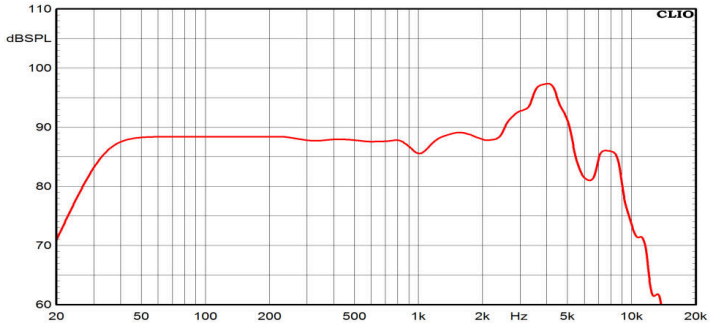
HWB200

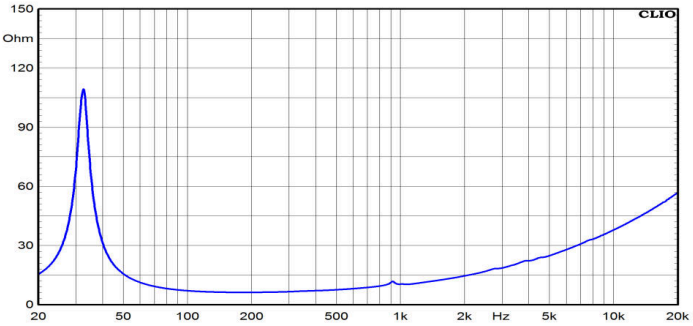


8" 8 Ohm Low Frequency Driver

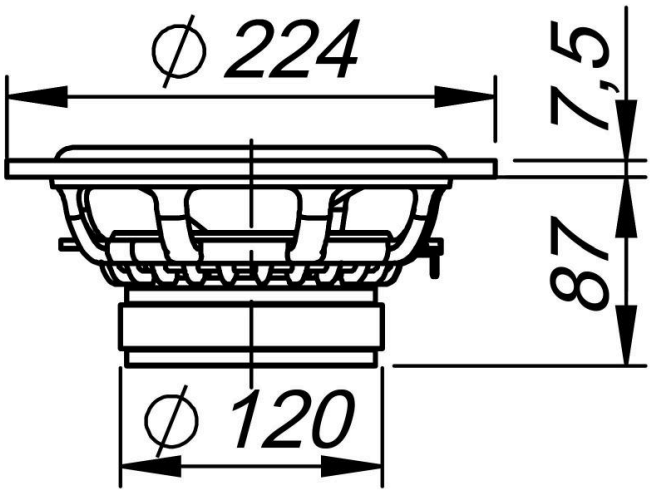
Voice Coil Diameter	38 mm 1.5 in
Continuous Power Handling	260 W
Sensitivity	90 dB

DATASHEET DRAWINGS





DRAWINGS



HWB200

SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 ©
Nominal Power Handling	130 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	260 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	90 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	30 Hz - 5000 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)
Former Material	Kapton
Winding Depth	16 mm (0.63 in)
Magnetic Gap Depth	8 mm (0.31 in)

PARAMETERS

Fs	32 Hz
Re	5.5 ©
Qes	0.41
Qms	7.5
Qts	0.39
Vas	59 dm³ (2.08 ft³)
Sd	223 cm² (34.57 in²)
·0	0.47 %
Xmax	7 mm (0.28 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	29.5 g
Bl	8.9 Tm
Le	0.42 mH
d	169 mm (6.65 in)
EBP	78 Hz

DESIGN

Surround Shape	Rubber
Cone Shape	Exponential
Recommended Enclosure	45 dm³ (1.589 ft³)
Recommended Loading	Vented Box
Suspension	Nomex Fabric
Cone Material	Doped cellulose fiber

MOUNTING AND SHIPPING INFO

Overall Diameter	224 mm (8.82 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	184 mm (7.24 in)
Depth	94.5 mm (3.72 in)
Flange and Gasket Thickness	7.5 mm (0.3 in)
Net Weight	2.75 kg (6.06 lb)
Shipping Units	4 pcs
Basket Material	Aluminum
Bolt Quantity	8 pcs
Bolt Diameter	5.5 mm (0.22 in)