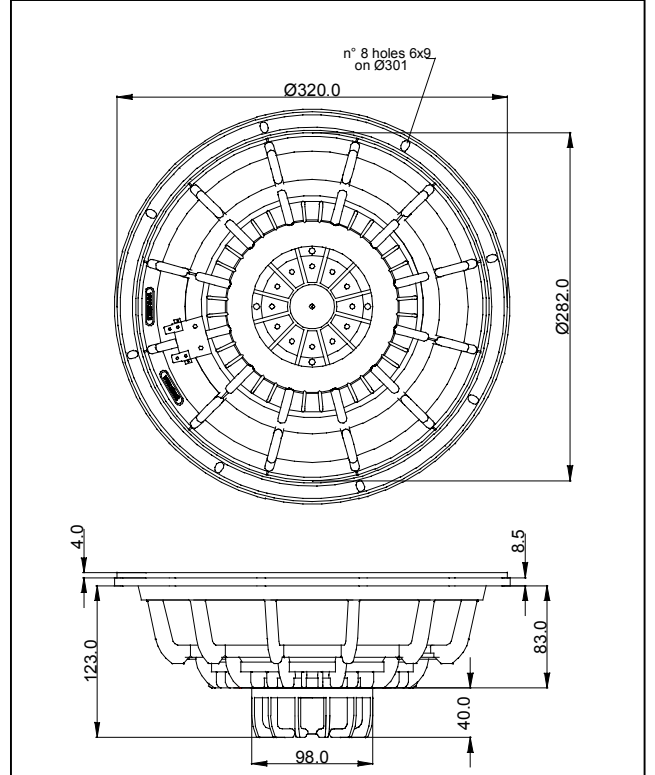


GENERAL CHARACTERISTICS		
Nominal Overall Diameter	320	mm
Nominal Voice Coil Diameter	65	mm
Magnet Weight	220	g
Flux Density.....	1.14	T
Weight.....	2.50	Kg

THIELE-SMALL PARAMETERS		
Voice Coil DC Resistance	R_E	5.46 Ω
Resonance Frequency	f_s	46.8 Hz
Mechanical Q Factor.....	Q_{MS}	12.58
Electrical Q Factor.....	Q_{ES}	0.44
Total Q Factor	Q_{TS}	0.43
Mechanical Moving Mass	M_{MS}	56.7 g
Mechanical Compliance	C_{MS}	200 μm/N
Force Factor	$B \times l$	14.37 Wb/m
Equivalent Acoustic Volume.....	V_{AS}	81.3 lt.
Maximum Linear Displacement	X_{MAX}	+/-5.0 mm
Reference Efficiency	η_0	1.81 %
Diaphragm Area	S_D	530.9 cm ²
Losses Electrical Resistance.....	R_{ES}	155.6 Ω
Voice Coil Inductance @ 1kHz	L_E	1.00 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	96.4	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

