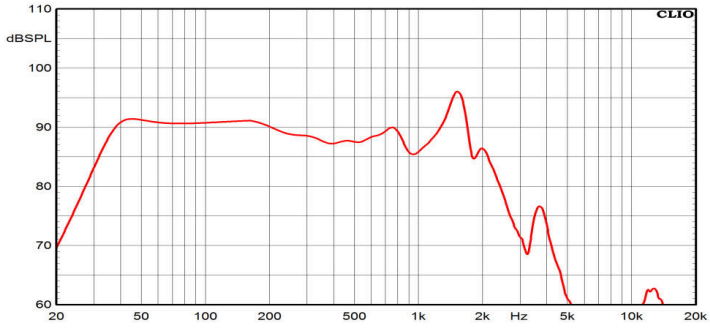
12.00SW

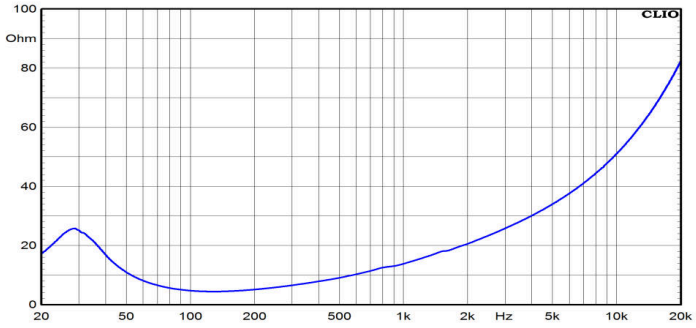


12" 4 Ohm Low Frequency Driver

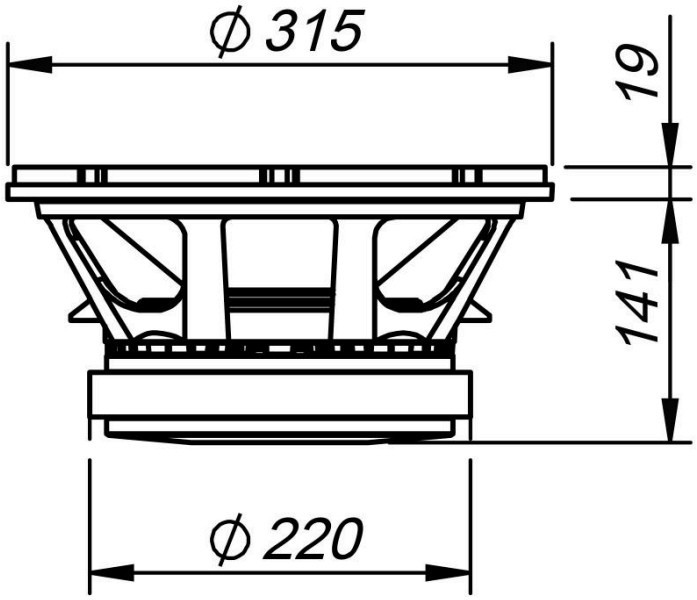
Voice Coil Diameter	100 mm 4 in
Continuous Power Handling	2000 W
Sensitivity	92 dB

DATASHEET DRAWINGS





DRAWINGS



12.00SW

SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	4 ©
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	92 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	Aluminum
Winding Depth	32 mm (1.26 in)
Magnetic Gap Depth	10 mm (0.39 in)

PARAMETERS

Fs	29 Hz
Re	3.3 ©
Qes	0.33
Qms	2.3
Qts	0.29
Vas	55 dm^3 (1.94 ft^3)
Sd	523 cm^2 (81.07 in^2)
·0	0.45 %
Xmax	13.5 mm (0.53 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	201 g
Bl	19.5 Tm
Le	1.6 mH
d	258 mm (10.16 in)
EBP	88 Hz

DESIGN

Surround Shape	Rubber - Half Roll
Cone Shape	Planar
Recommended Enclosure	33 dm^3 (1.165 ft^3)
Recommended Tuning	37 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)