



Technical Specification

SB75-314

SPECIFICATION	MODEL SB75-314	UNITS
Sensitivity	88	dB@1w@1m
Nominal Power Rating	75	Watts
Maximum Input Power	150	Watts
Maximum Programme Power	300	Watts
Usable Frequency Range	Up to 3k	Hz
Recommended Crossover Frequencies in System	Up to 1k	Hz
Nominal Free Air Resonance - fs	21	Hz
Mechanical Damping - Qms	1.3	
Electromagnetic Damping - Qes	0.29	
Total Damping - Qts	0.24	
Equivalent Compliance Volume - Vas	360	Litres
Suspension Compliance - Cms	7.35	$\times 10^{-4} \text{m/N}$
Effective Moving Mass - Mms	70	gms
Mechanical Resistance - Rms	8.6	N.s/m^5
Voice Coil Diameter	75	mm
Voice Coil Length	10	mm
Voice Coil Nominal Resistance	5.4	Ohms
Voice Coil Nominal Impedance	8	Ohms
Voice Coil Maximum Travel Peak to Peak	25	mm
Magnet Total Flux - Φ	4.5	$\times 10^{-3} \text{Wb}$
Magnet Flux Density - B	0.95	Tesla
Magnet BI Product - BI	11	N/A
Magnet Gap Length	20	mm
Magnet Gap Volume	11.8	$\times 10^{-6} \text{m}^3$
Diaphragm Effective Area - So	590	cm^2
Diaphragm Surround Type	Rubber	
Overall Diameter	316	mm
Overall Depth	150	mm
Rear Mount Baffle Hole Diameter	280	mm
Front Mount Baffle Hole Diameter	286	mm
Front Mount Rebate Depth	14	mm
Mounting Hole P.C.D.	300	mm
Mounting Hole - Size x Qty	M6 x 8	
Shipping Weight	12	kg
Pack Size	36x36x22	cm

