


MODEL: CMS-3615-28SP | **DESCRIPTION:** SPEAKER

FEATURES

- 8 ohm
- rated 2.0 W
- solder tabs


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			2	3	W
impedance	at 1.5 kHz	6.8	8	9.2	Ω
resonant frequency (Fo)		256	320	384	Hz
frequency response		200		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg 0.6, 0.8, 1.0, 1.2 kHz	83	86	89	dB
distortion	at 1.0 kHz, 1.0 W			5	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			4.0	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	$\varnothing 36 \times 15.5$				mm
magnet	Nd-Fe-B				
frame material	iron				
cone material	PU + paper				
terminal	solder tabs				
weight			25		g
operating temperature		-20		55	$^{\circ}\text{C}$
storage temperature		-25		60	$^{\circ}\text{C}$
hand soldering	for maximum 2 seconds	360		380	$^{\circ}\text{C}$
RoHS	yes				

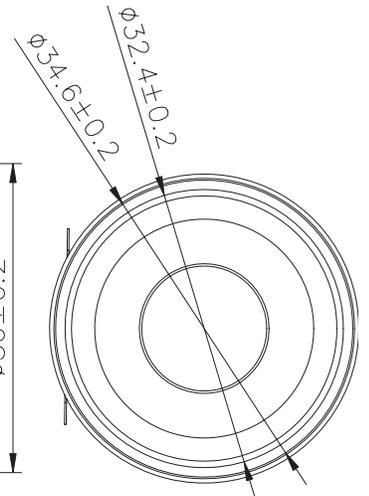
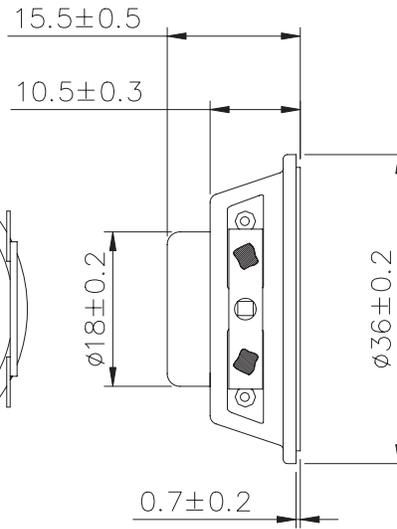
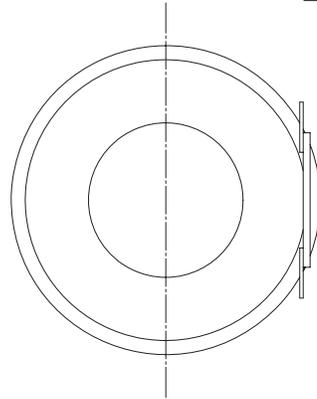
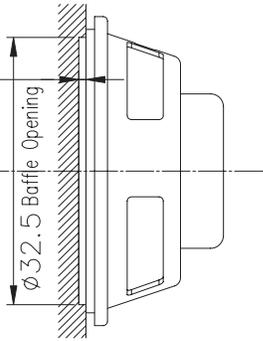
Notes: 1. All specifications measured at 15-35 $^{\circ}\text{C}$, humidity at 25-75%, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ± 0.2 mm

MOUNTING NOTICE

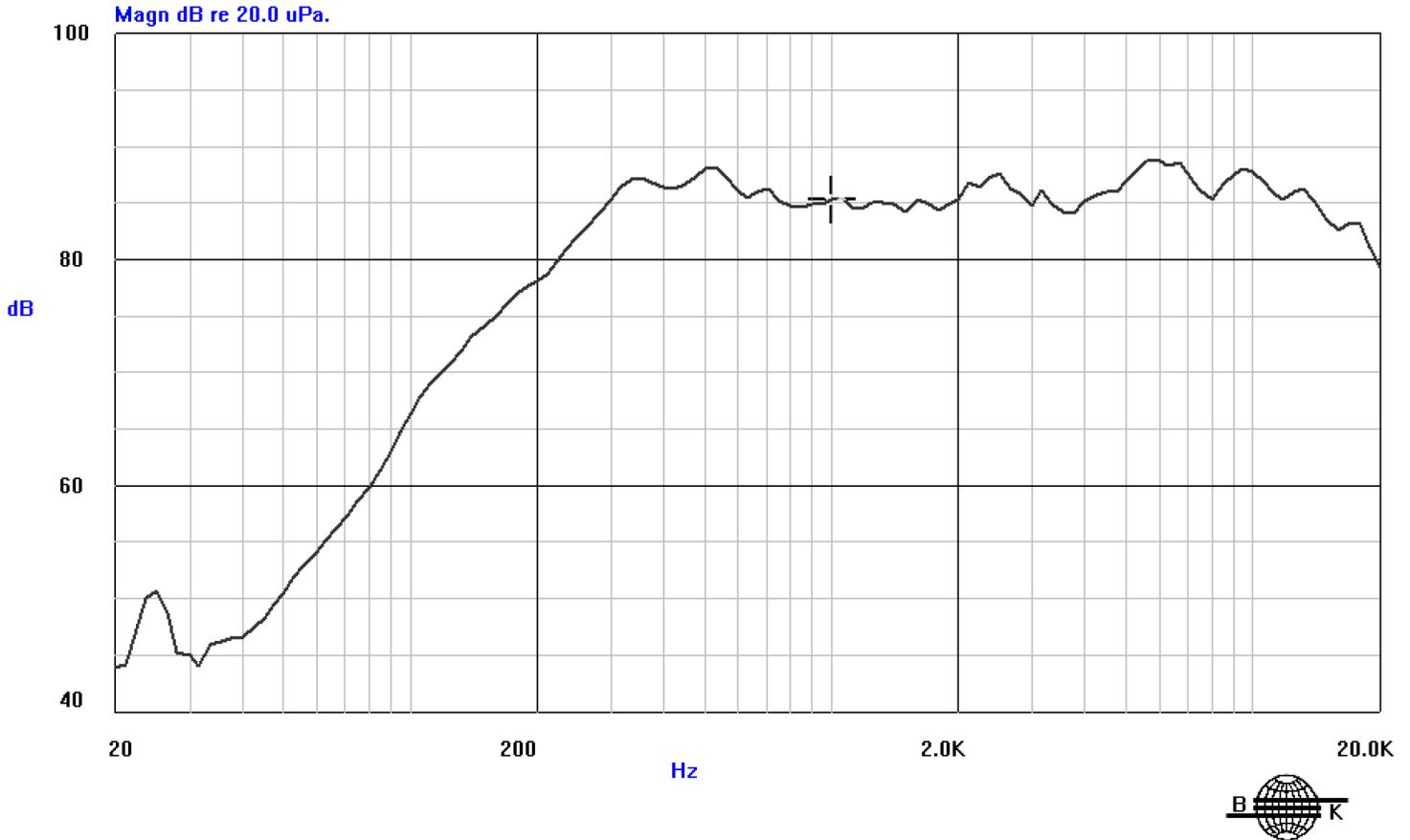
AT LEAST
3.8mm
FOR
DIAPHRAGM
MOVING



RESPONSE CURVES

Frequency Response Curve

Test Conditions: 2.83 V / 50 cm



THIELE-SMALL PARAMETERS

parameter	conditions/description	typ
Mechanical Q Factor	Qms	5.307
Electrical Q Factor	Qes	6.517
Total Q Factor	Qts	2.925
Compliance Equivalent Volume	Vas	0.0609

Notes: 2. Results represent typical performance in Free Air conditions.

REVISION HISTORY

rev.	description	date
1.0	initial release	07/06/2023
1.01	CUI Devices rebranded to Same Sky	09/11/2024
1.02	added Thiele-Small Parameters	01/30/2025

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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