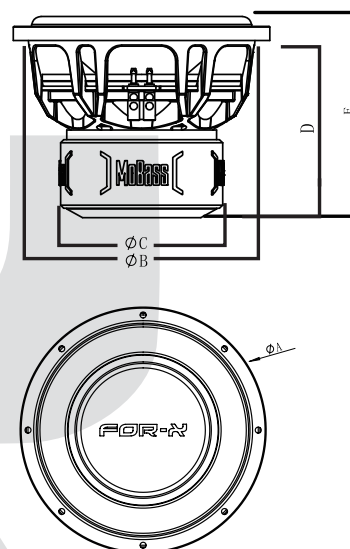


FOR-X

MBW-12SPL MBW-15SPL

Owner's Manual

Dimensions



MODEL	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
MBW12SPL D1/D2	330	290	200	225	280
MBW15SPL D1/D2	395	358	200	257	315

Recommended vented enclosure informations

Model	Subwoofer Displacement (cu.ft)	Enclosure Volume(cu.ft) (net enclosure volume)	Port Area (sq.in)	Port Length (inch)	Tuning Frequency (Hz)
MBW-12SPL					
MBW-15SPL					

Specifications

General Data					
		MBW-12SPL D1/D2		MBW-15SPL D1/D2	
Overall Dimensions	mm	330*280	330*280	395*315	395*315
Nominal Power Handling	W	2500			
Transient Power 10ms	W	5000			
Sensitivity	dB	84,2	84,3	85,8	86,3
Frequency Response	Hz				
Cone Material		PAPER	PAPER	PAPER	PAPER
Net Weight	kg				
Electrical Data					
Nominal Impedance	Ohm	Dual 1	Dual 2	Dual 2	Dual 1
DC Resistance	Ohm	Dual 3,8	Dual 6,4	Dual 6,4	Dual 3,8
Voice Coil and Magnet Parameters					
Voice Coil Diameter	mm	83	83	83	83
Voice Coil Height	mm	127	127	127	127
HE Magnetic Gap Height	mm	18	18	18	18
Max.Linear Excursion	mm	21	21	21	21
Voice Coil bobbin		aluminum	aluminum	aluminum	aluminum
Voice Coil Wire		CCA	CCA	CCA	CCA
Number Of Layers	layers	4L	4L	4L	4L
Magnet System Type		Ferrite	Ferrite	Ferrite	Ferrite
BL Product	N.A	14,9	23,8	15,4	23
T-S Parameters					
Suspension Compliance	Cms	46,8	37,8	40,2	33,09
Mechanical Q Factor	Qms	5,84	7,34	5,37	7,57
Electrical Q Factor	Qes	0,74	0,69	0,87	0,76
Total Q Factor	Qts	0,65	0,63	0,75	0,69
Moving Mass	Mms	326	363	437	475
Eq.Cas Air Load(liters)	VAS	18,7	15,1	39,8	32,7
Resonant Frequency	Fs	40,6	42,8	37,9	40,1
Effective Piston Area(CM ²)	SD	530	530	834	834
Connection:		Series	Parallel	Series	Parallel
		Series	Parallel	Series	Parallel

