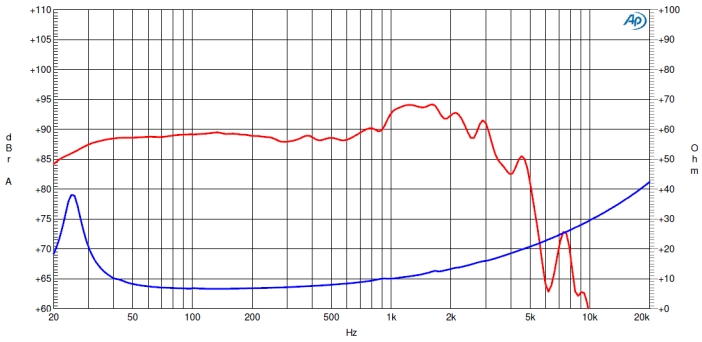
HW250



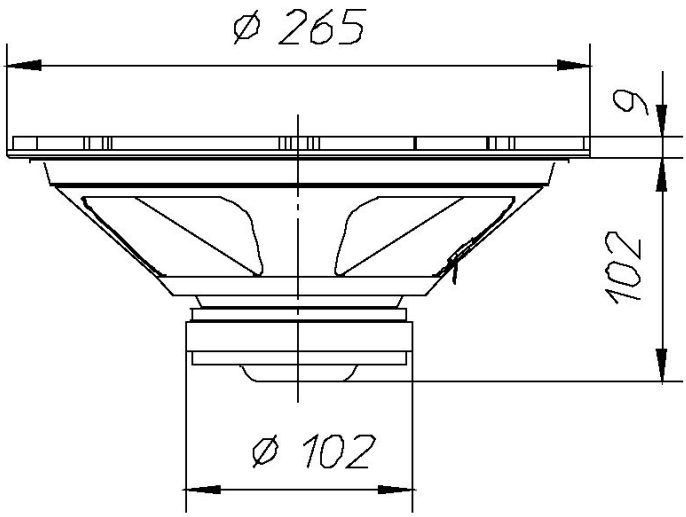
10" 8 Ohm Low Frequency Driver

Voice Coil Diameter	32 mm 1.25 in
Continuous Power Handling	180 W
Sensitivity	90 dB

DATASHEET DRAWINGS



DRAWINGS



HW250

SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 ©
Nominal Power Handling	90 W Nominal power is determined according to AES2-1984 (r2003) standard.
Continuous Power Handling	180 W Program Power is defined as 3 dB greater than the Nominal rating.
Sensitivity	90 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 - 20 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	32 mm (1.25 in)
Former Material	Aluminum
Winding Depth	16 mm (0.63 in)
Magnetic Gap Depth	6 mm (0.24 in)

PARAMETERS

Fs	23 Hz
Re	6 ©
Qes	0.58
Qms	3
Qts	0.48
Vas	275 dm³ (9.71 ft³)
Sd	340 cm² (52.7 in²)
·0	0.55 %
Xmax	6.5 mm (0.26 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	29 g
Bl	6.55 Tm
Le	0.6 mH
Cms	1.7 mm/N
d	208 mm (8.19 in)
EBP	40 Hz

DESIGN

Surround Shape	Polyurethane
Recommended Enclosure	95 dm³ (3.355 ft³)
Recommended Loading	Sealed box
Cone Material	Treated Cellulose

MOUNTING AND SHIPPING INFO

Overall Diameter	265 mm (10.43 in)
Bolt Circle Diameter	253 mm (9.96 in)
Baffle Cutout Diameter	238 mm (9.37 in)
Depth	111 mm (4.37 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Net Weight	1.8 kg (3.96 lb)
Shipping Units	4 pcs
Basket Material	Steel
Bolt Quantity	8 pcs
Bolt Diameter	6 mm (0.24 in)