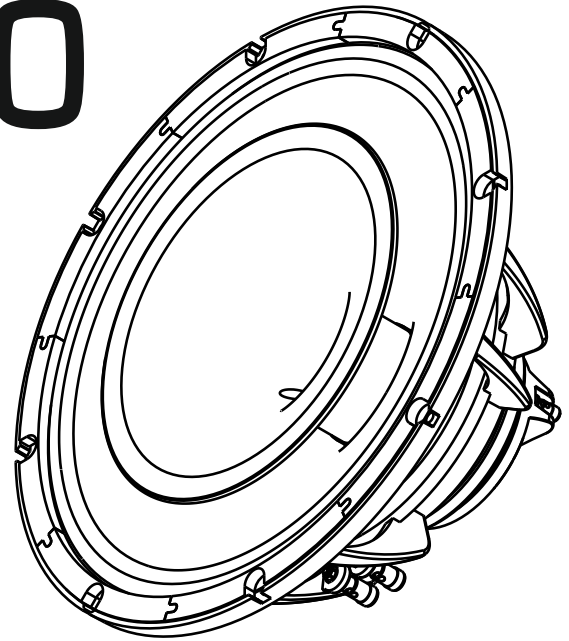


SCX-15450

Neodymium magnet design
COAXIAL SPEAKER

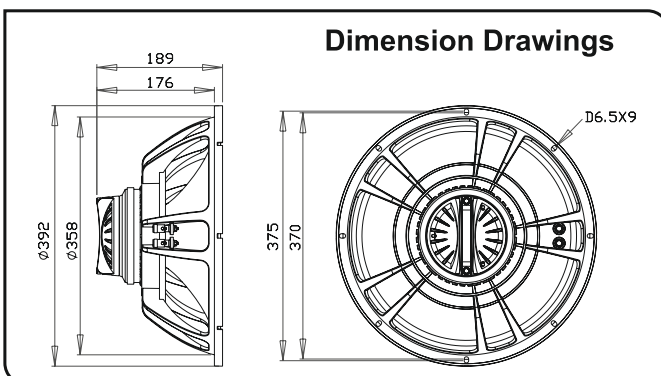


Specifications

Nominal diameter	in.	15	
Power handling capacity	W(AES)	450	
Max power	Watts	900	
Nominal impedance	LF/HF Ω	8/16	
Frequency range	Hz	50-19K	
LF	Sensitivity (1W/1m)	dB	99.5
	Voice coil diameter	mm/in	75.5/3
	Fs	Hz	50
	Re	Ω	5.5
	Qms		4.50
	Qes		0.41
	Qts		0.38
	Vas	L	119
	Mms	gr	88
	Cms	mm/N	0.11
	BL	Tm	19.2
	Xmax	mm	5.0
	HF	Throat diameter	mm/in.
Power handling capacity		W(AES)	60
Nominal impedance		Ω	16
Sensitivity (2.83V/1m)		dB	106
Frequency range		Hz	1K-18K
	Voice coil diameter	mm/in	44.4/1.75
	Re	Ω	11
	Overall diameter	mm	392
	Bolt circle diameter	mm	370-375
	Baffle cut-out diameter	mm	358
	Overall depth	mm	189
	Net weight	Kg	5.5

- 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.

Dimension Drawings



Frequency Response and Impedance Magnitude Curve

