



6.5" 8 Ohm Low Frequency Driver

Magnet Material	Ferrite
Voice Coil Diameter	38 mm 1.5 in
Continuous Power Handling	300 W
Sensitivity	90.5 dB

DATASHEET DRAWINGS

PWA6.38

DRAWINGS

SPECIFICATIONS

Nominal Diameter	165 mm (6.5 in)
Nominal Impedance	8 ©
Minimum Impedance	6 ©
Nominal Power Handling	150 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	300 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	90.5 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	80 Hz - 7000 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	38 mm (1.5 in)
Winding Material	Copper
Former Material	Glass Fiber
Winding Depth	11.5 mm (0.45 in)
Magnetic Gap Depth	6.5 mm (0.26 in)
xPkPk	20 mm (0.79 in)

PARAMETERS

Fs	77 Hz
Re	4.9 ©
Qes	0.62
Qms	7.3
Qts	0.56
Vas	5.6 dm³ (0.2 ft³)
Sd	132.7 cm² (20.6 in²)
·0	0.4 %
Xmax	4 mm (0.16 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	18 g
Bl	8.7 Tm
Le	0.38 mH
d	130 mm (5.12 in)
EBP	124 Hz

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DESIGN

Surround Shape	Rubber - Single 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	185.5 mm (7.3 in)
Bolt Circle Diameter	168 mm (6.61 in)
Baffle Cutout Diameter	144 mm (5.67 in)
Depth	87 mm (3.43 in)
Flange and Gasket Thickness	4 mm (0.16 in)
Net Weight	1.8 kg (3.97 lb)
Shipping Units	1 pcs
Basket Material	Steel
Bolt Quantity	4 pcs
Bolt Diameter	5 mm (0.2 in)