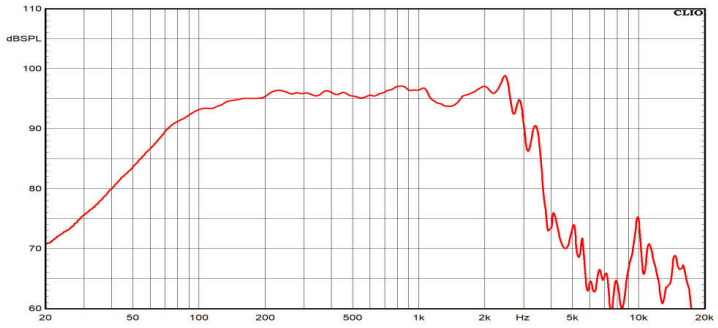
PWA15.75

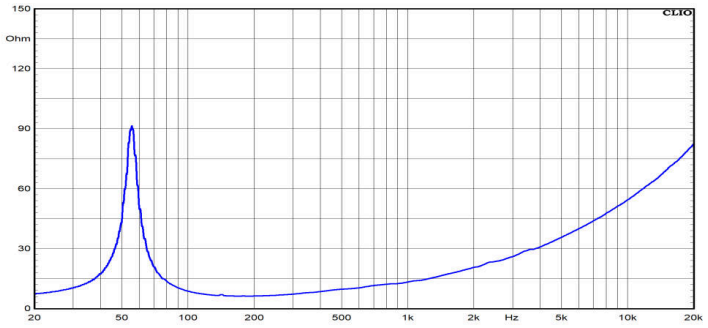


15" 8 Ohm Low Frequency Driver

Magnet Material	Ferrite
Voice Coil Diameter	75 mm 3 in
Continuous Power Handling	1000 W
Sensitivity	97.9 dB

DATASHEET DRAWINGS





DRAWINGS

PWA15.75

SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 ©
Minimum Impedance	6.4 ©
Nominal Power Handling	500 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	1000 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	97.9 dB V2.83 Sensitivity represents the averaged value of acoustic output as measured on the forward central axis of cone, at distance 1m, when connected to 2,83V sine wave test signal.
Frequency Range	40 Hz - 3000 Hz Frequency range is given as the band of frequencies delineated by the lower and upper limits where the output level drops by 10 dB below the rated sensitivity in half space environment.
Voice Coil Diameter	75 mm (3 in)
Winding Material	Copper
Former Material	Glass Fiber
Winding Depth	19 mm (0.75 in)
Magnetic Gap Depth	10 mm (0.39 in)
xPkPk	30 mm (1.18 in)

PARAMETERS

Fs	44 Hz
Re	5.3 ©
Qes	0.41
Qms	8.61
Qts	0.39
Vas	135 dm^3 (4.77 ft^3)
Sd	881 cm^2 (136.6 in^2)
·0	2.8 %
Xmax	7 mm (0.28 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	103 g
Bl	19.3 Tm
Le	1.16 mH
d	335 mm (13.19 in)
EBP	107 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Recommended Loading	Vented Box
Connection Type	Fast-On
Cone Material	Treated Paper - Water repellent

MOUNTING AND SHIPPING INFO

Overall Diameter	389 mm (15.31 in)
Bolt Circle Diameter	374 mm (14.72 in)
Baffle Cutout Diameter	353 mm (13.9 in)
Depth	174 mm (6.85 in)
Flange and Gasket Thickness	11 mm (0.43 in)
Net Weight	6.8 kg (14.99 lb)
Shipping Units	1 pcs
Shipping Weight	16.31 lb
Basket Material	Steel
Bolt Quantity	8 pcs
Bolt Diameter	5 mm (0.2 in)