

Pioneer TS-W254C

Subwoofer Specifications & Enclosure Design



T/S PARAMETERS		
Dia	10	in.
Z	4.0	W
Zmax	47.76	W
Re	3.0	W
fs	27.9	Hz
Qms	6.539	
Qes	0.467	
Qts	0.436	
Vas	1.735	ft ³
	49.13	Liters
Sd	0.373	ft ²
	0.0346	M ²
BL	11.574	TM
Cms	289.1	m / N
Mms	112.27	Grams
Rms	3.019	Ns/m
VC Ht.	1.106	in.
	28	mm
Air gap	0.349	in.
	10	mm
Xmax	0.36	in.
	9.1	mm
le	1.93	mH
VC dia.	1.57	in.
	40	mm
Displ.	0.044	ft ³
	1.26	Liters
Sens	87.0	dB
Pwr (rms)	250	Watts
Pwr (max)	500	Watts

RECOMMENDED ENCLOSURES			
Enclosure Type	Sealed Volume	Ported Volume	Port Length
Sealed	0.8 ft ³	—	—
Ported	—	0.9 ft ³	3"D x 13"L
Bandpass	0.6 ft ³	0.45 ft ³	3"D x 11"L
Dual Bandpass	1.0 ft ³	1.0 ft ³	(2) 3"D x 8 1/8"L

