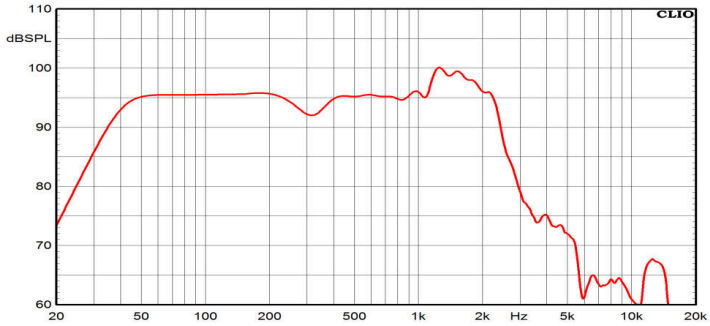
NDH18-4S

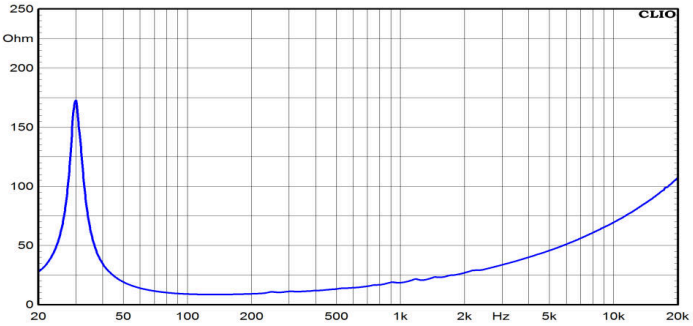


18" 8 Ohm Low Frequency Driver

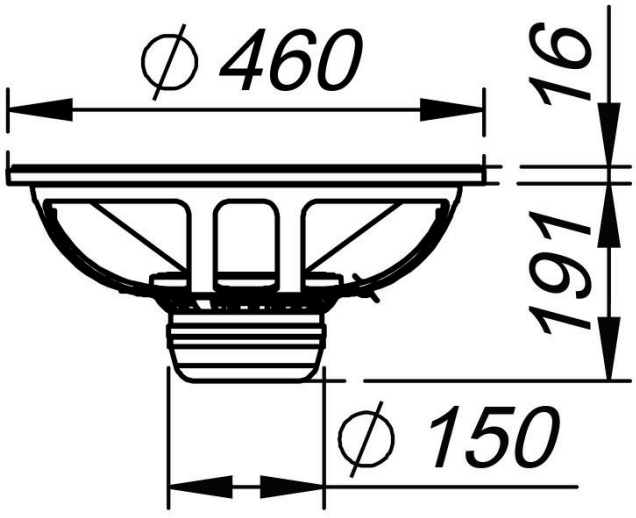
Voice Coil Diameter	100 mm 4 in
Continuous Power Handling	2000 W
Sensitivity	96.5 dB

DATASHEET DRAWINGS





DRAWINGS



NDH18-4S

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	96.5 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 - 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 Depth	30 mm (1.18 in)
Magnetic Gap Depth	14 mm

PARAMETERS

Fs	31 Hz
Re	6.1 ©
Qes	0.33
Qms	9.8
Qts	0.32
Vas	239 dm^3 (8.44 ft^3)
Sd	1164 cm^2 (180.42 in^2)
·0	2.1 %
Xmax	11.5 mm (0.45 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	212 g
Bl	27.7 Tm
Le	1.9 mH
d	385 mm (15.16 in)
EBP	94 Hz

DESIGN

Recommended Enclosure	120 dm^3 (4.238 ft^3)
Recommended Loading	Vented Box
Connection Type	Faston
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	208 mm (8.19 in)
Flange and Gasket Thickness	13 mm (0.51 in)
Net Weight	8 kg (17.62 lb)
Shipping Units	1 pcs
Basket Material	Diecast Aluminum
Bolt Quantity	8 pcs
Bolt Diameter	7 mm (0.28 in)