

LF Loudspeakers

TSQ1545

15-inch cast aluminium chassis neodymium magnet low frequency loudspeaker



Advanced temperature control using 3-channel tuned venting system provides highly efficient cooling across the frequency band Voice coil typically operates at up to 80°C lower temperature than other leading drivers in this class Polysiloxane laminated double suspension provides much greater stability and improved cone displacement symmetry Lead-out wires precision woven into suspension minimises excess motion and reduces fatigue Weather resistant cone coating enhances durability

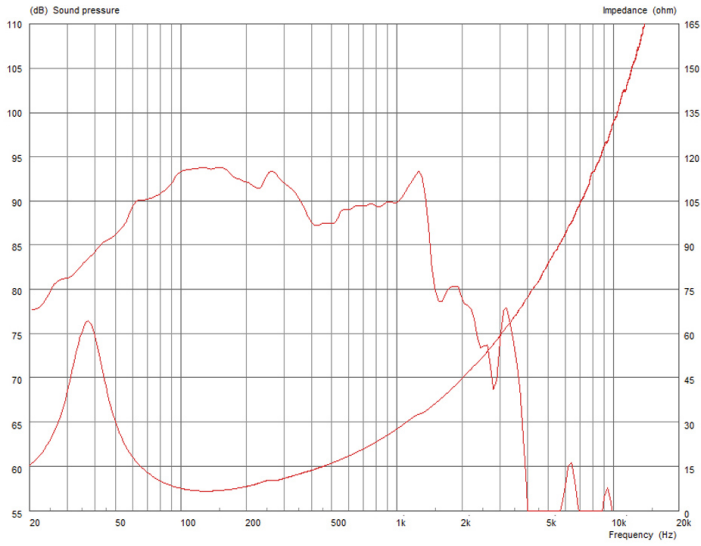
General Specifications

Nominal Diameter	381mm / 15in
Power Rating	1800W
Continuous power rating	3600W
Rated impedance	8 Ω
Sensitivity	94dB
Frequency range	30Hz-1500Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	115mm / 4.5in
Voice coil material	Round copper
Former material	Glass fibre
Cone material	Glass loaded paper (weather-resistant)
Surround material	Triple roll, cloth sealed
Suspension	Dual, polysiloxane-laminated
Gap height (Hg)	12mm / 0.47in
VC winding height (Hvc)	38mm / 1.49in

Mounting Information

Overall diameter	393mm / 15.46in
Overall depth	290mm / 8.23in
Cut-out diameter	354mm / 13.94in
Mounting hole dimensions	10mmx7mm / 0.39inx0.27in
Number of mounting holes	8
Mounting hole PCD	374-354mm / 14.7-14.06in
Unit weight	11.3kg / 24.9lb

Frequency Response and Impedance Curves



Parameters

Sd	855.3cm ² / 132.6in ²
Fs	34.5Hz
Mms	260g / 9.17oz
Qms	5.0
Qes	0.305
Qts	0.287
Re	5.16 Ω
Vas	84.6l / 2.99ft ³
Bi	30.9Tm
Cms	0.082mm/N
Rms	11.32kg/s
Le (at 1kHz)	3.3mH
Xmax	16mm / 0.63in