PROFESSIONAL LOUDSPEAKERS

10RS350

10" - 300 W - 91 dB - 4 Ohm



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	116.5 mm (4.59 in)
Flange and Gasket Thickness	17.1 mm (0.67 in)
Net Weight	**4.2 kg (9.3 lb)**
Shipping Box (Single Carton Box)	282 x 280 x 140 mm (11.0 x 11.0 x 5.5 in)
Shipping Weight	4.8 kg (10.6 lb)

PART NUMBER

Push Terminals - 4 Ohm Version	02504281
Recone Kit - 4 Ohm Version	R2504281

TECHNICAL PARAMETERS

Nominal Impedance	4 Ohm
Minimum Impedance	3.8 Ohm
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	Al
Former Material	Glass Fiber
Winding Depth	17 mm (0.67 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1.2 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround **(3)**	Half Roll
NET Air Volume filled by Loudspeaker	1.4 dm^3 (0.049 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	40 Hz
Re	3.2 Ohm
Qes	0.33
Qms	6.2
Qts	0.31
Vas	40.6 dm^3 (1.43 ft^3)
Sd	344 cm^2 (53.32 in^2)
Xmax **(4)**	7.17 mm
Xdamage **(5)**	18.15 mm
Mms	64.5 g
Bl	12.5 N/A
Le	0.45 mH
Mmd	57.3 g
Cms	0.25 mm/N
Rms	2.6 kg/s
Eta Zero	0.76 %
EBP	121 Hz

NOTES:

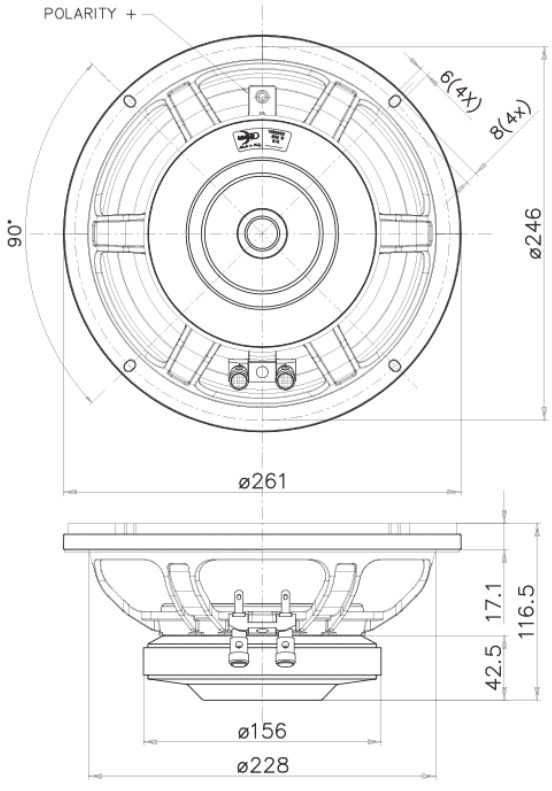
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

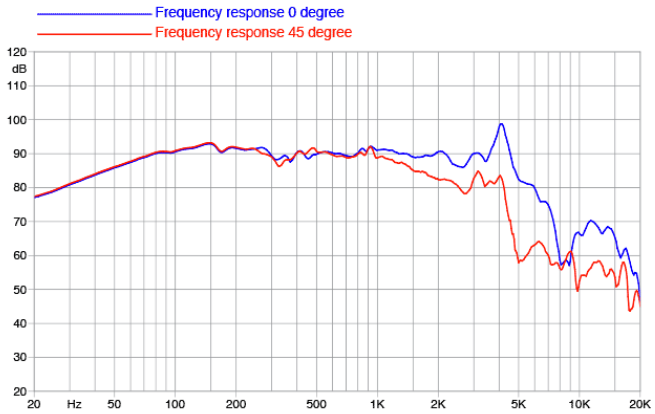
(2) Maximum power is defined as 3dB greater than nominal power.

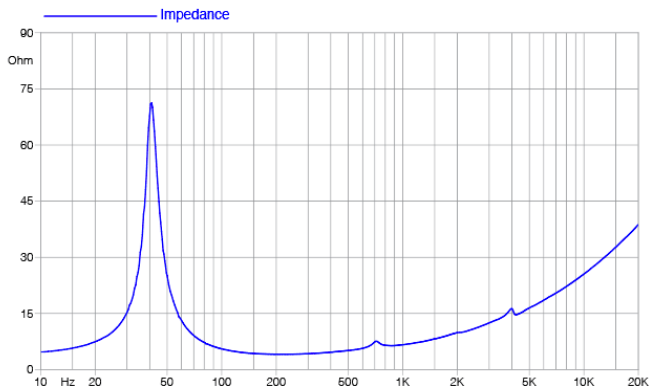
(3) NBR (Rubber)

(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

(5) Maximum excursion before permanent damage







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