

## 10" - 500W Professional Woofer

LP 266.65/N220 T 16 Ω

Code Z006902

### GENERAL CHARACTERISTICS

Nominal Overall Diameter .....	266	mm
Nominal Voice Coil Diameter .....	65	mm
Magnet Weight .....	220	g
Flux Density.....	1.11	T
Weight.....	2.00	Kg

### THIELE-SMALL PARAMETERS

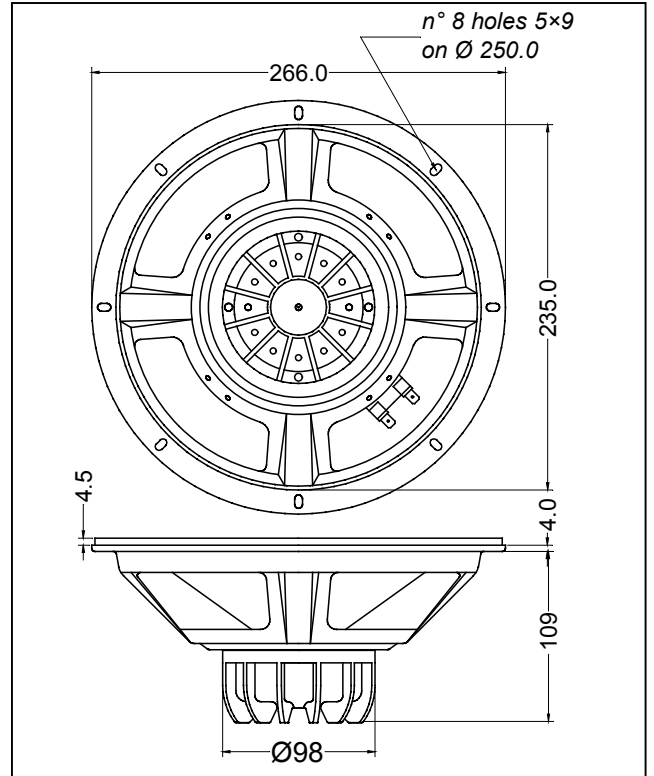
Voice Coil DC Resistance .....	$R_E$	12.90	Ω
Resonance Frequency .....	$f_s$	61.0	Hz
Mechanical Q Factor.....	$Q_{MS}$	7.69	
Electrical Q Factor.....	$Q_{ES}$	0.46	
Total Q Factor .....	$Q_{TS}$	0.44	
Mechanical Moving Mass .....	$M_{MS}$	25.3	g
Mechanical Compliance .....	$C_{MS}$	269	μm/N
Force Factor .....	$B \times l$	15.90	Wb/m
Equivalent Acoustic Volume.....	$V_{AS}$	41.2	lt.
Maximum Linear Displacement ....	$X_{MAX}$	+/-4.0	mm
Reference Efficiency .....	$\eta_0$	1.92	%
Diaphragm Area .....	$S_D$	330.0	cm <sup>2</sup>
Losses Electrical Resistance.....	$R_{ES}$	200.2	Ω
Voice Coil Inductance @ 1kHz .....	$L_E$	1.19	mH

### CONSTRUCTIVE CHARACTERISTICS

Magnet.....	Neodymium
Voice Coil Winding.....	Aluminium
Voice Coil Former.....	Fiberglass
Cone .....	Paper
Surround.....	Treated Cloth
Dust Dome .....	Solid Paper
Basket .....	Pressed Sheet Steel

### ELECTRICAL CHARACTERISTICS

Nominal Impedance.....	16	Ω
Musical Power .....	500	W
Rated Power* .....	250	W
Sensitivity @ 1 W, 1 m .....	96.1	dB



\*rated power measured with 2 hours test with pink noise signal, 6 dB crest factor, loudspeaker mounted on enclosure

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

