

285-2000 EXC

Bass medium drive unit.



Evolution of the 285 GMF, this loudspeaker offers qualities of reproduction close to the version ferrite (GMF) because they have the same moving element.

On the other hand the oversize engine of excitation makes it possible the 285 to pass the barrier of 100dB SPL.

Its magnetic field is adjustable and adaptable of this fact to many enclosures, it requires an external power supply (ideal of 6 to 12V for 5A).

Mesurement curves

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285-2000 EXC specifications

Efficiency 1 W/1m at Fs	93 à 102dB	Power supply	0 à 12 Volts CC.
Frequency response	50 à 7kHz	Magnetic field	0 à 1.6 T
Impedance	8 ohms	Diameter HP	290/307 mm
Power max. RMS	70 W	Frame thickness	Alu 8mm
Weight	7.5 kg	Diameter fixation holes	294 mm
Suspension	Papier	Diameter drilling enclosure	280 mm
Resonance frequency	50 Hz	Depth HP	180 mm
Linear excursion	+/- 4 mm	Sd	471 cm ²

Thiele et Small parameters

Fs	Mms	Cms	R dc
53 Hz	18.5 g	0.49	6.5

Vcc	6 V	7 V	8 V	9 V	10 V	11 V	12 V
Vas	154	158	154	156	154	155	154
Qts	0.64	0.49	0.39	0.31	0.27	0.25	0.21

Qe	0.68	0.51	0.41	0.32	0.27	0.25	0.22
Qm	10.48	10	9.31	9.33	8.83	7.9	8.2
BI	7.74	8.8	9.98	11.1	12.1	12.6	13.5
SPL ref	97.1	98.5	99.4	100	101	101	102