faital PRO PROFESSIONAL LOUDSPEAKERS

15HP1030

15" - 1000 W - 96 dB - 8 Ohm



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	354 mm (13.94 in)
Depth	188 mm (7.40 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Net Weight	**11.7 kg (25.8 lb)**
Shipping Box (Single Carton Box)	430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in)
Shipping Weight	12.8 kg (28.2 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	03804073
Recone Kit - 8 Ohm Version	R3804073

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)

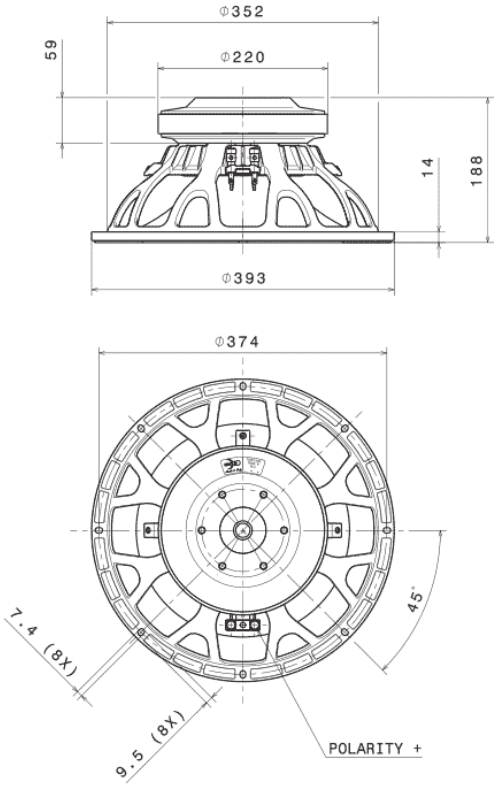
(5) Maximum excursion before permanent damage

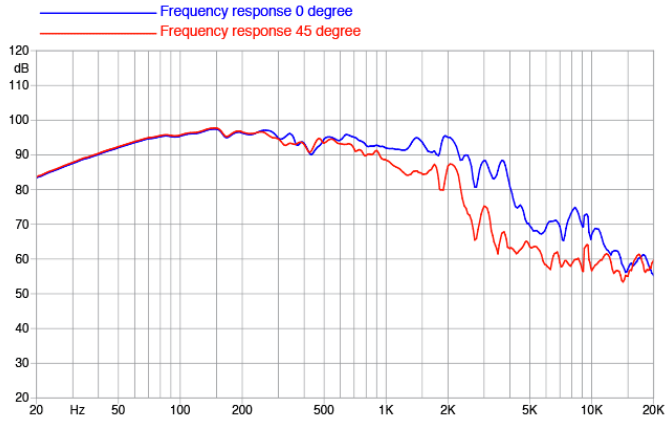
TECHNICAL PARAMETERS

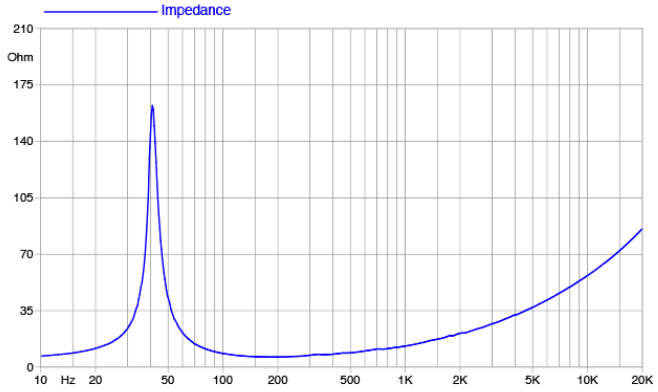
Nominal Impedance	8 Ohm
Minimum Impedance	6.7 Ohm
AES Power Handling **(1)**	1000 W
Maximum Power Handling (2)	**2000 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	40÷2000 Hz
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	28.9 mm (1.14 in)
Magnetic Gap Depth	**12 mm (0.47 in)**
Flux Density	1.1 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	5.1 dm^3 (0.180 ft^3)
Spider Profile	2x non-adjacent symmetrical variable height waves

THIELE & SMALL PARAMETERS

Fs	40 Hz
Re	5 Ohm
Qes	0.35
Qms	11.8
Qts	0.34
Vas	95.0 dm^3 (3.35 ft^3)
Sd	842 cm^2 (130.51 in^2)
Xmax **(4)**	12.45 mm
Xdamage **(5)**	23.05 mm
Mms	165.0 g
Bl	24.3 N/A
Le	1.4 mH
Mmd	137.4 g
Cms	0.10 mm/N
Rms	3.5 kg/s
Eta Zero	1.68 %
EBP	114 Hz







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