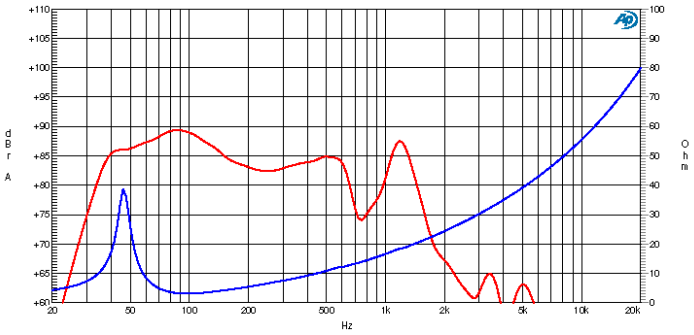
CSW7112EVO



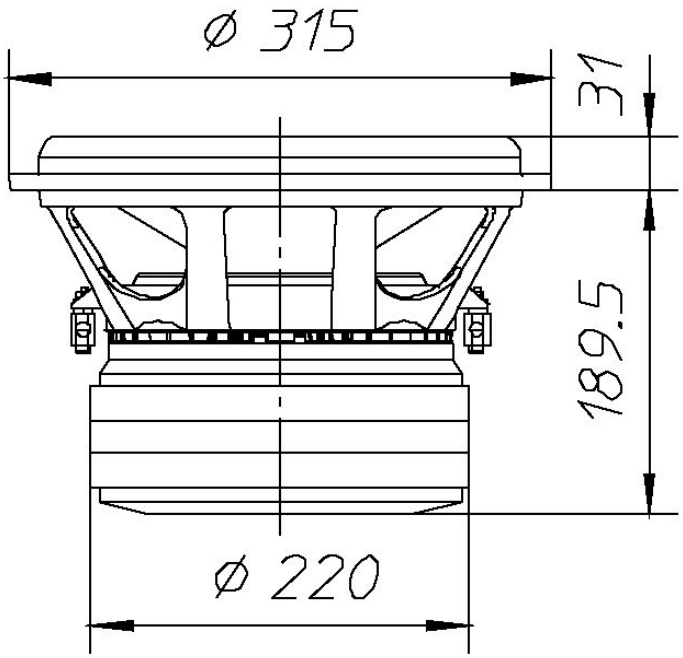
12" 1 Ohm Low Frequency Driver

Voice Coil Diameter	75 mm 3 in
Continuous Power Handling	3000 W
Sensitivity	95 dB

DATASHEET DRAWINGS



DRAWINGS



CSW7112EVO

SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	1 ©
Nominal Power Handling	700 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	3000 W Program Power is defined as 3 dB greater than the Nominal rating.
Momentary Maximum Power	7000 W Power handling for momentary sinewave use in SPL Competitions
Sensitivity	95 dB W/1m 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 - 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	75 mm (3 in)
Winding Material	Copper
Former Material	Aluminum
Winding Depth	51 mm (2.01 in)
Magnetic Gap Depth	15 mm (0.59 in)

PARAMETERS

Fs	48 Hz
Re	1.8 ©
Qes	0.37
Qms	9.2
Qts	0.36
Vas	15 dm^3 (0.53 ft^3)
Sd	511 cm^2 (79.21 in^2)
·0	0.45 %
Xmax	22 mm (0.87 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	270 g
Bl	19.9 Tm
Le	1.25 mH
d	255 mm (10.04 in)
EBP	130 Hz

DESIGN

Surround Shape	Polyurethane
Cone Shape	Straight
Recommended Enclosure	35 dm^3 (1.236 ft^3)
Recommended Tuning	46 Hz
Recommended Loading	Vented Box
Connection Type	Direct Leads
Suspension	Nomex Fabric
Cone Material	Reinforced cellulose fiber

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	220.5 mm (8.68 in)
Flange and Gasket Thickness	31 mm (1.22 in)
Net Weight	19.2 kg (42.29 lb)
Shipping Units	1 pcs
Basket Material	Aluminum
Bolt Quantity	8 pcs
Bolt Diameter	7 mm (0.28 in)