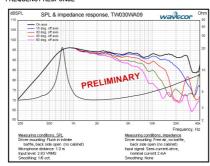
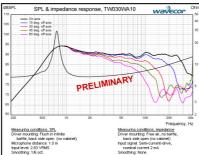
TW030WA09/10 30 mm textile tweeter, 4/8 ohm



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FREQUENCY RESPONSE

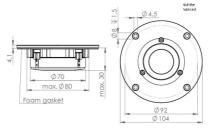




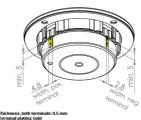
NOMINAL SPECIFICATIONS

Notes	Parameter	TW030WA09	TW030WA10	Unit
	Nominal size	30	30	[mm]
	Nominal impedance	4	8	[ohm]
0.00	Recommended frequency range	2 - 27	2 - 27	[kHz]
1, 4	Sensitivity, 2.83V/Im (average SPL in range 2 - 20 kHz)	92.5	90	[dB]
2	Power handling, short term, IEC 268-5, 2.5 kHz@12dB/oct.			[///]
2	Power handling, long term, IEC 268-5, 2.5 kHz@12dB/oct.			[VV]
2	Power handling, continuous, IEC 268-5, 2.5 kHz@12dBloct.			[///]
	Effective radiating area, S _d	11.5	11.5	[sq.cm
3, 4, 6	Resonance frequency (free air, no baffle), F _S	725	750	[Hz]
	Moving mass, incl. air (free air, no baffle), M _{ms}	0.45	0.42	[9]
3	Force factor, Bxl	2.0	2.4	[N/A]
3, 4, 6	Suspension compliance, C _{ms}	0.11	0.11	[mm/N]
3, 4, 6	Equivalent air volume, V _{as}	0.020	0.020	[H:]
3, 4, 6	Mechanical resistance, R _{ms}	0.25	0.25	[Ns.in]
3, 4, 6	Mechanical Q, Q _{ms}	8.1	7.8	[-]
3, 4, 6	Electrical Q, Q _{es}	1.74	2.17	[-]
3, 4, 6	Total Q, Q _{ts}	1.43	1.70	[-]
4	Voice coll resistance, R _{DC}	3.4	6.3	[ohm]
5	Voice coil inductance, L _e (measured at 20 kHz)			[JH]
	Voice coil inside diameter	30.4	30.4	[mm]
	Voice coll winding height	1.7	1.7	[mm]
	Air gap height	2.5	2.5	[mm]
	Theoretical linear motor stroke, Xmax	±0.40	±0.40	[mm]
	Magnet weight			[9]
	Total unit net weight excl. packaging			[kg]
3, 4, 5	K _{rm}			[mohm
3, 4, 5	E _{rm}			[-]
3, 4, 5	K _{om}			[mH]
3, 4, 5	E _{xm}			[-]

OUTLINE DRAWING AND NOMINAL DIMENSIONS (mm)



TERMINAL NOMINAL DIMENSIONS (mm)



PACKAGING AND ORDERING INFORMATION

Part no. TW030WA09-01	4 ohm version, individual packaging (one piece per box)
Part no. TW030WA09-02	4 ohm version, bulk packaging
Part no. TW030WA10-01	8 ohm version, individual packaging (one piece per box)
Part no. TW030WA10-02	8 ohm version, bulk packaging