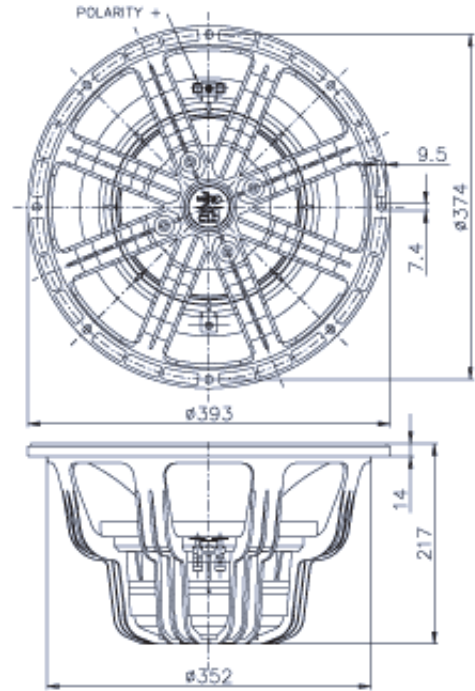




15XL1400 High Performance Series



NOMINAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Overall Diameter	393 mm (15.47 in)
Bolt Circle Diameter	374 mm (14.72 in)
Baffle Cutout Diameter	351.8 mm (13.85 in)
Depth	215 mm (8.46 in)
Flange and Gasket Thickness	13.7 mm (0.54 in)
Net Weight	11.2 Kg (24.7 lb)
Shipping Box (Single Carton Box)	430x427x275 mm (16.9x16.8x10.8 in)
Shipping Weight	13.5 Kg (29.76 lb)

ELECTRICAL SPECIFICATION

Minimum Impedance	7.4 Ohm
Nominal Impedance	8 Ohm
AES Power Handling *	1400 W
Maximum Power Handling **	2800 W
Sensitivity (1W/1m)	97 dB
Frequency Range	40÷2500 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	31 mm (1.22 in)
Magnetic Gap Depth	15.5 mm (0.31 in)
Flux Density	1.05 T
Magnet	Neodymium Slug Crown
Demodulation	Triple AI Dem.
Suspension ***	Triple Roll

THIELE & SMALL PARAMETERS

Fs	38 Hz
Re	5.4 Ohm
Bl	26.7 N/A
Mms	190 g
Cms	0.1 mm/N
Rms	4.36 Kg/s
Qes	0.34
Qms	10.4
Qts	0.33
Vas	79.7 dm ³ (2.81 ft ³)
Sd	780 cm ² (120.9 in ²)
Xmax ****	12.9 mm
Xdamage *****	28 mm
Le	1.6 mH
Mmd	177.7 g
Eta Zero	1.24 %
EBP	112 Hz

NOTES

PATENT PENDING

Spider Profile: 2x non-adjacent symmetrical constant height waves

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

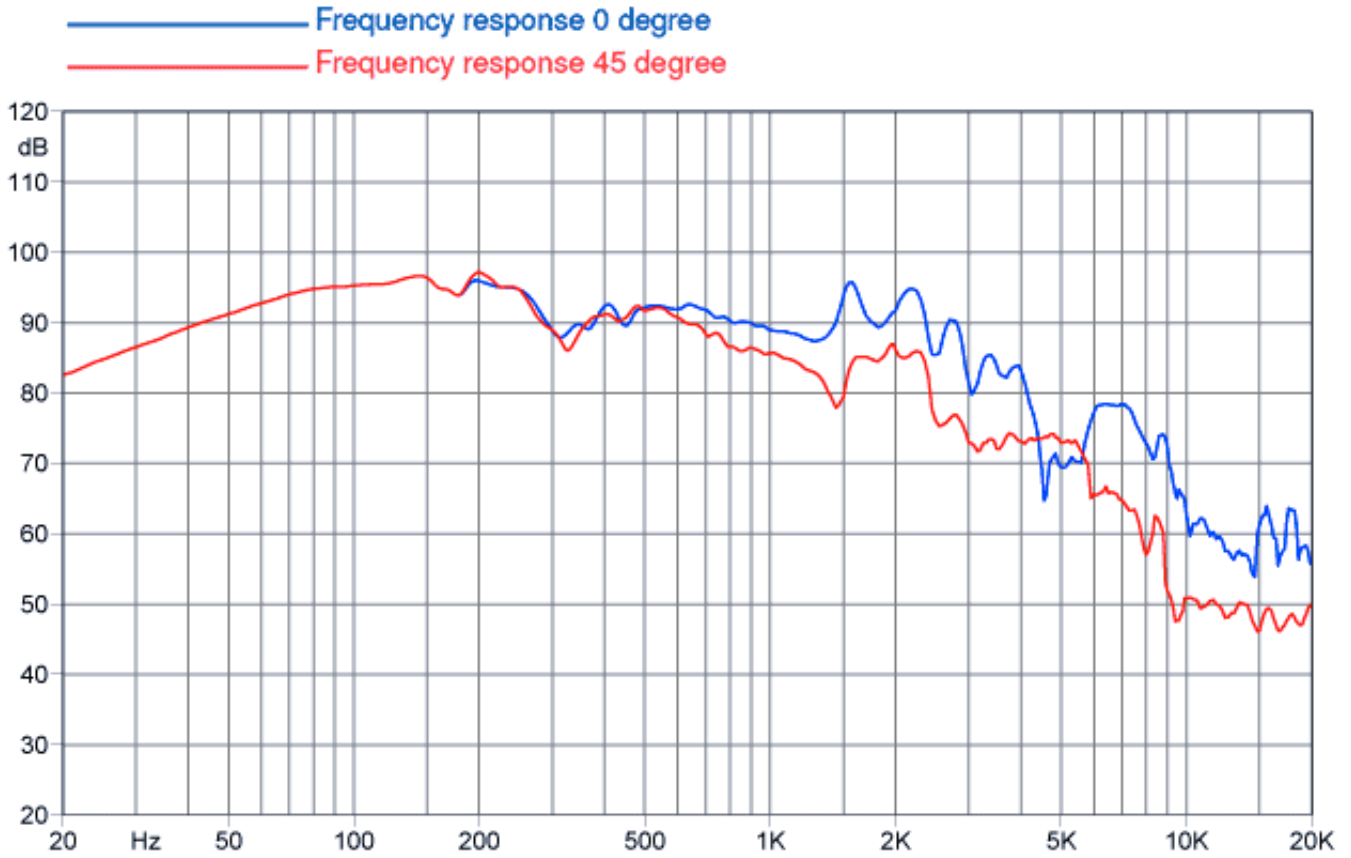
(**) Maximum power is defined as 3dB greater than nominal power.

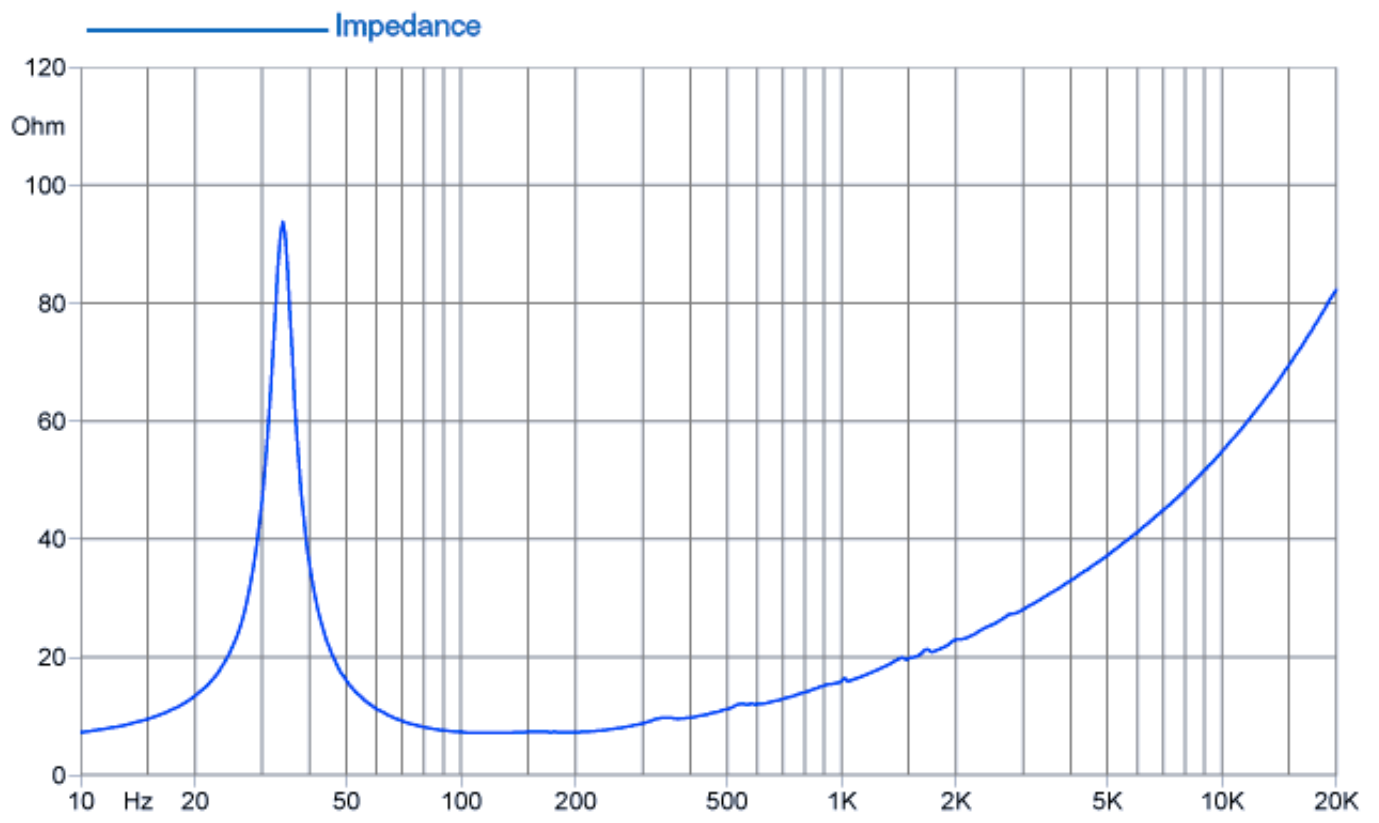
(***) Treated Polycotton

(****) $X_{max} = [(winding\ depth - magnetic\ gap\ depth) / 2] + (magnetic\ gap\ depth / 3)$

(*****) Maximum excursion before permanent damage

CURVES





©Copyright 2012 - Faital S.p.A. Fabbrica Italiana Altoparlanti - All right reserved.