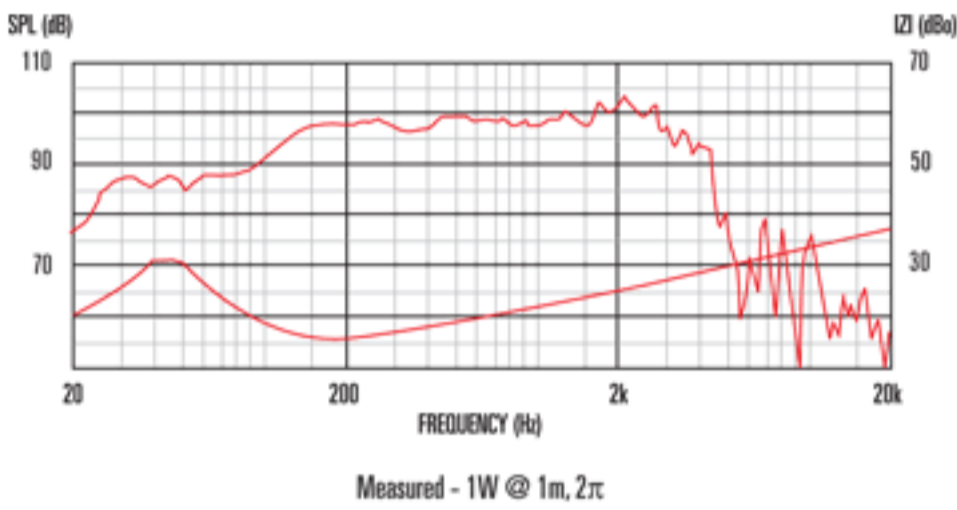


TN1530



- Compact, high flux, Dual Magnet Motor design
- Vented cast aluminium heatsink

8 Frequency Response



1. Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.
2. Continuous Power Rating is defined as 3dB greater than the AES rating
3. Measured on axis at 1W, 1m in 2^l anechoic environment.
4. Xmax derived from: (voice coil winding width-gap depth)/2.
5. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter	381mm/15in
Power rating ¹	300Wrms
Continuous power rating ²	600W
Sensitivity ²	98dB
EIA power rating ³	450W
Nominal impedance	8
Sensitivity ⁴	98db
Frequency range	40-3,000Hz
Voice coil diameter	75mm/3in
Chassis type	Pressed steel
Magnet type	Neodymium
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ⁵	3.75mm/0.148in
Gap depth	10mm/0.39in
Voice coil winding width	17.5mm/0.69in

Small Signal Parameters ⁴

D	0.33m/12.99in
Fs	42.5Hz
Mms	92.58g/3.27oz
Qms	2.619
Qes	0.358
Mmd	84.85g/2.99oz
Qts	0.315
Re	5.38
Vas	156.55lt/5.53ft3
Bl	19.29Tm
Cms	0.15mm/N
Rms	9.45kg/s
Le (at 1kHz)	1.11mH

Mounting Information

Overall diameter	385mm/15.16in
Overall depth	160mm/6.30in
Cut-out diameter	352mm/13.86in
Mounting slot dimensions	9.2mm x 6.2mm/0.36in x 0.24in
Number of mounting slots	8
Mounting PCD range	369mm/14.53in
Unit weight	2.8kg/6.2lb

Packed Dimensions & Weight

Single pack size W x D x H	410mm x 410mm x 180mm /16.1in x 16.1in x 7.1in
Single pack weight	3.2kg/6.6lb
Multi pack size W x D x H	1200mmx1000mmx980mm
Multi pack weight	150kg/330lb