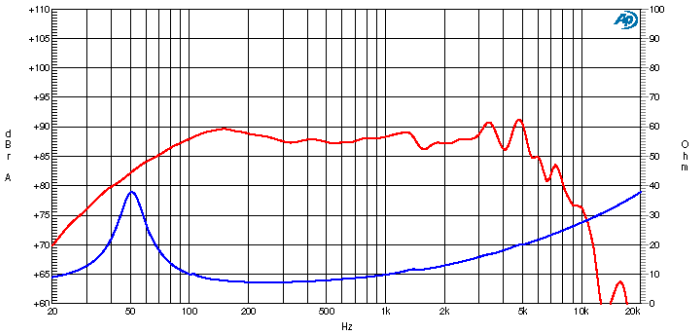
HW161N



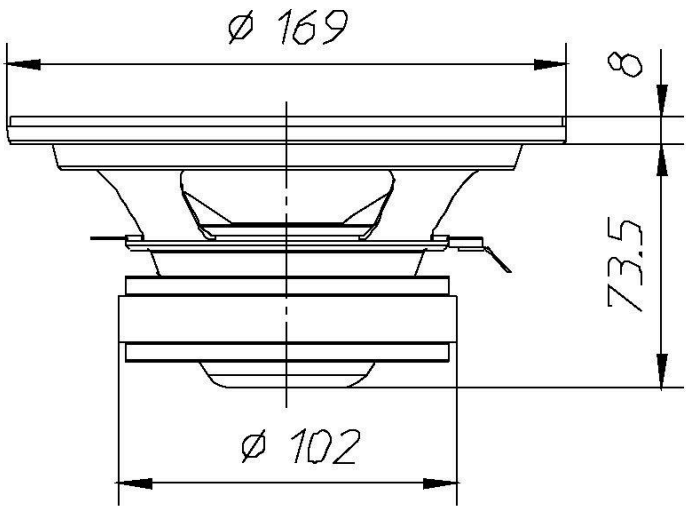
6.5" 8 Ohm Low Frequency Driver

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

DATASHEET DRAWINGS



DRAWINGS



HW161N

SPECIFICATIONS

Nominal Diameter	165 mm (6.5 in)
Nominal Impedance	8 ©
Nominal Power Handling	80 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	40 Hz - 40 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	12.9 mm (0.51 in)
Magnetic Gap Depth	6 mm (0.24 in)

PARAMETERS

Fs	47 Hz
Re	6.1 ©
Qes	0.46
Qms	2.01
Qts	0.37
Vas	19.9 dm^3 (0.7 ft^3)
Sd	133 cm^2 (20.62 in^2)
·0	0.45 %
Xmax	5 mm (0.2 in) Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
Mms	13.99 g
Bl	7.42 Tm
Le	0.69 mH
Cms	0.81 mm/N
d	130 mm (5.12 in)
EBP	102 Hz

DESIGN

Surround Shape	Rubber
Recommended Enclosure	17 dm^3 (0.6 ft^3)
Recommended Loading	Vented Box
Cone Material	Treated Cellulose

MOUNTING AND SHIPPING INFO

Overall Diameter	169 mm (6.65 in)
Bolt Circle Diameter	158 mm (6.22 in)
Baffle Cutout Diameter	142 mm (5.59 in)
Depth	81.5 mm (3.21 in)
Flange and Gasket Thickness	8 mm (0.31 in)
Net Weight	1.4 kg (3.08 lb)
Shipping Units	6 pcs
Basket Material	Steel
Bolt Quantity	4 pcs
Bolt Diameter	5 mm (0.2 in)