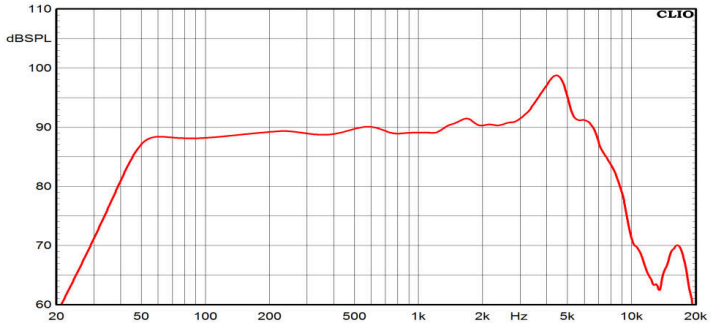
HWG160

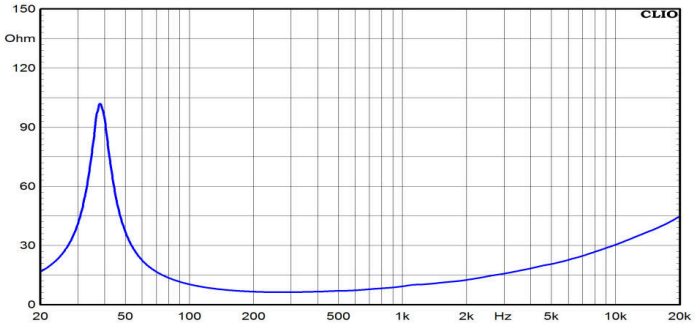


6.5" 8 Ohm Low Frequency Driver

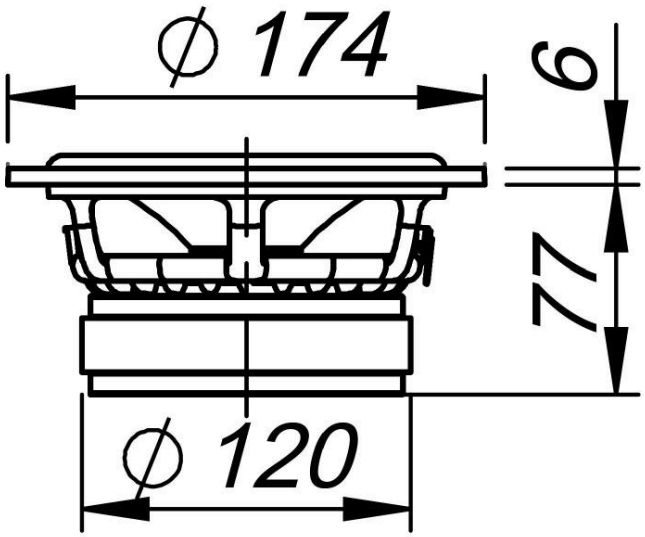
Voice Coil Diameter	38 mm 1.5 in
Continuous Power Handling	260 W
Sensitivity	91 dB

DATASHEET DRAWINGS





DRAWINGS



HWG160

SPECIFICATIONS

Nominal Diameter	165 mm (6.5 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	91 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	45 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)
Former Material	Kapton
Winding Depth	17 mm (0.67 in)
Magnetic Gap Depth	8 mm (0.31 in)

PARAMETERS

Fs	39 Hz
Re	5.4 ©
Qes	0.28
Qms	4.9
Qts	0.27
Vas	27 dm^3 (0.95 ft^3)
Sd	141 cm^2 (21.86 in^2)
·0	0.6 %
Xmax	6.5 mm (0.26 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	16.2 g
Bl	8.9 Tm
Le	1.4 mH
d	134 mm (5.28 in)
EBP	139 Hz

DESIGN

Surround Shape	Rubber
Cone Shape	Exponential
Recommended Enclosure	15 dm^3 (0.53 ft^3)
Recommended Loading	Vented Box
Suspension	Cotton fabric
Cone Material	Doped cellulose fiber

MOUNTING AND SHIPPING INFO

Overall Diameter	174 mm (6.85 in)
Bolt Circle Diameter	164 mm (6.46 in)
Baffle Cutout Diameter	146 mm (5.75 in)
Depth	83 mm (3.27 in)
Flange and Gasket Thickness	6 mm (0.24 in)
Net Weight	2.5 kg (5.51 lb)
Shipping Units	4 pcs
Basket Material	Aluminum
Bolt Quantity	6 pcs
Bolt Diameter	4.5 mm (0.18 in)