

10" WOOFER

RARE-EARTH-FREE

10" - 300 W - 91 dB



NOMINAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	230 mm (9.06 in)
Depth	116.3 mm (4.58 in)
Flange and gasket Thickness	17 mm (0.67 in)
Net Weight	3.6 kg (7.9 lb)

- NOTES:**
- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
 - (2) Maximum power is defined as 3dB greater than nominal power
 - (3) "Kaiten" is a patented technology of Faital S.p.A.
 - (4) NBR (Rubber)
 - (5) $X_{max} = [(Winding\ Depth - magnetic\ gap\ depth) / 2] + (magnetic\ gap\ depth / 3)$
 - (6) Maximum excursion before permanent damage

TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	7.5 Ω
AES Power Handling (1)	300 W
Maximum Power Handling (2)	600 W
Sensitivity (1W/1m)	91 dB
Frequency Range	40÷2500 Hz
Voice Coil Diameter	65 mm (2.56 in)
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	20.7 mm (0.81 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.3 T
Magnet (3)	26 x Iron Nitride Kaitens
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (4)	Half Roll
NET Air Volume filled by Loudspeaker	1.04 dm³ (0.037 ft³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	40 Hz
Re	6.2 Ω
Qes	0.38
Qms	7.7
Qts	0.36
Vas	38.4 dm³ (1.35 ft³)
Sd	343.5 cm² (53.24 in²)
Xmax (5)	9.35 mm
Xdamage (6)	17.7 mm
Mms	68 g
Bl	16.8 N/A
Le	0.68 mH
Mmd	60.8 g
Cms	0.23 mm/N
Rms	2.2 kg/s
η _o (Eta Zero)	0.63 %
EBP	107 Hz

