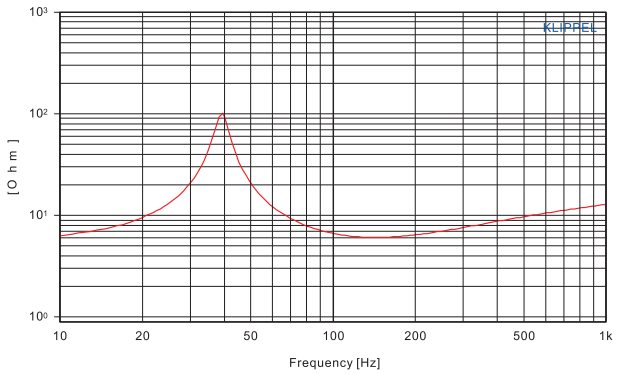
Specifications

Model		SCD18G902
Nominal diameter	in.	18
Power handling capacity	W(AES)	900
Max power	Watts	1800
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	96.5
Frequency range	Hz	36-200
Voice coil diameter	mm/in	99.5/4
Fs	Hz	39
Re	Ω	5.5
Qms		9.70
Qes		0.47
Qts		0.45
Vas	L	134
Mms	gr	260
Cms	mm/N	0.06
BL	Tm	27.3
Le	mH	0.87
Xmax	mm	11
nO	%	1.6
Sd	cm^2	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	215
Net weight	Kg	11.3

- 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.

Frequency Response and Impedance Magnitude Curve





Dimension Drawings