

HI ENERGY

HL70

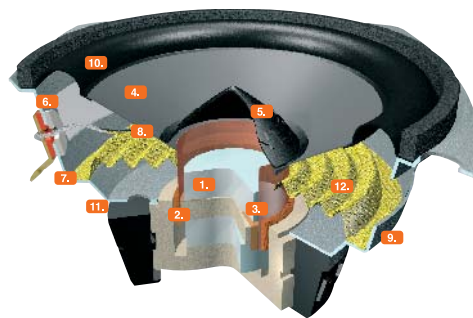
100 watt

Technical Specifications

Component	Full range	
Size	mm	70 (3")
Power Handling (Watt)	peak	100
	continuous program	50
Impedance	Ohm	4
Frequency response	Hz	200-14k
Sensitivity	dB/SPL	92
Outer diameter	mm	79
Mounting hole diameter	mm	71
Magnet size	mm	47
Total depth	mm	45
Mounting depth	mm	41
Weight of one component	kg	0,107
Voice coil diameter	mm	20

1. REN® neodymium double magnet for maximum energy in minimum space.
2. Three layer copper voice coil wound on kapton former for excellent thermal and mechanical capacity.
3. Copper central pole; it provides flat impedance and response at high frequencies.
4. Polypropylene injected cone.
5. Central phase plug; it insures flat off-axis response.
6. Anti-vibration rubber gasket.
7. Gold-plated, high current terminals.
8. Thick lead wire, fixed with silicone in order to stand hard mechanical stress.
9. DIN size basket protected from abrasion and corrosion.
10. High density rubber surround, glued with heat resistant adhesive.
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.

HERTZ



Electro-Acoustic Parameters

D	mm	62
Xmax	mm	2
Re	ohm	3
Fs	Hz	155
Le	mH@1kHz	0,42
Le	mH@10kHz	0,13
Vas	lit	0,42
Mms	gr	3,1
Cms	mm/N	0,33
BL	T-m	3,90
Qts		0,53
Qes		0,59
Qms		5,88
Spl (1m/2,83V)	dB	92

