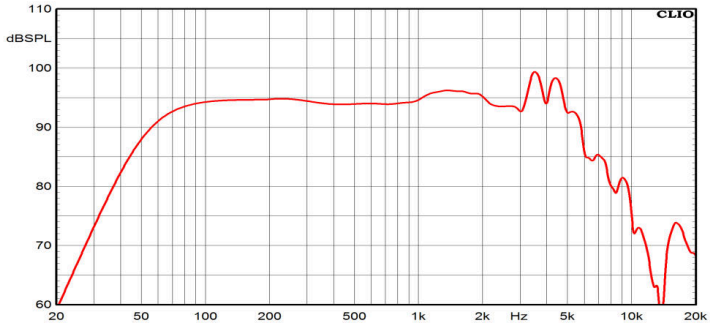
CME201

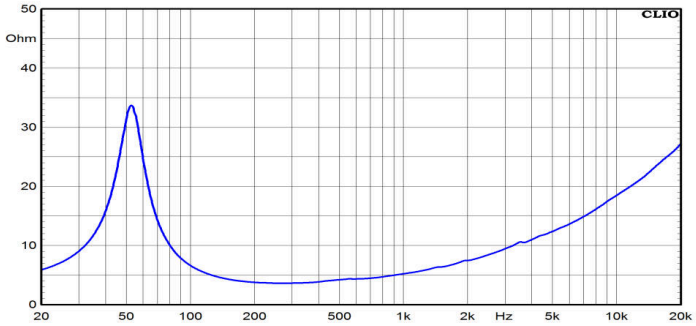


8" 4 Ohm Low Frequency Driver

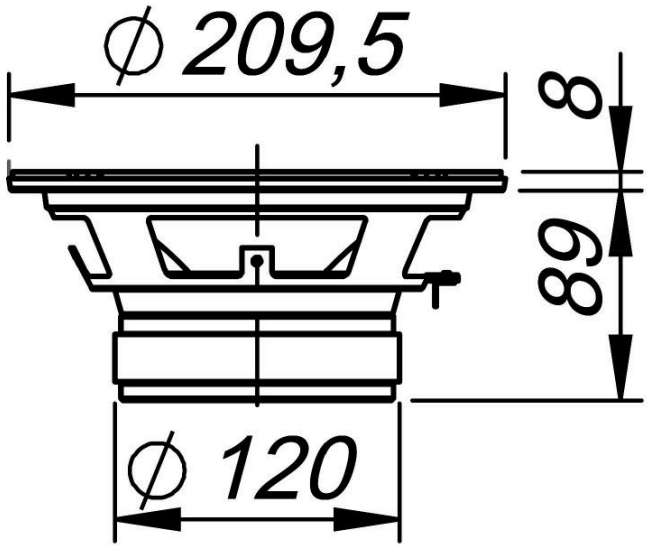
Voice Coil Diameter	50 mm 2 in
Continuous Power Handling	450 W
Sensitivity	95.5 dB

DATASHEET DRAWINGS





DRAWINGS



CME201

SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	4 ©
Nominal Power Handling	220 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	450 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	95.5 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	70 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	50 mm (2 in)
Winding Material	Copper
Former Material	Glass fiber
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	8 mm (0.31 in)

PARAMETERS

Fs	60 Hz
Re	3.1 ©
Qes	0.44
Qms	4.3
Qts	0.4
Vas	21.5 dm³ (0.76 ft³)
Sd	210 cm² (32.55 in²)
·0	0.9 %
Xmax	4.5 mm (0.18 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	22 g
Bl	7.5 Tm
Le	0.44 mH
d	164 mm (6.46 in)
EBP	136 Hz

DESIGN

Surround Shape	Cotton fabric
Cone Shape	Exponential
Recommended Enclosure	15 dm³ (0.53 ft³)
Recommended Tuning	55 Hz
Recommended Loading	Vented Box
Suspension	Cotton fabric
Cone Material	Doped cellulose fiber

MOUNTING AND SHIPPING INFO

Overall Diameter	210 mm (8.27 in)
Bolt Circle Diameter	198.5 mm (7.81 in)
Baffle Cutout Diameter	182 mm (7.17 in)
Depth	97 mm (3.82 in)
Flange and Gasket Thickness	8 mm (0.31 in)
Net Weight	2.6 kg (5.73 lb)
Shipping Units	4 pcs
Basket Material	Steel
Bolt Quantity	4 pcs
Bolt Diameter	5 mm (0.2 in)