

SPECIFICATIONS

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Real high-end tweeter design with extremely low resonance frequency

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no air inside is trapped. This feature extends the usable frequency range downwards to an extend very rarely found on tweeters.
Adding the high power handling this tweeter is the natural candidate for high-end 2-way speaker systems.



FEATURES

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- Flexible lead wires for higher power handling and larger excursion
- Black anodized magnet structure for increased power handling and reduced power compression
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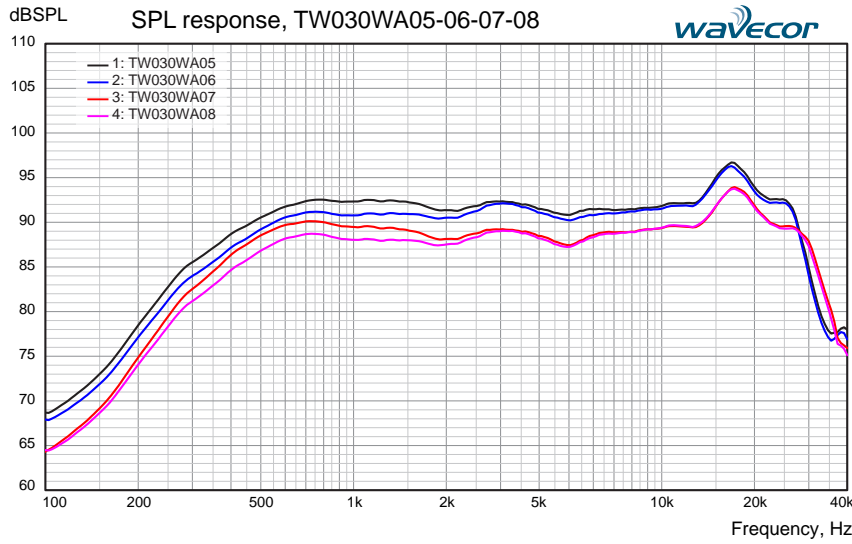
NOMINAL SPECIFICATIONS

V	Parameter	TW030WA05	TW030WA06	TW030WA07	TW030WA08	Unit
	Nominal size	30	30	30	30	[mm]
	Nominal impedance	4	4	8	8	[ohm]
	Recommended frequency range	1.5 - 30	1.5 - 30	1.5 - 30	1.5 - 30	[kHz]
1	o † ohO =	91½	91	89	88½	[dB]
2	h @# =h' = "					[W]
2	h @# =h' = "					[W]
2	h @# =h' = "	50	60	50	60	[W]
	- Qd	11	11	11	11	[cm²]
3	k 7s	450	450	450	450	[Hz]
	U Ums	0.49	0.49	0.49	0.49	[g]
3	Force factor, Bxl	2.1	2.1	2.6	2.6	V
3	Suspension compliance, Cms	0.26	0.26	0.26	0.26	V
3	- †as	0.044	0.044	0.044	0.044	[lit.]
3	Mechanical Q, Qms	1.8	1.4	2.1	1.5	[-]
3	Electrical Q, Qes	1.0	1.0	1.4	1.4	[-]
3	Total Q, Qts	0.65	0.59	0.84	0.72	[-]
4	† kDC	3.2	3.2	6.3	6.3	[ohm]
5	† Qe =	0.039	0.039	0.061		[mH]
	†	30	30	30	30	[mm]
	†	1.7	1.7	1.7	1.7	[mm]
	Air gap height	2.5	2.5	2.5	2.5	[mm]
	Magnet weight	260	260	260	260	[g]
	Total unit net weight excl. packaging	0.59	0.59	0.59	0.59	[kg]
3,5	Krm	100	152	67	64	[ohm]
3,5	Erm	0.85	0.82	0.91	0.92	[-]
3,5	Kxm	3.3	2.8	5.1	4.3	[mH]
3,5	Exm	0.56	0.56	0.56	0.56	[-]

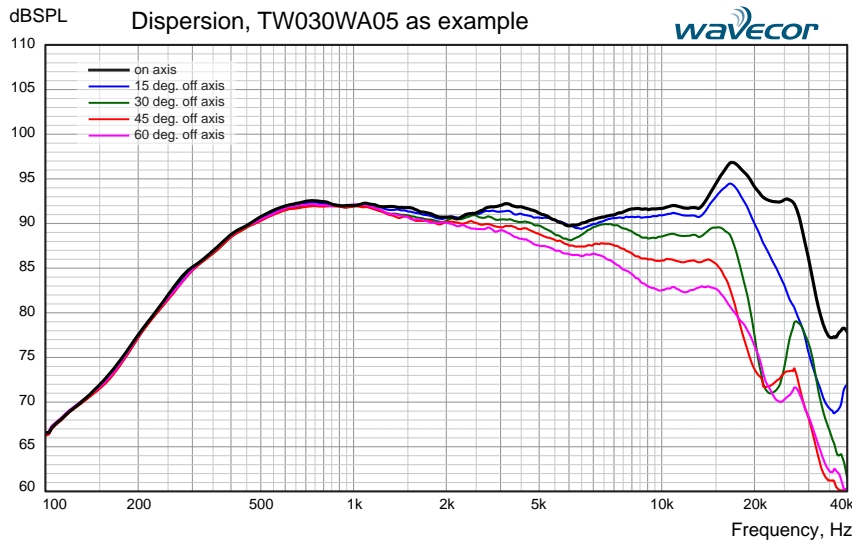
Note 1 U
Note 2 u
Note 3 U
Note 4 U #
Note 5 @

Mm -rm M This more accurate transducer model is described in a technical paper [www.wavecor.com](#)

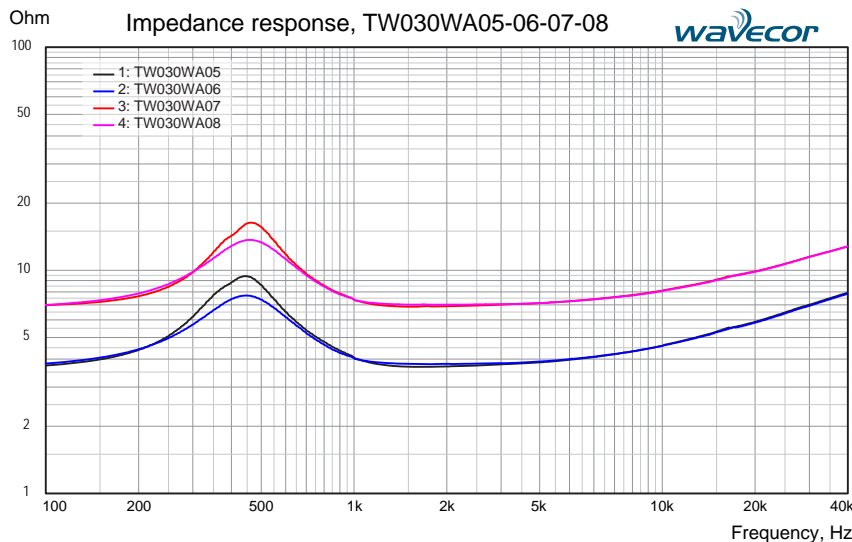
SPECIFICATIONS



U
) 7 chO
 Microphone distance: 1.0 m
 @ RMS
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U
) 7 chO
 Microphone distance: 1.0 m
 @ RMS
 o



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) 7
 Input signal: Semi-current-drive,
 nominal current 2 mA
 Smoothing: None

