WOOFER

NDK 15-3

INTERNAL REF. 707629

KEY FEATURES

1200 Watt Max power

75 mm (3 in) voice coil, aluminium wire

Demodulating ring for lower distortion

Weather protected membrane for outdoor use

Ventilated magnet circuit for improved heat dissipation

Neodymium magnet assembly

MECHANICAL & SHIPPING INFORMATIONS

Net weight	5.5 Kg
Overall Diameter	388 mm
Overall Depth	175 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	6.5 mm
Mounting bolt diameter	368 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Fiberglass
Voice Coil Wire	Aluminium
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex fabric
Surround Shape	Three waves
Suspension Material	Doped Nomex fabric
Magnet Type	Neodymium
Magnet Weight	510 g

GENERAL SPECIFICATIONS

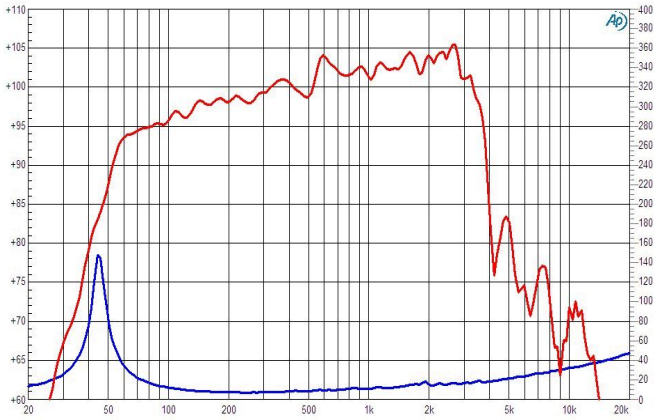
Nominal Diameter	15 in - 380 mm
Nominal Impendance	8 Ohm
Nominal Rdc	6 Ohm
Power handling (AES) (*)	600 Watt
Max Power	1200 Watt
Minimum Impedance	7.02 Ohm
Frequency Range	40 ÷ 3000 Hz
Voice Coil Diameter	3 in - 75 mm
S.P.L. (1w, 1m)	99 dB
Nominal Fs	45 Hz
Flux Density	1.45 T
Sinusoidal Test Voltage	15 V

(*) Life Test	
Box Volume	*90 liter*
Input Signal	*Pink noise*
Band Pass Filter	*35 - 2000Hz, 12 dB/oct*
Test duration	*2 hours*

THIELE-SMALL PARAMETERS

Qms	11.95
Qes	0.32
Qts	0.31
Fs	44.50 Hz
Re	5.90 Ohm
Mms	94.18 g
Cms	0.14 mm/N
Bl	22.20 T*m
Sd	855.30 cm²
Vas	139.39 liter
u0	3.76 %
XMax	6.5 mm
Le	0.36 mH
Rms	2.20 Kg/s
Efficiency Bandwidth	141.17

Air gap height = mm 10
Winding height= mm 18

DIAGRAM

Frequency Response	Reflex Box (80 liters) - 2.83 V -1 m
Impendance	(Iac=10m A)