



4FE35

4" - 30 W - 91 dB

NOMINAL SPECIFICATIONS

Nominal Diameter	100 mm (4 in)
Overall Diameter	129.85/100.5 mm (5.11/3.96 in)
Bolt Circle Diameter	115.26 mm (4.54 in)
Baffle Cutout Diameter	91.5 mm (3.60 in)
Depth	58.3 mm (2.30 in)
Flange and gasket Thickness	7.2 mm (0.28 in)
Net Weight	570 g (1.26 lb)
Shipping Box	225 x 225 x 150 mm
(Single Carton Box - 8 units)	(8.86 x 8.86 x 5.91 in)
Shipping Weight (8 units)	5 kg (11.02 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	7.2 Ω
AES Power Handling (1)	30 W
Maximum Power Handling (4)	60 W
Sensitivity (1W/1m)	91 dB
Frequency Range	90 ÷ 20000 Hz
Voice Coil Diameter	19 mm (0.75 in)
Winding Material	Al
Former Material	Kapton
Winding Depth	6.8 mm (0.27 in)
Magnetic Gap Depth	4 mm (0.16 in)
Flux Density	1.1 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	Copper Cap
Cone Surround (5)	Half Roll
NET Air Volume filled by Loudspeaker	0.150 dm ³ (0.005 ft ³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	6.5 Ω
Qes	1.04
Qms	4.2
Qts	0.84
Vas	2 dm ³ (0.07 ft ³)
Sd	48 cm ² (7.44 in ²)
Xmax (2)	2.73 mm
Xdamage (3)	6.8 mm
Mms	3.9 g
Bl	3.9 N/A
Le	0.1 mH
Mmd	3.7 g
Cms	0.65 mm/N
Rms	0.6 kg/s
η _e (Eta Zero)	0.19 %
EBP	96 Hz

NOTE:

- 2 Hours Test According to AES 2-1984 Rev. 2003
 - Xmax = [(Winding Depth - magnetic gap depth)/2] + (magnetic gap depth / 3)
 - Maximum excursion before permanent damage
 - Maximum power is defined as 3dB greater than nominal power
 - NBR
- Packaged and sold in multiples of 8 units

