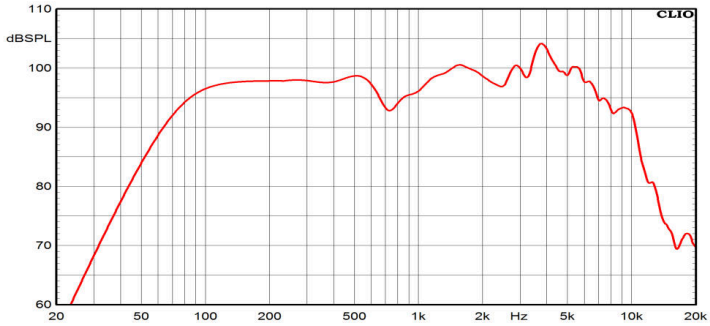
CME200

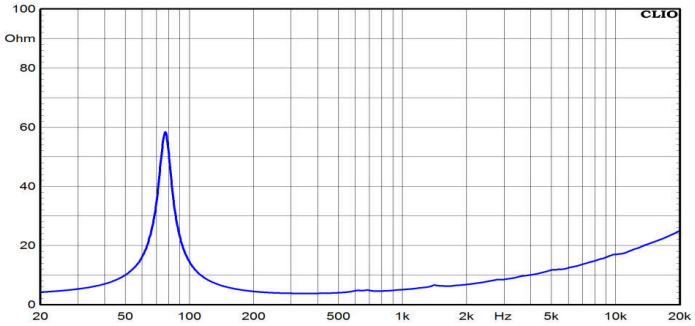


8" 4 Ohm Low Frequency Driver

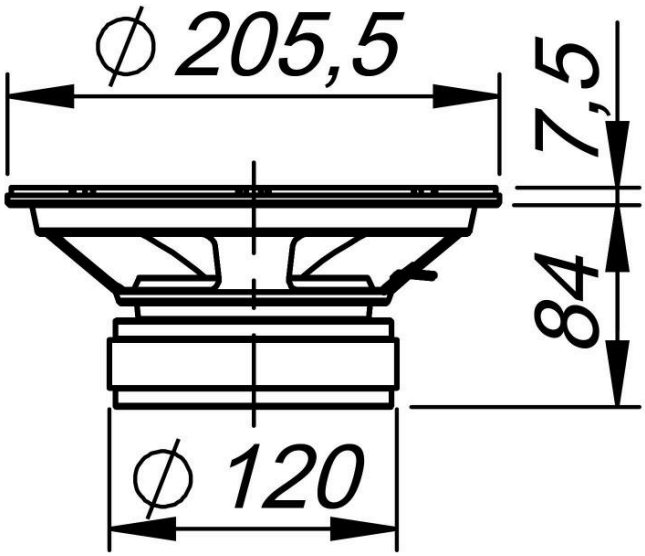
Voice Coil Diameter	38 mm 1.5 in
Continuous Power Handling	260 W
Sensitivity	99.5 dB

DATASHEET DRAWINGS





DRAWINGS



CME200

SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	4 ©
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	99.5 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 - 8000 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	Aluminum
Former Material	Kapton
Winding Depth	11 mm (0.43 in)
Magnetic Gap Depth	8 mm (0.31 in)

PARAMETERS

Fs	76 Hz
Re	3 ©
Qes	0.39
Qms	7
Qts	0.37
Vas	18 dm³ (0.64 ft³)
Sd	206 cm² (31.93 in²)
·0	0.02 %
Xmax	3.5 mm (0.14 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	14.2 g
Bl	7.3 Tm
Le	0.45 mH
d	162 mm (6.38 in)
EBP	195 Hz

DESIGN

Surround Shape	Cotton fabric
Cone Shape	Exponential
Recommended Enclosure	11 dm³ (0.388 ft³)
Recommended Tuning	71 Hz
Recommended Loading	Vented Box
Connection Type	Fast-On
Suspension	Cotton fabric
Cone Material	Cellulose fiber

MOUNTING AND SHIPPING INFO

Overall Diameter	206 mm (8.11 in)
Bolt Circle Diameter	194 mm (7.64 in)
Baffle Cutout Diameter	185 mm (7.28 in)
Depth	91.5 mm (3.6 in)
Flange and Gasket Thickness	7.5 mm (0.3 in)
Net Weight	2.5 kg (5.51 lb)
Shipping Units	4 pcs
Basket Material	Steel
Bolt Quantity	8 pcs
Bolt Diameter	5.5 mm (0.22 in)