MID-RANGE

NDK 6-1.5

INTERNAL REF. 724200

KEY FEATURES

240 Watt Max Power

38 mm (1,50 in) voice coil, copper wire

Interleaved sandwich voice coil

Weather protected membrane for outdoor use

Ventilated voice coil and magnet circuit for improved hea

Demodulating ring for lower distortion



MECHANICAL & SHIPPING INFORMATIONS

Net weight	1.4 Kg
Overall Diameter	186 mm
Overall Depth	83 mm
Baffle Cut Diameter	146 mm
Mounting holes number	4
Mounting holes diameter	7 x 5 mm
Mounting bolt diameter	170 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Kapton
Voice Coil Wire	Copper
Cone Material	Doped paper
Cone Shape	Exponential
Surround Material	Doped foam
Surround Shape	Flat
Suspension Material	Doped Nomex fabric
Magnet Type	Neodymium
Magnet Weight	170 g

GENERAL SPECIFICATIONS

Nominal Diameter	6.5 in - 160 mm
Nominal Impendance	8 Ohm
Nominal Rdc	5.4 Ohm
Power handling (AES) (*)	120 Watt
Max Power	240 Watt
Minimum Impedance	6.98 Ohm
Frequency Range	140 ÷ 4000Hz
Voice Coil Diameter	1.5 in - 38 mm
S.P.L. (1w, 1m)	98 dB
Nominal Fs	150 Hz
Flux Density	1.25 T
Sinusoidal Test Voltage	6 V

(*) Life Test	
Box Volume	*5 liters*
Input Signal	*Pink noise*
Band Pass Filter	*150 - 4000Hz, 12 dB/oct*
Test duration	*2 hours*

THIELE-SMALL PARAMETERS

Qms	9.32
Qes	0.42
Qts	0.41
Fs	147.40 Hz
Re	5.24 Ohm
Mms	11.58 g
Cms	0.10 mm/N
Bl	11.52 T*m
Sd	149.57 cm²
Vas	3.16 liter
u0	2.30 %
XMax	3 mm
Le	0.13 mH
Rms	1.15 Kg/s
Efficiency Bandwidth	348.10

Air gap height = mm 6
Winding height= mm 9

DIAGRAM

Frequency Response	Reflex box 5 liters
Impendance	(Iac=10m A)

