PWA5.38



5" 8 Ohm Low Frequency Driver

Magnet Material	Ferrite
Voice Coil Diameter	38 mm 1.5 in
Continuous Power Handling	250 W
Sensitivity	91 dB

DATASHEET DRAWINGS

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DRAWINGS

SPECIFICATIONS

Nominal Diameter	130 mm (5 in)
Nominal Impedance	8 ©
Minimum Impedance	6.5 ©
Nominal Power Handling	125 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	250 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	91 dB 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	70 Hz - 6000 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	CCAW
Former Material	Glass Fiber
Winding Depth	11 mm (0.43 in)
Magnetic Gap Depth	6 mm (0.24 in)
xPkPk	15 mm (0.59 in)

PARAMETERS

Fs	78 Hz
Re	5.6 ©
Qes	0.41
Qms	4.1
Qts	0.37
Vas	4.5 dm³ (0.16 ft³)
Sd	95 cm² (14.7 in²)
·0	0.5 %
Xmax	3.9 mm (0.15 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	12 g
Bl	8.9 Tm
Le	0.41 mH
d	110 mm (4.33 in)
EBP	190 Hz

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DESIGN

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

MOUNTING AND SHIPPING INFO

Overall Diameter	153 mm (6.02 in)
Bolt Circle Diameter	139 mm (5.47 in)
Baffle Cutout Diameter	121 mm (4.76 in)
Depth	79 mm (3.11 in)
Flange and Gasket Thickness	4.8 mm (0.19 in)
Net Weight	1.8 kg (3.97 lb)
Shipping Units	1 pcs
Shipping Weight	4.4 lb
Basket Material	Steel
Bolt Quantity	4 pcs
Bolt Diameter	5 mm (0.2 in)