faital PRO PROFESSIONAL LOUDSPEAKERS

10FH530

10" - 500 W - 96 dB - 16 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	130 mm (5.12 in)
Flange and Gasket Thickness	11.5 mm (0.45 in)
Net Weight	**7.5 kg (16.5 lb)**
Shipping Box (Single Carton Box)	294 x 290 x 203 mm (11.6 x 11.4 x 8.0 in)
Shipping Weight	8 kg (17.6 lb)

PART NUMBER

Faston Terminals - 16 Ohm Version	02504226

NOTES:

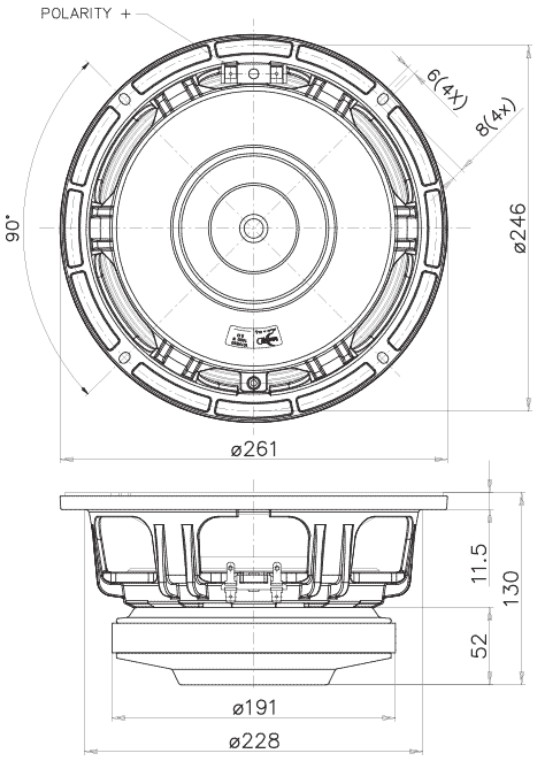
(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Treated Polycotton
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage

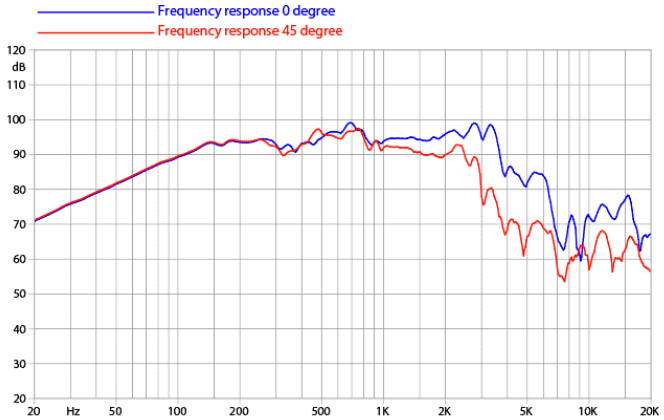
TECHNICAL PARAMETERS

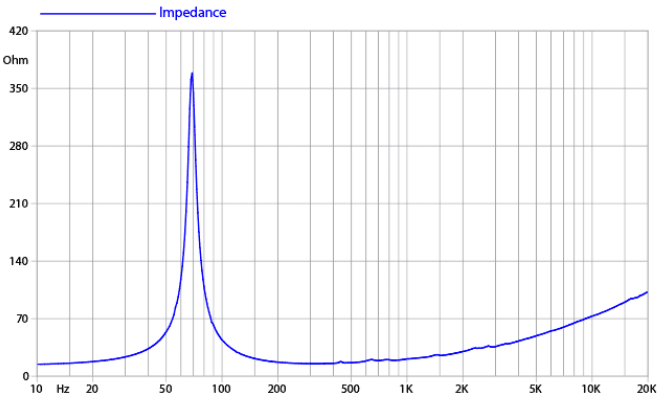
Nominal Impedance	16 Ohm
Minimum Impedance	15.5 Ohm
AES Power Handling **(1)**	500 W
Maximum Power Handling (2)	**1000 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	70÷4000 Hz
Voice Coil Diameter	**77 mm (3 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	18.4 mm (0.72 in)
Magnetic Gap Depth	**10.5 mm (0.41 in)**
Flux Density	1.2 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	2 dm^3 (0.071 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	67 Hz
Re	12.8 Ohm
Qes	0.4
Qms	10.9
Qts	0.39
Vas	20.2 dm^3 (0.71 ft^3)
Sd	347 cm^2 (53.79 in^2)
Xmax **(4)**	7.45 mm
Xdamage **(5)**	18.8 mm
Mms	47.0 g
Bl	25.1 N/A
Le	1.42 mH
Mmd	39.7 g
Cms	0.12 mm/N
Rms	1.81 kg/s
Eta Zero	1.46 %
EBP	168 Hz







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