

Model No.: HPD-40N16PET00-32
 Product Line: Tymphany

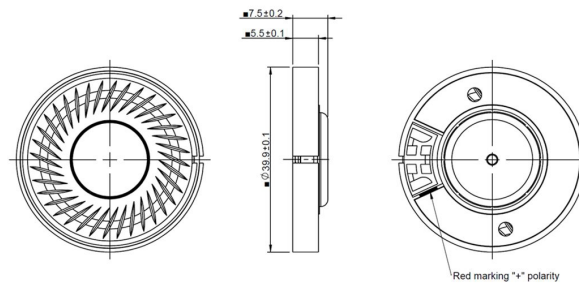
Rev: 1
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Product Description

HPD headphone, 40 mm, plastic diaphragm, NdFeB motor, no faceplate, 32 ohm



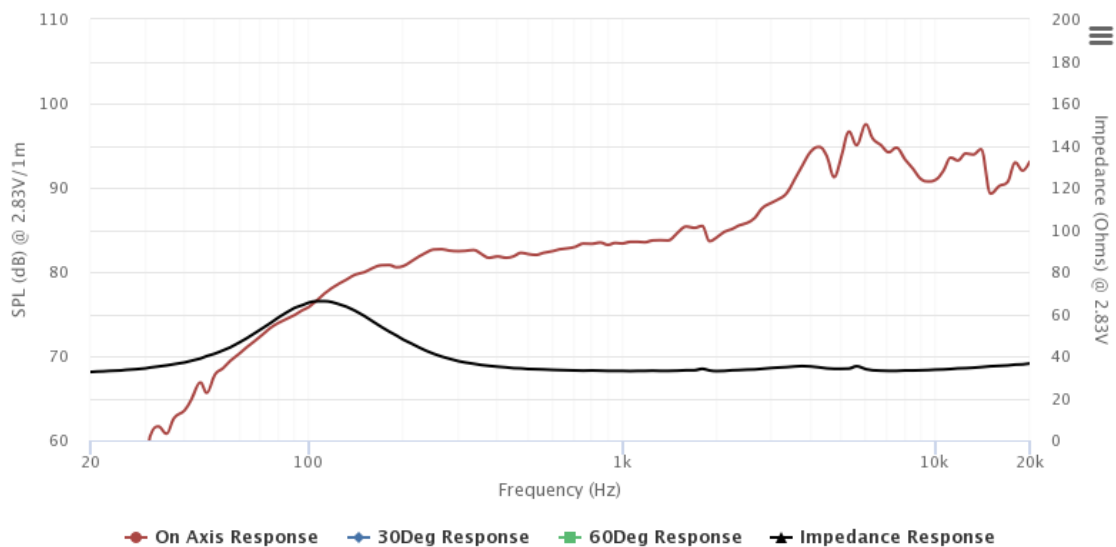
Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	32.8	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs
Minimum Impedance	Zmin	Ohms	32.9	7.5%	Moving Mass	Mms	g
Voice Coil Inductance	Le	mH	0		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	81.8	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		2.71		Effective Piston Area	Sd	cm ²
Electrical Q Factor	Qes		1.01		Effective Volume	Vas	L
Total Q Factor	Qts		0.74		Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	110.99		Motor Efficiency Factor	β	(T*M ²)/Ohms
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	83.5	+/- 1.0db	Voice coil former Material	VCfm	Nil
Half Space Sensitivity @1W/1M	db@1W/1M	dB	89.6	+/- 1.0db	Voice coil inner diameter	VCd	mm
Gap Height	Gh	mm	1		Rated Noise Power	P	W
Maximum Linear Excursion	Xmax	mm	0.8		Test Spectrum Bandwidth		20Hz~20KHz
Ferrofluid Type	FF				Driver Size	Inch	1.5 in
Driver Mass	Kg		0.01				

Frequency and Impedance Response



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