



CR 12/400 A

Sample NO. :CR 12/400 A

GENERAL CHARACTERISTICS

Nominal Overall Diameter	312	mm
Nominal Voice Coil Diameter	75	mm
Magnet Weight	1667	g
Flux Density	1.2	T
Weight	5.2	Kg

THIELE-SMALL PARAMETERS

Voice Coil DC Resistance	Re	7.1	Ω
Resonance Frequency	Fs	38	Hz
Mechanical Q Factor	Qms	5.73	
Electrical Q Factor	Qes	0.379	
Total Q Factor	Qts	0.355	
Mechanical Moving Mass	Mms	87.2	g
Mechanical Compliance	Cms	193.7	um/N
Force Factor	BL	19.9	Wb/m
Equivalent Acoustic Volume	Vas	77.5	lt.
Maximum Linear Displacement	Xmax	± 4	mm
Reference Efficiency	η_0	1.15	%
Diaphragm Area	Sd	53	Cm ²
Losses Electrical Resistance	Res		Ω
Voice Coil Inductance@ 1K Hz	LE		m H

CONSTRUCTIVE CHARACTERISTICS

Magnet	Ferrite
Voice Coil Winding	Copper
Voice Coil Former	Kpton
Cone	Paper
Surround	Treated Cloth
Dust Dome	Paper
Basket	Aluminium Die-Cast

ELECTRICAL CHARACTERISTICS

Nominal Impedance	8	Ω
Musical Power	800	W
Rated Power	400	W
Sensitivity@1W/1m	94	d B



SPL vs Freq



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