

HI ENERGY

HV 200

300 watt

Technical Specifications

Component	Woofers	
Size	mm	200 (8")
Power Handling (Watt)	peak	300
	continuous program	150
Impedance	Ohm	4
Frequency response	Hz	35-5k
Sensitivity	dB/SPL	94
Outer diameter	mm	211
Mounting hole diameter	mm	185
Magnet size	mm	110
Total depth	mm	93
Mounting depth	mm	87
Weight of one component	kg	1,994
Voice coil diameter	mm	38



1. Soft iron plates for high heat dissipation; they are part of a motor designed to insure symmetrical magnetic flux.
2. Over-sized magnet; it provides necessary energy for mobile voice coil control.
3. Very thick copper voice coil, wound on kapton former, for very good thermal and mechanical capacity.
4. Vented bottom plate; it improves excursion linearity and thermal dissipation.
5. Paper cone with cotton fibre.
6. Central phase plug; it insures flat off-axis response.
7. DIN size basket protected from abrasion and corrosion.
8. Gold-plated, high current terminals.
9. Lead wires plastic support with silicone; it can stand hard mechanical stress.
10. High density, double wave rubber surround; it insures mobile voice coil long, linear excursion.
11. Basket and motor are coupled and damped through special epoxy glue.
12. Wide-wave, resin-bonded fibre spider insures mechanical reliability and lasting, constant parameters.

Electro-Acoustic Parameters

D	mm	165
Xmax	mm	5
Re	ohm	3
Fs	Hz	40
Le	mH@1kHz	0,86
Le	mH@10kHz	0,16
Vas	lit	35,0
Mms	gr	28,0
Cms	mm/N	0,54
BL	T-m	6,50
Qts		0,48
Qes		0,50
Qms		11,00
Spl (1m/2,83V)	dB	94

