



Peerless Data Sheet

Type: HDS EXCLUSIVE 106 WR 26 81 NWP AL CU PH 8 OHM - 830881



Electrical data

Nominal impedance	Zn	8 (ohm)
Minimum imp./at freq.	Zmin	6.8/376 (ohm/Hz)
Maximum impedance	Zo	30.6 (ohm)
Dc resistance	Re	5.9 (ohm)
Voice coil inductance	Le	1.0 (mH)

TS Parameters

Resonance Frequency	fs	81.2 (Hz)
Mechanical Q factor	Qms	2.31
Electrical Q factor	Qes	0.55
Total Q factor	Qts	0.45

Force factor	Bl	6.4 (Tm)
Mechanical resistance	Rms	1.63 (Kg/s)
Moving mass	Mms	7.4 (g)
Suspens. compliance	Cms	0.52 (mm/N)
Effective cone diam.	D	8.2 (cm)
Effective piston area	Sd	53 (cm²)
Equivalent volume	Vas	2.0 (ltrs)
SPL 2.83V/1m at fmin		84.0 (dB)

Power handling

100h RMS noise test (IEC)	- (W)
Longterm Max System Power (IEC)	- (W)
IEC268-5 noise signal is used for the powertest.	

Voice coil and magnet parameters

Voice coil diameter	26.0 (mm)
Voice coil length	13.0 (mm)
Voice coil layers	2
Height of the gap	6.0 (mm)
Linear excursion +/-	3.5 (mm)
Max mech. excursion +/-	- (mm)
Total useful flux	0.7 (mWb)
Diameter of magnet	81 (mm)
Height of magnet	15 (mm)
Weight of magnet	0.31 (kg)

Factors

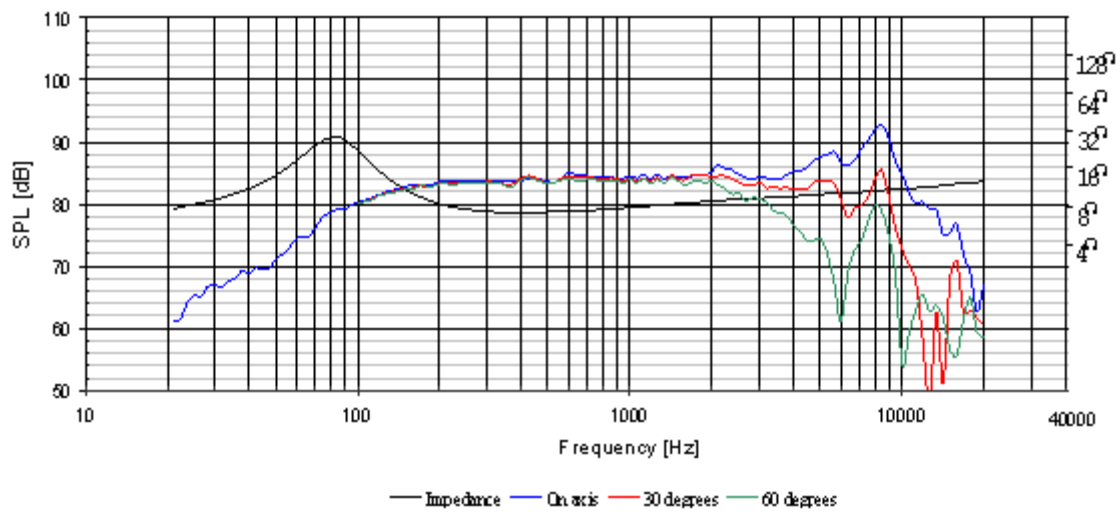
Ratio fs/Qts	182
Ratio BL/sqrt(Re)	2.6

Special remarks

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Remarks on powertest

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Measuring methods and conditions are stated in Peerless Standard for Acoustic Measurements (PSAM)