PWA12.64

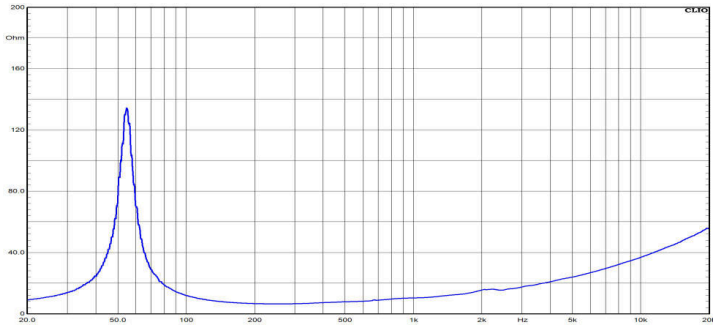


12" 8 Ohm Low Frequency Driver

Voice Coil Diameter	64 mm 2.5 in
Continuous Power Handling	600 W
Sensitivity	97.8 dB

DATASHEET DRAWINGS





DRAWINGS

PWA12.64

SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 ©
Minimum Impedance	6.6 ©
Nominal Power Handling	300 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	600 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	97.8 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	50 Hz - 50 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	64 mm (2.5 in)
Former Material	Glass Fiber
Winding Depth	13 mm (0.51 in)
Magnetic Gap Depth	8 mm (0.31 in)
xPkPk	20 mm (0.79 in)

PARAMETERS

Fs	55 Hz
Re	5.7 ©
Qes	0.36
Qms	15.6
Qts	0.35
Vas	58 dm^3 (2.05 ft^3)
Sd	531 cm^2 (82.3 in^2)
·0	2.3 %
Xmax	4.5 mm (0.18 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	57 g
Bl	17.6 Tm
Le	0.85 mH
d	260 mm (10.24 in)
EBP	153 Hz

DESIGN

Surround Shape	M-Roll - Polycotton
Cone Shape	Curvilinear
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
Basket Material	Steel
Bolt Quantity	8 pcs
Bolt Diameter	6.8 mm (0.27 in)