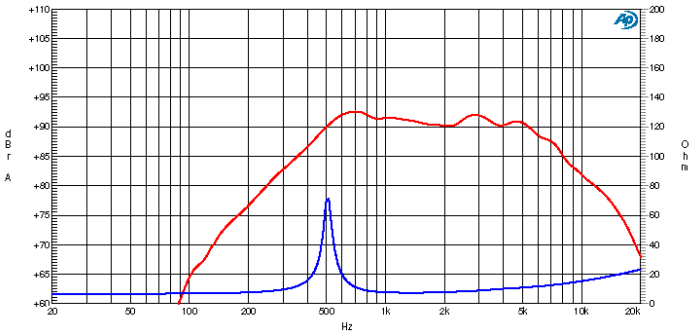
HM500



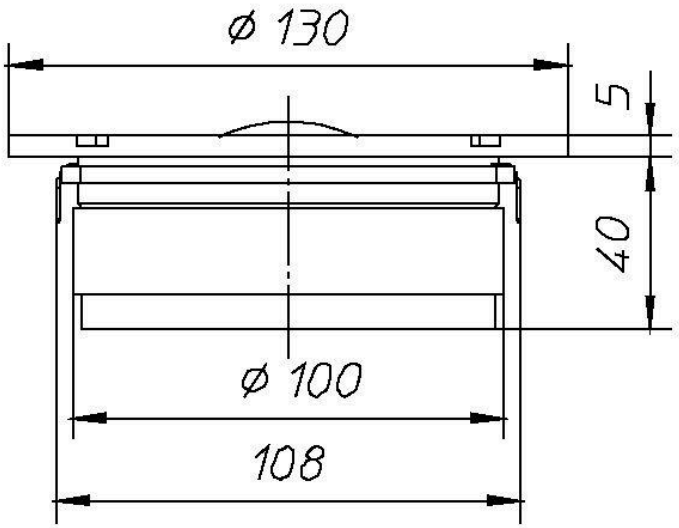
2" 8 Ohm Low Frequency Driver

Voice Coil Diameter	50 mm 2 in
Continuous Power Handling	200 W
Sensitivity	91 dB

DATASHEET DRAWINGS



DRAWINGS



HM500

SPECIFICATIONS

Nominal Diameter	50 mm (2 in)
Nominal Impedance	8 ©
Nominal Power Handling	100 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	200 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	91 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	700 Hz - 700 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	50 mm (2 in)
Winding Depth	3.5 mm (0.14 in)
Magnetic Gap Depth	3 mm (0.12 in)

PARAMETERS

Fs	550 Hz
Re	6.5 ©
Qes	0.8
Qms	3.8
Qts	0.66
Sd	26 cm² (4.03 in²)
Xmax	1 mm (0.04 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	2 g
Bl	7.5 Tm
Le	0.2 mH
d	58 mm (2.28 in)
EBP	688 Hz

DESIGN

Cone Shape	Dome

MOUNTING AND SHIPPING INFO

Overall Diameter	130 mm (5.12 in)
Bolt Circle Diameter	116 mm (4.57 in)
Baffle Cutout Diameter	103 mm (4.06 in)
Depth	45 mm (1.77 in)
Flange and Gasket Thickness	5 mm (0.2 in)
Net Weight	1.5 kg (3.3 lb)
Shipping Units	6 pcs
Basket Material	Plastic Flange
Bolt Quantity	4 pcs
Bolt Diameter	5 mm (0.2 in)