Technology and Art of Sound
Manufactured by elettromedia Italy

HERTZ

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energy

EM 100

150 watt

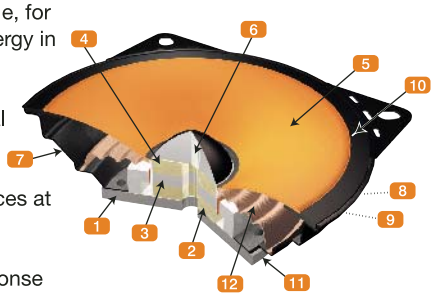
Technical Specifications

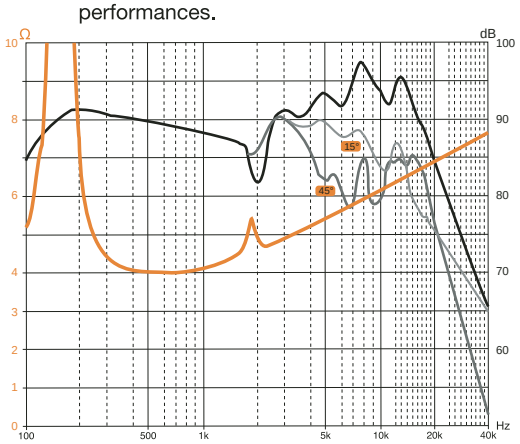
Component		Cone Midrange
Size	mm	100 (4")
Power Handling (Watt)	peak continuous program	150 75
Impedance	Ohm	4
Frequency response	Hz	400-14,5k
Sensitivity	dB/SPL	93
Outer diameter	mm	102
Mounting hole diameter	mm	93
Magnet size	mm	58
Total depth	mm	30
Mounting depth	mm	27,5
Weight of one component	kg	0,226
Voice coil diameter	mm	25

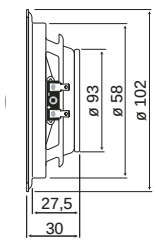
Electro-Acoustic Parameters

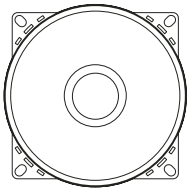
D	mm	88
Xmax	mm	0,5
Re	ohm	3,4
Fs	Hz	154
Le	mH@1kHz	0,14
Le	mH@10kHz	0,06
Vas	lit	1,37
Mms	gr	4,0
Cms	mm/N	0,26
BL	T-m	3,11
Qts		1,12
Qes		1,38
Qms		5,97
Spl (1m/2,83V)	dB	93

1. Low carbon content plates for maximum magnetic permeability and high heat dissipation.
2. Double neodymium magnet and central T-pole, for perfectly symmetrical field and maximum energy in minimum space.
3. Pure copper voice coil, wound on aluminium former, for very good thermal and mechanical capacity.
4. Pure copper covered central pole, for linear impedance and the best acoustic performances at mid-high frequencies.
5. Water-repellent treated paper cone.
6. Central phase plug, for the best off-axis response at mid-high frequencies.
7. DIN size basket protected by abrasionproof and anticorrosive paint.
8. Gold-plated, high current terminals.
9. Silver-plated lead wires for maximum reliability and conductivity.
10. Flat Foam surround, for the flattest mid frequency response and for bigger radiant surface.
11. Epoxy glue for basket and motor system perfect coupling.
12. Curve memory Nomex spider for constant performances.









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