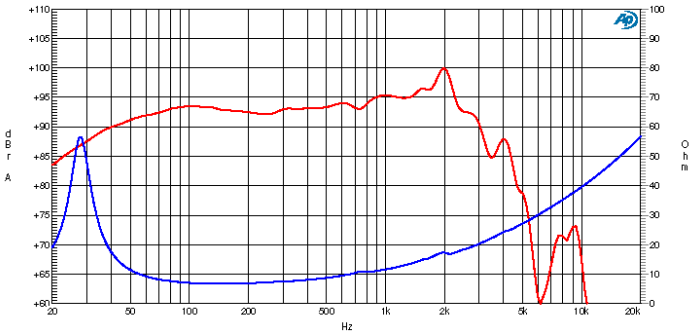
HW321



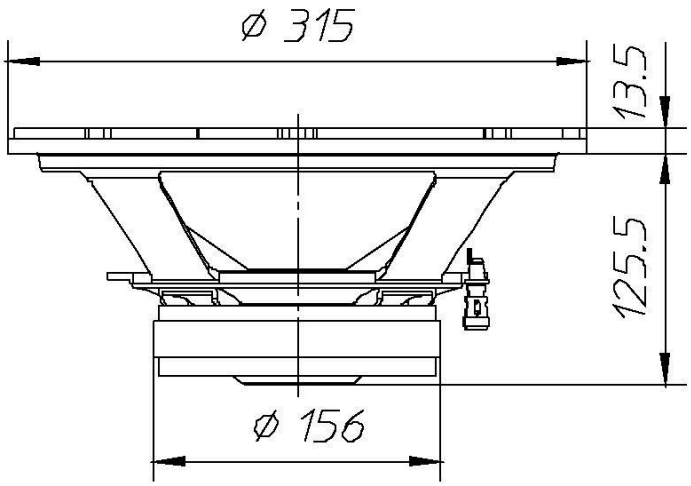
12" 8 Ohm Low Frequency Driver

Voice Coil Diameter	50 mm 2 in
Continuous Power Handling	400 W
Sensitivity	93 dB

DATASHEET DRAWINGS



DRAWINGS



HW321

SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 ©
Nominal Power Handling	150 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	400 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	93 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	25 Hz - 25 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	50 mm (2 in)
Former Material	Aluminum
Winding Depth	18.5 mm (0.73 in)
Magnetic Gap Depth	8 mm (0.31 in)

PARAMETERS

Fs	27 Hz
Re	5.7 ©
Qes	0.37
Qms	3.04
Qts	0.33
Vas	205 dm³ (7.24 ft³)
Sd	547 cm² (84.79 in²)
·0	1.05 %
Xmax	7.3 mm (0.29 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	67 g
Bl	13.17 Tm
Le	0.9 mH
Cms	0.52 mm/N
d	260 mm (10.24 in)
EBP	73 Hz

DESIGN

Surround Shape	Rubber
Recommended Enclosure	136 dm³ (4.803 ft³)
Recommended Loading	Vented Box
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	139 mm (5.47 in)
Flange and Gasket Thickness	13.5 mm (0.53 in)
Net Weight	4.9 kg (10.79 lb)
Shipping Units	1 pcs
Basket Material	Aluminum
Bolt Quantity	8 pcs
Bolt Diameter	7 mm (0.28 in)