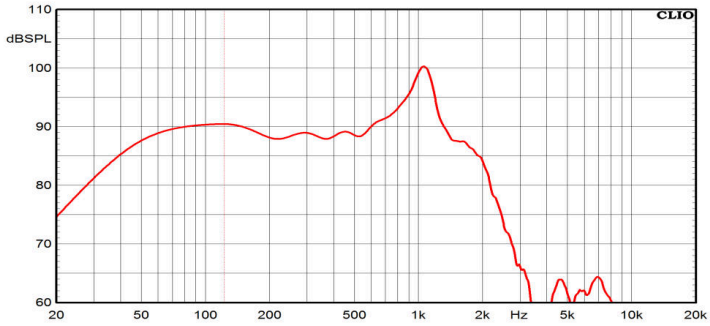
18.00SW

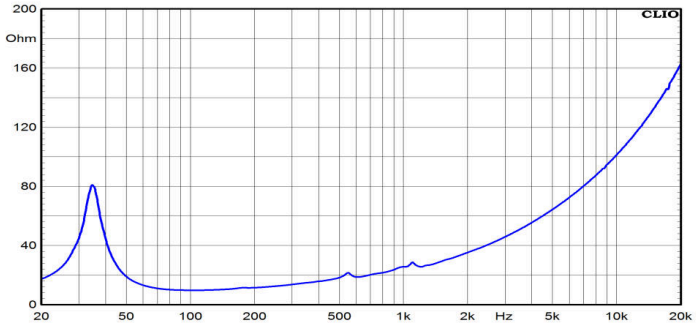


18" 8 Ohm Low Frequency Driver

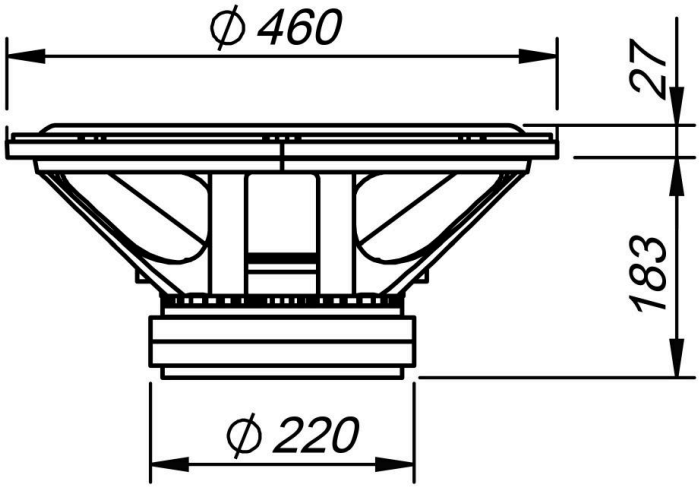
Voice Coil Diameter	100 mm 4 in
Continuous Power Handling	2000 W
Sensitivity	91.5 dB

DATASHEET DRAWINGS





DRAWINGS



18.00SW

SPECIFICATIONS

Nominal Diameter	450 mm (17.72 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	91.5 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	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	32 mm (1.26 in)
Magnetic Gap Depth	10 mm (0.39 in)

PARAMETERS

Fs	36 Hz
Re	7 ©
Qes	0.55
Qms	6.7
Qts	0.5
Vas	93 dm³ (3.28 ft³)
Sd	1134 cm² (175.77 in²)
·0	0.73 %
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	377 g
Bl	32.5 Tm
Le	3 mH
d	380 mm (14.96 in)
EBP	65 Hz

DESIGN

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

MOUNTING AND SHIPPING INFO

Overall Diameter	460 mm (18.11 in)
Bolt Circle Diameter	440 mm (17.32 in)
Baffle Cutout Diameter	416 mm (16.38 in)
Depth	210 mm (8.27 in)
Flange and Gasket Thickness	27 mm (1.06 in)
Net Weight	15.7 kg (34.58 lb)
Shipping Units	1 pcs
Basket Material	Diecast Aluminum
Bolt Quantity	8 pcs
Bolt Diameter	7 mm (0.28 in)