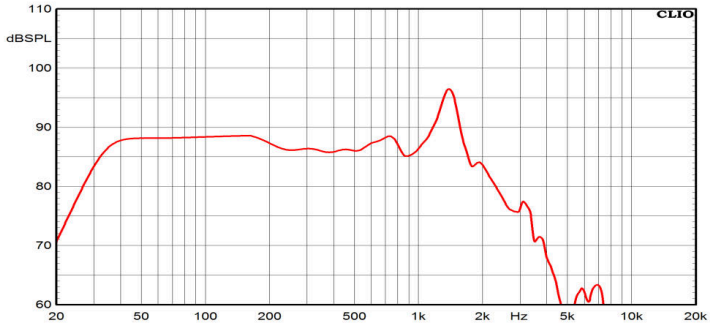
12.00SW

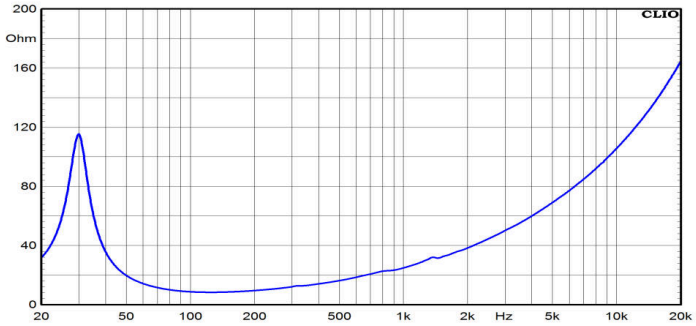


12" 8 Ohm Low Frequency Driver

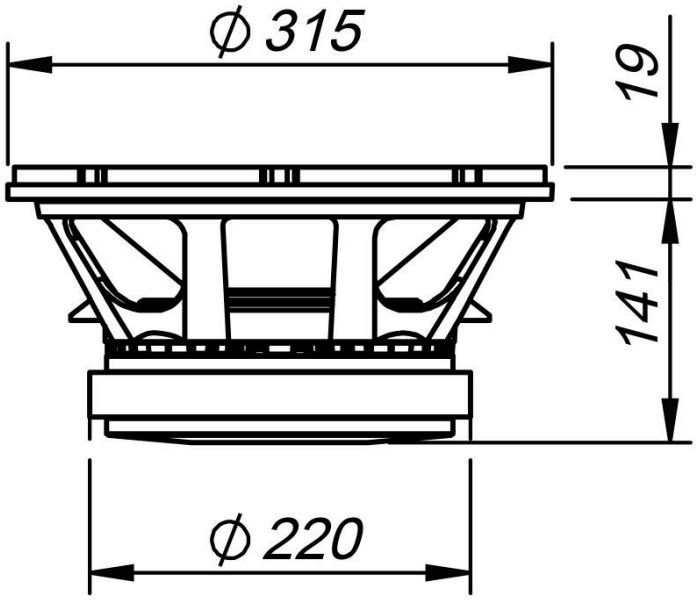
Magnet Material	Ferrite
Voice Coil Diameter	100 mm 4 in
Continuous Power Handling	2000 W
Sensitivity	89.5 dB

DATASHEET DRAWINGS





DRAWINGS



12.00SW

SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
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	89.5 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	30 Hz - 2000 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	30 Hz
Re	6.7 ©
Qes	0.36
Qms	6.1
Qts	0.34
Vas	59 dm³ (2.08 ft³)
Sd	523 cm² (81.07 in²)
·0	0.45 %
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	183 g
Bl	25.3 Tm
Le	2.35 mH
d	258 mm (10.16 in)
EBP	83 Hz

DESIGN

Surround Shape	Rubber - Half Roll
Cone Shape	Planar
Magnet Material	Ferrite
Recommended Enclosure	40 dm³ (1.413 ft³)
Recommended Tuning	33 Hz
Recommended Loading	Vented Box
Connection Type	Push Button
Suspension	Nomex Fabric
Cone Material	Treated Cellulose

MOUNTING AND SHIPPING INFO

Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	295 mm (11.61 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	149 mm (5.87 in)
Flange and Gasket Thickness	19 mm (0.75 in)
Net Weight	11.1 kg (24.45 lb)
Shipping Units	1 pcs
Basket Material	Diecast Aluminum
Bolt Quantity	8 pcs
Bolt Diameter	7 mm (0.28 in)