LF Loudspeakers

TRUVOX 0615

6.5-inch pressed steel chassis, ferrite magnet mid/bass driver

- Lightest weight in product class
- Excellent drop-in replacement/upgrade model for 6in mid/bass applications
- FEA optimised magnet assembly
- Double roll surround
- Robust pressed steel chassis with front and rear mounting gaskets

300W
Continuous power rating

93dB
sensitivity

1.5in
Round copper voice coil

General Specifications

Nominal Diameter	160mm / 6.5in
Power Rating	150W
Continuous power rating	300W
Rated impedance	8 ohm
Sensitivity	93dB
Frequency range	80-5000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.56kg / 20oz
Voice coil diameter	38mm / 1.5in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	6mm / 0.24in
VC winding height (Hvc)	10mm / 0.39in

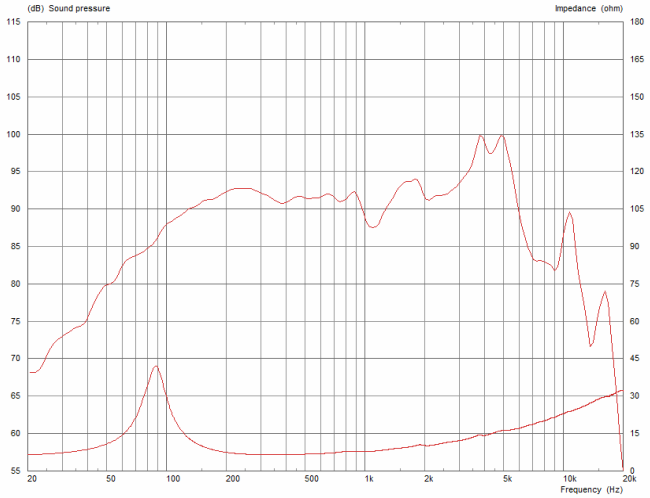
Mounting Information

Overall diameter	167.4mm / 6.59in
Overall depth	65.5mm / 2.6in
Cut-out diameter	143.5mm / 5.65in
Mounting hole dimensions	8x5.5mm / 0.31x0.22in
Number of mounting holes	4
Mounting hole PCD	153.5-158.5mm / 6.04-6.24in
Unit weight	1.7kg / 3.7lb

Parameters

Sd	154.54cm^2/23.95in^2
Fs	89.6Hz
Mms	10.584g/0.373in
Qms	5.535
Qes	0.516
Qts	0.472
Re	5.59 ohm
Vas	7.44l/0.26ft^3
Bl	8.032Tm
Cms	0.298
Rms	1.076kg/s
Le (at 1kHz)	0.369mH
Xmax	3.5mm / 1.38in

Frequency Response and Impedance Curves



Packed Dimensions & Weight

Single pack size W x D x H	200 x 200 x 110mm / 7.9 x 7.9 x 4.4in
Single pack weight	1.9kg / 4.1lb

Power rating: 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.
Continuous power rating: Defined as 3dB greater than the AES rating.
Sensitivity: Measured on axis at 1W, 1m in 2? anechoic environment.
Parameters: Measured after unit subjected to pre-conditioning signal.
Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom