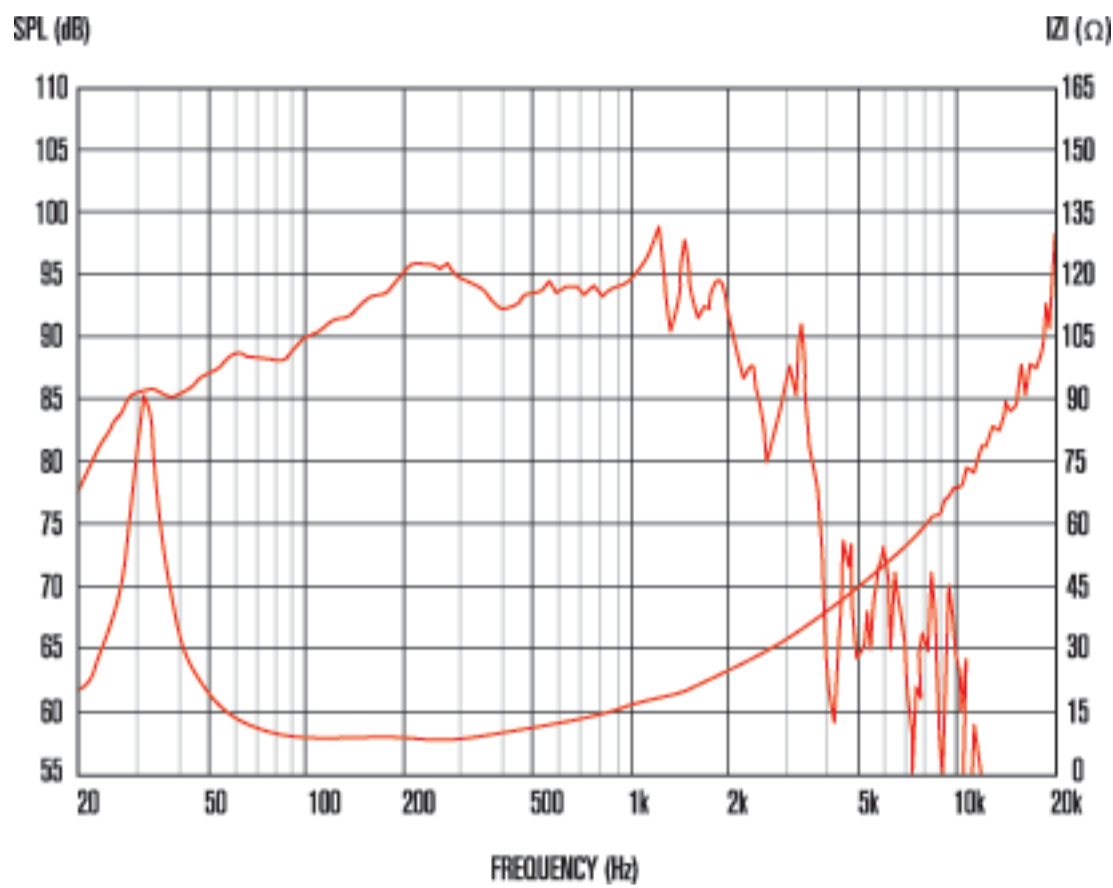


### CF18VJD



- Airflow vented magnet assembly for dynamic heat dispersion
- Twin demodulation rings
- Longer coil for greater control at high excursion
- Optimised double suspension

#### 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<sup>l</sup> 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	460mm/18in
Power rating <sup>1</sup>	1600Wrms
Continuous power rating <sup>2</sup>	3200W
Nominal impedance	8
Sensitivity <sup>3</sup>	97dB
Frequency range	25Hz-1,500Hz
Voice coil diameter	125mm/5in
Chassis type	Cast aluminium
Magnet type	Ferrite
Magnet weight	4.93kg/174oz
Coil material	Round copper
Former material	Glass fibre
Cone material	
Surround material	Cloth sealed
Suspension	Double
Xmax <sup>4</sup>	9mm/0.35in
Gap depth	12mm/0.47in
Voice coil winding width	30mm/1.18in

#### Small Signal Parameters

D	0.38m/14.96in
Fs	34.5Hz
Mms	265.42g/9.36oz
Qms	4.573
Qes	0.33
Mmd	238.11g/8.39oz
Qts	0.31
Re	6.1
Vas	145.81lt5.15ft <sup>3</sup>
Bl	32.59Tm
Cms	0.088mm/N
Rms	12.59kg/s
Le (at 1kHz)	1.87mH

#### Mounting Information

Overall diameter	462mm/18.19in
Overall depth	233mm/9.17in
Cut-out diameter	416mm/16.38in
Mounting slot dimensions	11mm x 7mm/0.43in x 0.28in
Number of mounting slots	8
Mounting PCD range	432-441mm/17.0-17.36in
Unit weight	23kg/50.6lb

#### Packed Dimensions & Weight

Single pack size W x D x H	500mm x 500mm x 255mm /19.7in x 19.7 x 7.11in
Single pack weight	24kg/52.8lb