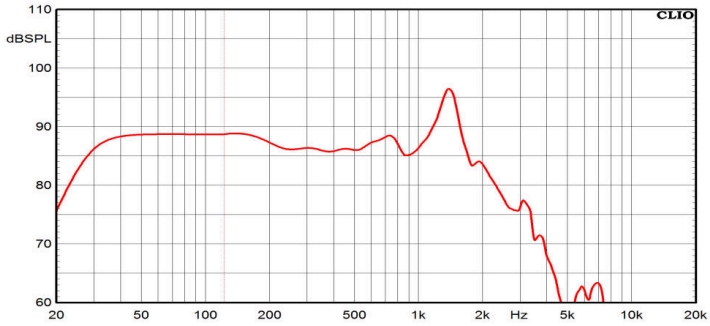
15.00SW

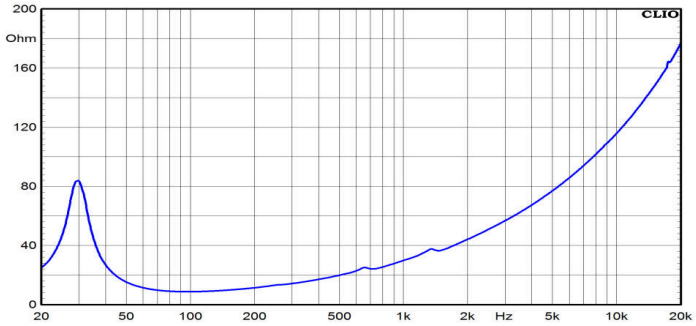


15" 8 Ohm Low Frequency Driver

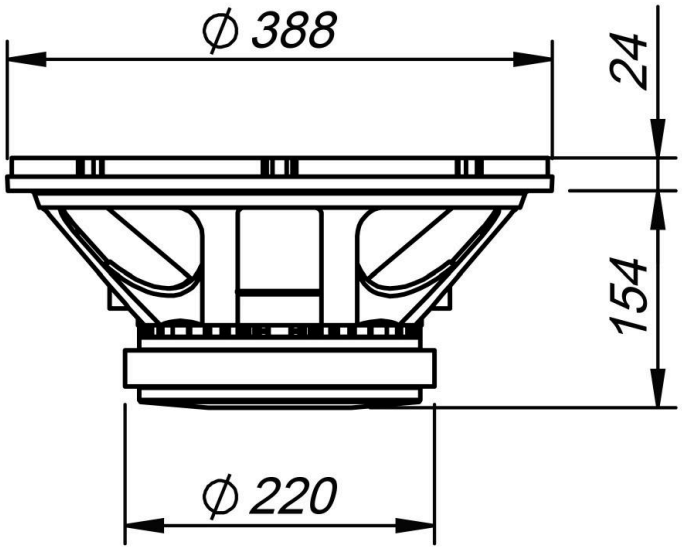
Voice Coil Diameter	100 mm 4 in
Continuous Power Handling	2000 W
Sensitivity	91 dB

DATASHEET DRAWINGS





DRAWINGS



15.00SW

SPECIFICATIONS

Nominal Diameter	380 mm
Nominal Impedance	8 ©
Nominal Power Handling	1000 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	2000 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	20 Hz - 200 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	100 mm (4 in)
Winding Material	Copper
Former Material	Kapton
Winding Depth	33 mm (1.3 in)
Magnetic Gap Depth	10 mm (0.39 in)

PARAMETERS

Fs	29 Hz
Re	6.75 ©
Qes	0.44
Qms	5.6
Qts	0.41
Vas	111 dm³ (3.92 ft³)
Sd	780 cm² (120.9 in²)
·0	0.65 %
Xmax	14 mm (0.55 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	220 g
Bl	25 Tm
Le	2.4 mH
d	315 mm (12.4 in)
EBP	66 Hz

DESIGN

Surround Shape	Rubber - Half Roll
Cone Shape	Planar
Recommended Enclosure	100 dm³ (3.531 ft³)
Recommended Tuning	29 Hz
Recommended Loading	Vented Box
Connection Type	Push Button
Suspension	Nomex Fabric
Cone Material	Treated Cellulose

MOUNTING AND SHIPPING INFO

Overall Diameter	388 mm (15.28 in)
Bolt Circle Diameter	370 mm (14.57 in)
Baffle Cutout Diameter	354 mm (13.94 in)
Depth	178 mm (7.01 in)
Flange and Gasket Thickness	24 mm (0.94 in)
Net Weight	12.1 kg (26.65 lb)
Shipping Units	1 pcs
Basket Material	Diecast Aluminum
Bolt Quantity	8 pcs
Bolt Diameter	7 mm (0.28 in)