

## 10" - 500W Bass Guitar Loudspeaker

10 B2,5 - 8 Ω

Code Z005910

### GENERAL CHARACTERISTICS

Nominal Overall Diameter .....	268	mm
Nominal Voice Coil Diameter .....	65	mm
Magnet Weight .....	220	g
Flux Density.....	1.14	T
Weight.....	2.22	Kg

### THIELE-SMALL PARAMETERS

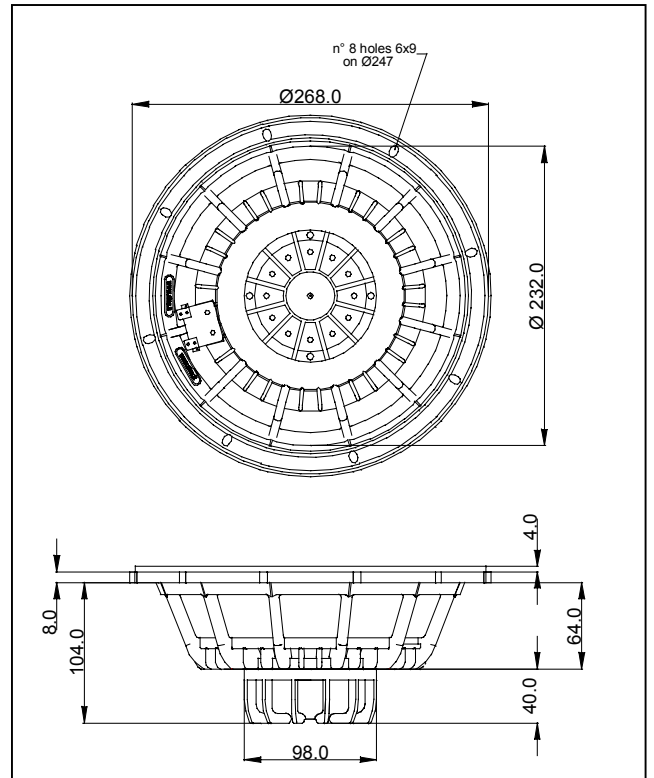
Voice Coil DC Resistance .....	$R_E$	5.14	Ω
Resonance Frequency .....	$f_s$	57.6	Hz
Mechanical Q Factor.....	$Q_{MS}$	6.45	
Electrical Q Factor.....	$Q_{ES}$	0.47	
Total Q Factor .....	$Q_{TS}$	0.43	
Mechanical Moving Mass .....	$M_{MS}$	41.9	g
Mechanical Compliance .....	$C_{MS}$	180	μm/N
Force Factor .....	$B \times l$	12.94	Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	30.9	lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-5.0	mm
Reference Efficiency .....	$\eta_0$	1.22	%
Diaphragm Area .....	$S_D$	346.3	cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	71.3	Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	0.84	mH

### CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Neodymium
Voice Coil Winding.....	Copper
Voice Coil Former.....	Kapton
Cone .....	Paper
Surround.....	Treated Cloth
Dust Dome .....	Solid Paper
Basket .....	Aluminium Die-Cast

### ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	8	Ω
Musical Power .....	500	W
Rated Power* .....	250	W
Sensitivity @ 1 W, 1 m .....	95.0	dB



\*rated power measured with 2 hours test with pink noise signal, 6 dB crest factor, loudspeaker mounted on enclosure  
Thiele-Small parameters measured with LASER system

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

