



CR18/800

Sample NO. CR18/800

GENERAL CHARACTERISTICS

Nominal Overall Diameter	475	mm
Nominal Voice Coil Diameter	100	mm
Magnet Weight	3490	g
Flux Density	1.8	T
Weight	12	Kg

THIELE-SMALL PARAMETERS

Voice Coil DC Resistance	Re	5.5	Ω
Resonance Frequency	Fs	38	Hz
Mechanical Q Factor	Qms	9.449	
Electrical Q Factor	Qes	0.51	
Total Q Factor	Qts	0.483	
Mechanical Moving Mass	Mms	140	g
Mechanical Compliance	Cms	125.5	um/N
Force Factor	BL	19	Wb/m
Equivalent Acoustic Volume	Vas	275	lt.
Maximum Linear Displacement	Xmax	± 5	mm
Reference Efficiency	η_0	2.85	%
Diaphragm Area	Sd	1244	Cm ²
Losses Electrical Resistance	Res	42.5	Ω
Voice Coil Inductance@ 1K Hz	LE	1.65	m H

CONSTRUCTIVE CHARACTERISTICS

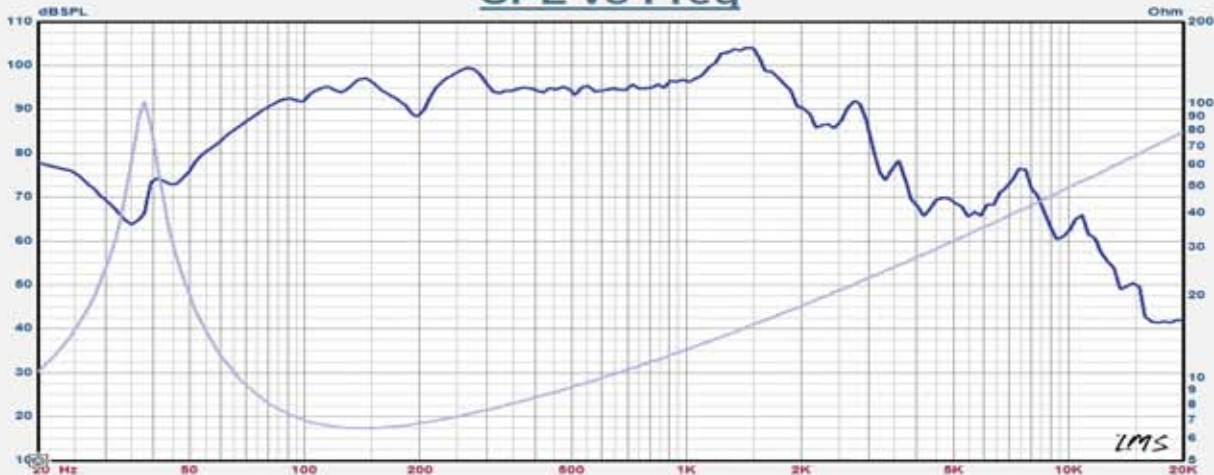
Magnet	Ferrite
Voice Coil Winding	Copper
Voice Coil Former	Glass Fiber
Cone	Paper
Surround	Treated Cloth
Dust Dome	Paper
Basket	aluminium

ELECTRICAL CHARACTERISTICS

Nominal Impedance	8	Ω
Musical Power	1600	W
Rated Power	800	W
Sensitivity@1W/1m	97	d B



SPL vs Freq



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