PROFESSIONAL LOUDSPEAKERS

15HP1010

15" - 700 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	183 mm (7.20 in)
Flange and Gasket Thickness	13.3 mm (0.52 in)
Net Weight	**9.8 kg (21.5 lb)**
Shipping Box (Single Carton Box)	430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in)
Shipping Weight	10.8 kg (23.8 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	03804070
Recone Kit - 8 Ohm Version	R3804070

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)

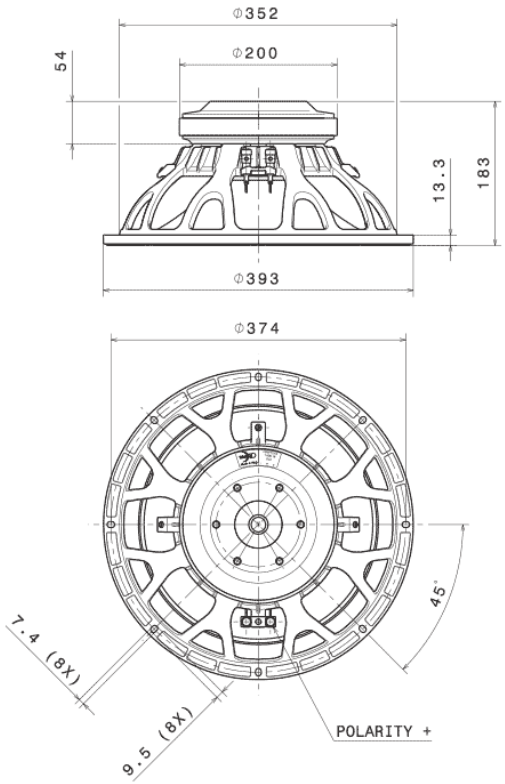
(5) Maximum excursion before permanent damage

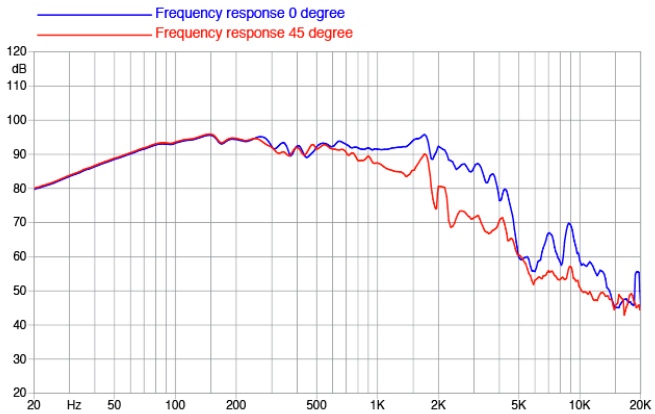
TECHNICAL PARAMETERS

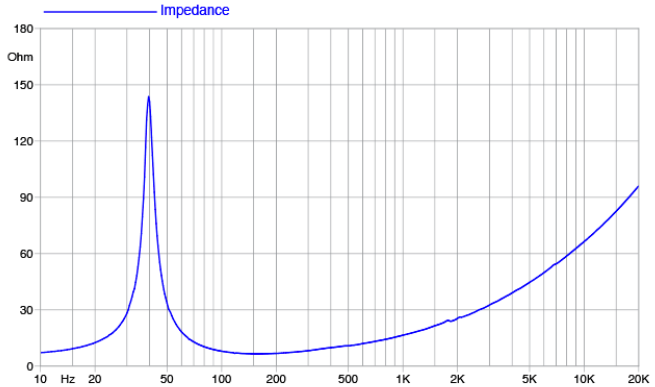
Nominal Impedance	8 Ohm
Minimum Impedance	6.9 Ohm
AES Power Handling **(1)**	700 W
Maximum Power Handling (2)	**1400 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	40÷2500 Hz
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	23 mm (0.91 in)
Magnetic Gap Depth	**10.5 mm (0.41 in)**
Flux Density	1.05 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	4.7 dm^3 (0.166 ft^3)
Spider Profile	2x non-adjacent symmetrical constant height waves

THIELE & SMALL PARAMETERS

Fs	40 Hz
Re	5.3 Ohm
Qes	0.38
Qms	10.0
Qts	0.37
Vas	107.5 dm^3 (3.80 ft^3)
Sd	822 cm^2 (127.41 in^2)
Xmax **(4)**	9.75 mm
Xdamage **(5)**	21.9 mm
Mms	138.9 g
Bl	22 N/A
Le	1.8 mH
Mmd	112.3 g
Cms	0.11 mm/N
Rms	3.5 kg/s
Eta Zero	1.75 %
EBP	105 Hz







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