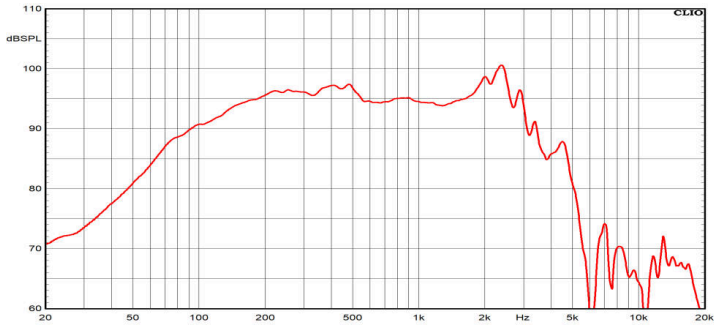
PWA12.75

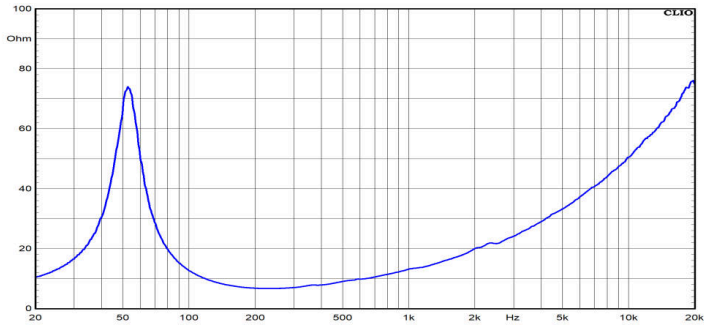


12" 8 Ohm Low Frequency Driver

Magnet Material	Ferrite
Voice Coil Diameter	75 mm 3 in
Continuous Power Handling	900 W
Sensitivity	97.5 dB

DATASHEET DRAWINGS





DRAWINGS

PWA12.75

SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 ©
Minimum Impedance	6.6 ©
Nominal Power Handling	450 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	900 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	97.5 dB V2183 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	50 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	16.5 mm (0.65 in)
Magnetic Gap Depth	10 mm (0.39 in)
xPkPk	30 mm (1.18 in)

PARAMETERS

Fs	53 Hz
Re	5.4 ©
Qes	0.32
Qms	4.1
Qts	0.3
Vas	52 dm^3 (1.84 ft^3)
Sd	531 cm^2 (82.3 in^2)
·0	2.3 %
Xmax	5.8 mm (0.23 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	70 g
Bl	19.6 Tm
Le	1.06 mH
d	260 mm (10.24 in)
EBP	166 Hz

DESIGN

Surround Shape	Triple Roll - Polycotton
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	313 mm (12.32 in)
Bolt Circle Diameter	299 mm (11.77 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	136 mm (5.35 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Net Weight	4.2 kg (9.26 lb)
Shipping Units	1 pcs
Shipping Weight	10.8 lb
Basket Material	Steel
Bolt Quantity	8 pcs
Bolt Diameter	6.8 mm (0.27 in)