



Technical Specification

SM75-150

SPECIFICATION	MODEL SM75-150	SM75-150S	UNITS
Sensitivity	91	94	dB@1w@1m
Nominal Power Rating	75	75	Watts
Maximum Input Power	150	150	Watts
Maximum Programme Power	300	300	Watts
Usable Frequency Range	Up to 5k	Up to 5k	Hz
Recommended Crossover Frequencies in System	380 to 3k8	380 to 3k8	Hz
Nominal Free Air Resonance – fs	320	320	Hz
Mechanical Damping – Qms	–	–	
Electromagnetic Damping – Qes	–	–	
Total Damping – Qts	–	–	
Equivalent Compliance Volume – Vas	–	–	Litres
Suspension Compliance – Cms	–	–	$\times 10^{-4}$ m/N
Effective Moving Mass – Mms	–	–	gms
Mechanical Resistance – Rms	–	–	N s/m ⁵
Voice Coil Diameter	75	75	mm
Voice Coil Length	3.5	3.5	mm
Voice Coil Nominal Resistance	5.2	5.2	Ohms
Voice Coil Nominal Impedance	8	8	Ohms
Voice Coil Maximum Travel Peak to Peak	6	6	mm
Magnet Total Flux – Φ	1.9	2.5	$\times 10^{-3}$ Wb
Magnet Flux Density – B	1.6	2.1	Tesla
Magnet BI Product – BI	–	–	N/A
Magnet Gap Length	5.0	5.0	mm
Magnet Gap Volume	–	–	$\times 10^{-6}$ m ³
Diaphragm Effective Area – So	50	50	cm ²
Diaphragm Surround Type	Fabric	Fabric	
Overall Diameter	190x162	190x162	mm
Overall Depth	94	92	mm
Rear Mount Baffle Hole Diameter	154	154	mm
Front Mount Baffle Hole Diameter	–	–	mm
Front Mount Rebate Depth	–	–	mm
Mounting Hole P.C.D.	172	172	mm
Mounting Hole – Size x Qty	M6 x 4	M6 x 4	
Shipping Weight	7	9	kg
Pack Size	25x25x16	25x25x16	cm

