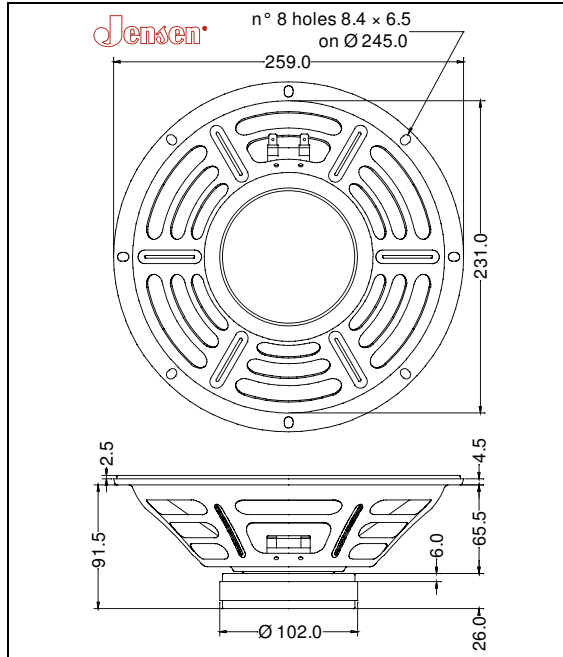


GENERAL CHARACTERISTICS		
Nominal Overall Diameter	259 mm.	10 in.
Nominal Voice Coil Diameter	32 mm.	1.25 in.
Magnet Weight	426 g	15.00 oz
Overall Weight		3.70 lbs
Flux Density		1.10 T

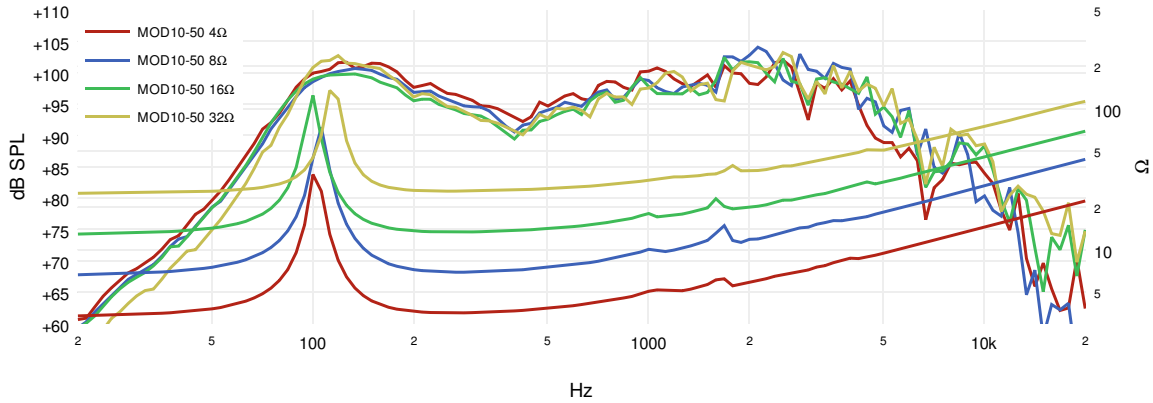
ELECTRICAL CHARACTERISTICS	4Ω	8Ω	16Ω	32Ω
Nominal Impedance	4	8	16	32 Ω
Rated Power	50	50	50	50 W
Musical Power	100	100	100	100 W
Sensitivity@1W,1m	95.1	95.8	94.0	91.9 dB

THIELE-SMALL PARAMETERS		4Ω	8Ω	16Ω	32Ω	
Voice Coil DC Resistance	R_E	3.08	6.20	12.00	24.52	Ω
Resonance Frequency	f_s	101.6	107.0	101.0	110.6	Hz
Mechanical Q Factor	Q_{MS}	16.16	16.84	18.07	16.22	
Electrical Q Factor	Q_{ES}	1.34	1.29	1.67	2.29	
Total Q Factor	Q_{TS}	1.24	1.20	1.53	2.47	
Mechanical Moving Mass	M_{MS}	18.1	16.5	18.5	20.6	g
Mechanical Compliance	C_{MS}	135	136	134	94	μm/N
Force Factor	$B \times L$	5.16	7.28	9.31	11.18	Wb/m
Equivalent Acoustic Volume	V_{AS}	2078.0	20.8	20.4	14.4	lt.
Maximum Linear Displacement	X_{MAX}	2.00	1.50	1.50	2.00	mm
Reference Efficiency	η_0	1.56	1.87	1.22	0.71	%
Diaphragm Area	S_D	330.1	330.0	330.0	330.1	cm ²
Losses Electrical Resistance	R_{ES}	37.2	81.0	135.0	136.5	Ω
Voice Coil Inductance @ 1kHz	L_E	0.39	0.62	1.08	1.60	mH

CONSTRUCTIVE CHARACTERISTICS		
Magnet		Ferrite
Voice Coil Winding		Copper
Voice Coil Former		Epotex
Cone Material		Paper
Surround Material		Integrated Paper
Dust Dome Material		Non-treated Cloth
Basket Material		Pressed Sheet Steel



Frequency Response on IEC Baffle (DIN 45575) @ 1W, 1m - Free Air Impedance



Due to continuing product improvement, the features and the design are subject to change without notice.