GLADEN

SQX 08

Speaker Specifications

Power	Pe	**375 / 250**	RMS/Nom
DC resistance	Rdc	**3,2**	Ω
Nominal impedance	ZN	**4**	Ω
Resonance frequency	fs	**45,9**	HZ
Voice coil diameter		**2,0**	inch
Xmax	**+ -**	**8**	mm

Mechanical Q factor	Qms	**5,82**	
Electrical Q factor	Qes	**0,54**	
Total Q factor	Qts	**0,49**	

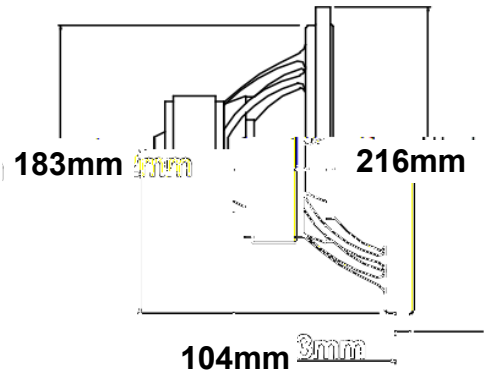
Moving mass	Mms	**51,1**	g
Effective piston area	Sd	**221**	cm2
Mechanical resistance	Rms	**2,5**	Kg/s
Compliance	Cms	**0,23**	mm/N
Force factor	BL	**9,4**	Tm
Equivalent air volume	Vas	**13,3**	dm3
SPL 2,83V/1m		**88,6**	dB

Cone: Paper	Spider: Nomex
Surround: Foam	Coil former: Aluminum
Basket: Aluminum	Dust cap: PP



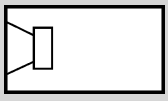
Diameter

External diameter	**216 mm / 8,50 inch**
Installation diameter	**183 mm / 7,20 inch**
Installation depth	**104 mm / 4,09 inch**
Magnet diameter	**126 mm / 4,96 inch**



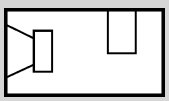
Recommended Boxes (including Ports and Drivers)

Sealed Box



V: **10** l

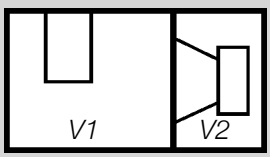
Vented Box



V: **18** l

Ft: 56 Hz
d: 70 / 2,76 mm / inch
l: 175 / 6,89 mm / inch

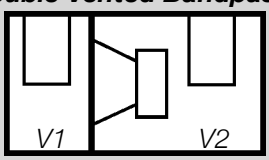
Band Pass



V1: **13** l V2: **9** l

d: 70 mm / 2,76 inch
l: 150 mm / 5,90 inch

Double Vented Bandpass



V1: **8** l	V2: **16** l
F1: 85 Hz	F2: 45 Hz
d: 70 mm / 2,76 inch	d: 50 mm / 1,97 inch
l: 160 mm / 6,30 inch	l: 160 mm / 6,30 inch