



smeton®
TRANSDUCERS
Since 1982

Our Profile

Welcome to the world of **SWETON®**

The horizon where three decades of experience meet futuristic ideas

Established in the year 1982, **SWETON** is one of the pioneer brands of India recognised as the market leader in Eastern India and also has strong presence in other parts of the country as well as overseas.

- ◆ **SWETON** symbolises elegance, style and superior craftsmanship where each and every product is finest in technical superiority and aesthetic sophistication.
- ◆ **SWETON** believes in regular upgradation and development and a dedicated R&D Team works continuously with precision software and equipment.
- ◆ **SWETON** - Among the very few Indian Brands having an in-house product range of more than forty varieties of precision transducers for Professional sound industries.
- ◆ Manufactured at the modern plant in Kolkata, every **SWETON** Product undergoes rigorous Quality Control test with many state of the art software and equipments to ensure trouble free long life.
- ◆ **SWETON** products are best in quality at an affordable price.

SWETON®

Inspire.. Innovate.. Entertain...

8 IT 200 MB

KEY FEATURES

Continuous Program Power	400w
Sensitivity 1W/1M	97 db
Voice Coil Diameter	51.2 mm

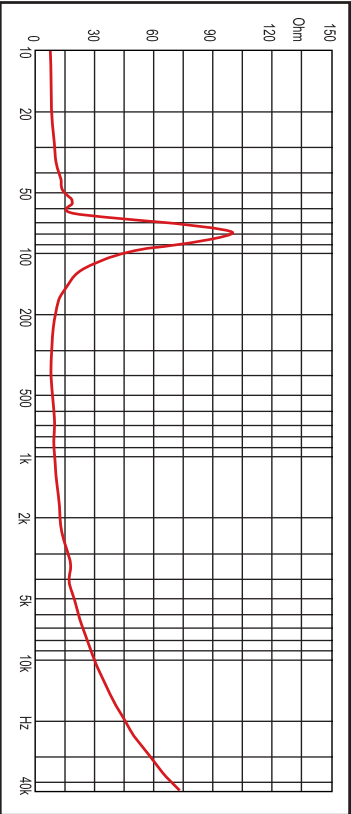
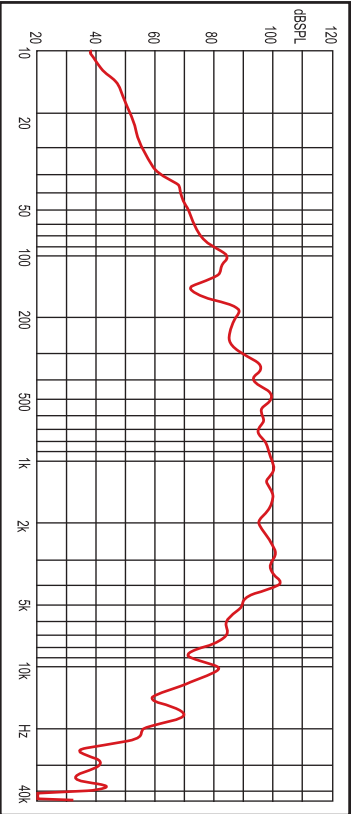


Specifications

Nominal Diameter	223 mm
Nominal Impedence	8 Ω
Power Handling (AES)	200 w
Continuous Program Power	400 w
Sensitivity 1W/1M	97 db
Wire Material	CCA W
Voice Coil Dia	51.2 mm
Voice Coil Former	Kapton
Winding Length	10 mm
Winding Type	In /Out
Top Plate Thickness	7 mm
Mechanical Xmax	2 mm
Baffle Cut	182 mm
Gross Weight	3.5 Kg

T/S Parameters

Fs	79 Hz
Re	7 Ω
Qes	0.35
Qms	4.78
Qts	0.33
Vas	26 lt
Mms	21.1 g
Mmd	18 g
BL	14.3 T-m
Le@1KHz	0.4 mH
EPB	226 Hz



8 IT 201 MID

KEY FEATURES

Continuous Program Power	400w
Sensitivity 1W/1M	97 db
Voice Coil Diameter	51.2 mm

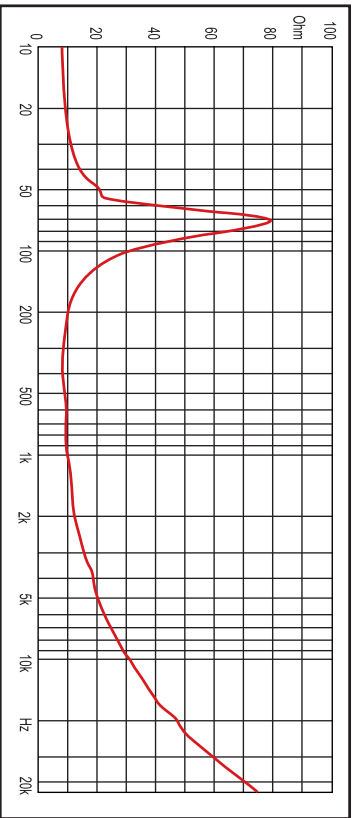
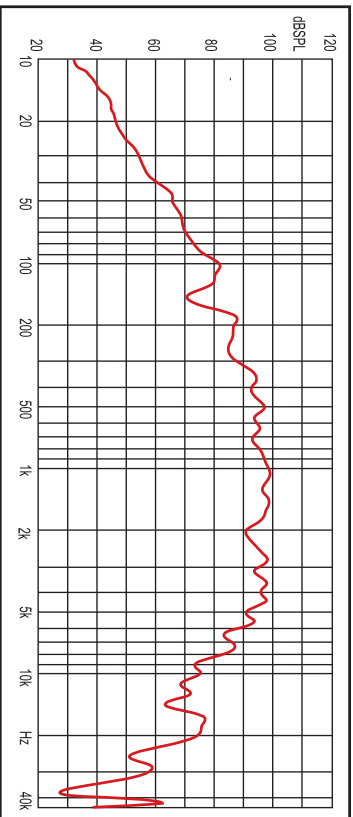


Specifications

Nominal Diameter	206 mm
Nominal Impedence	8 Ω
Power Handling (AES)	200 w
Continuous Program Power	400 w
Sensitivity 1W/1M	97 db
Wire Material	CCAW
Voice Coil Dia	51.2 mm
Voice Coil Former	Kapton
Winding Length	10 mm
Winding Type	In /Out
Top Plate Thickness	7 mm
Mechanical Xmax	2 mm
Baffle Cut	177 mm
Gross Weight	4 Kg

T/S Parameters

Fs	71 Hz
Re	7 Ω
Qes	0.36
Qms	3.77
Qts	0.32
Vas	38 lt
Mms	21.6 g
Mmd	18 g
BL	13.6 T-m
Le@1kHz	0.5 mH
EPB	197 Hz



10 IT 350 MID

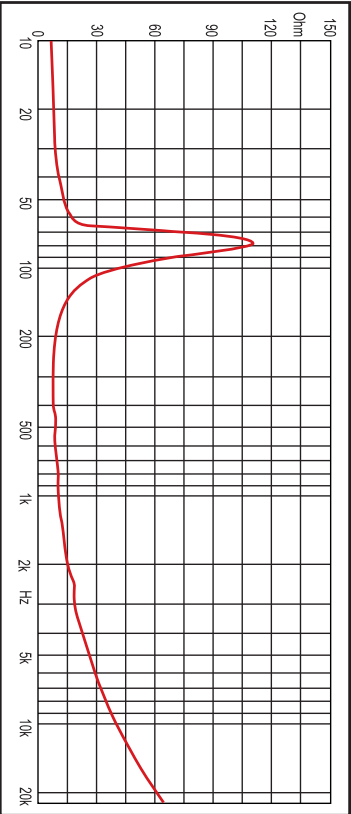
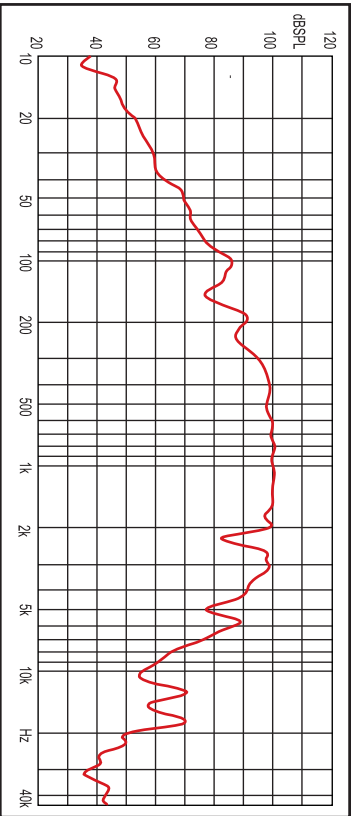


KEY FEATURES

Continuous Program Power	700w
Sensitivity 1W/1M	98 db
Voice Coil Diameter	76.2 mm

Specifications

Nominal Diameter	257 mm	Fs	77 Hz
Nominal Impedence	8 Ω	Re	6.9 Ω
Power Handling (AES)	350 w	Qes	0.36
Continuous Program Power	700 w	Qms	5.46
Sensitivity 1W/1M	98 db	Qts	0.34
Wire Material	CCAW	Vas	35 lt
Voice Coil Dia	76.2 mm	Mms	35.6 g
Voice Coil Former	Glass Fibre	Mmd	30 g
Winding Length	8.6 mm	BL	18.1 T-m
Winding Type	In /Out	Le@1KHz	0.8 mH
Top Plate Thickness	8.7 mm	EPB	21.4 Hz
Mechanical Xmax	Under Hung Design		
Baffle Cut	224 mm		
Gross Weight	8 Kg		



12 IT 500 MB

KEY FEATURES

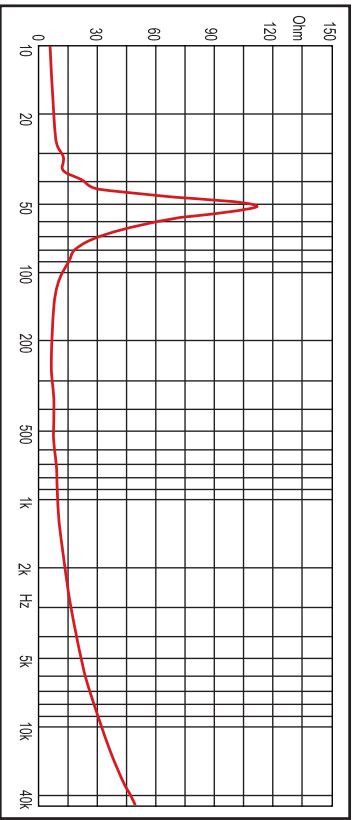
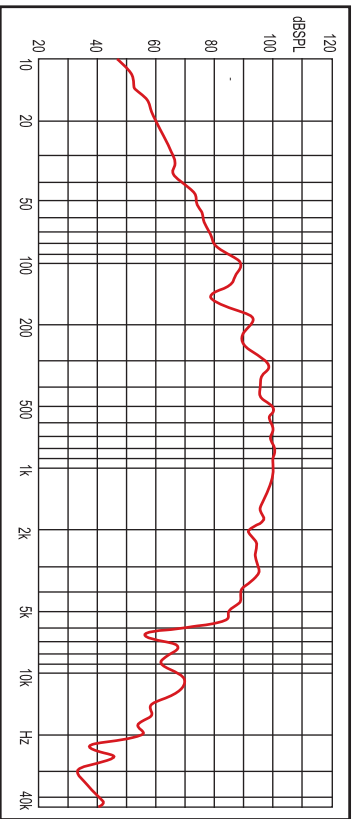
Continuous Program Power	1000w
Sensitivity 1w/1M	99 db
Voice Coil Diameter	76.2 mm

Specifications

Nominal Diameter	317 mm
Nominal Impedence	8 Ω
Power Handling (AES)	500 w
Continuous Program Power	1000 w
Sensitivity 1w/1M	99 db
Wire Material	CCAR
Voice Coil Dia	76.2 mm
Voice Coil Former	Glass fibre
Winding Length	18 mm
Winding Type	Outside
Top Plate Thickness	12 mm
Mechanical Xmax	3 mm
Baffle Cut	285 mm
Gross Weight	9.8 Kg

T/S Parameters

Fs	51 Hz
Re	5 Ω
Qes	0.28
Qms	6.00
Qts	0.27
Vas	125 lt
Mms	48.9 g
Mmd	39 g
BL	16.6 T-m
Le@1kHz	0.7 mH
EPB	182 Hz



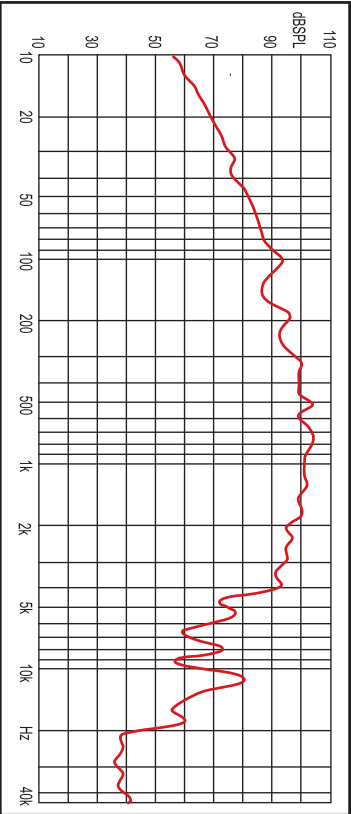
15 IT 500 MB

KEY FEATURES

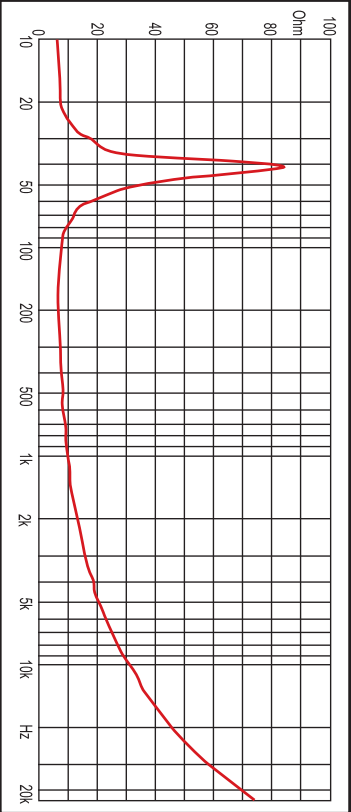
Continuous Program Power	1000w
Sensitivity 1W/1M	99 db
Voice Coil Diameter	76.2 mm

Specifications

Nominal Diameter	387 mm	T/S Parameters	Fs	40 Hz
Nominal Impedence	8 Ω		Re	5 Ω
Power Handling (AES)	500 w		Qes	0.37
Continuous Program Power	1000 w		Qms	5.9
Sensitivity 1W/1M	99 db		Qts	0.35
Wire Material	CCAR		Vas	279 lt
Voice Coil Dia	76.2 mm		Mms	91.4 g
Voice Coil Former	Glass Fibre		Mmd	71 g
Winding Length	18 mm		BL	17.6 T-m
Winding Type	Outside		Le@1kHz	0.7 mH
Top Plate Thickness	12 mm		EPB	108 Hz
Mechanical Xmax	3 mm			
Baffle Cut	354 mm			
Gross Weight	11 Kg			



Filename: 15IT500MB CH B dB SPL 1/6 Octave Unsmoothed 98Hz Data[CH]ms 0.000 Delay[CH] ms 0.000 Distortion Rise [dB] 30.00 Sweep Time [ms] 2194.47



Filename: 15IT500MB.stn CH B Ohm 1/6 Octave Unsmoothed 98Hz Data[CH]ms 0.000 Delay[CH] ms 0.000 Distortion Rise [dB] 30.00 Sweep Time [ms] 0.00

18 IT 1200 S

KEY FEATURES

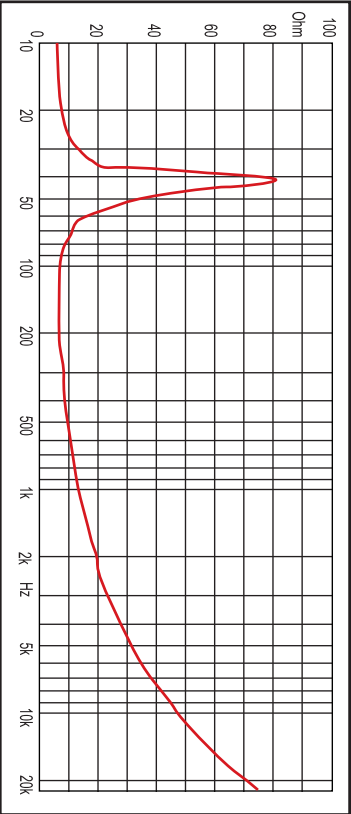
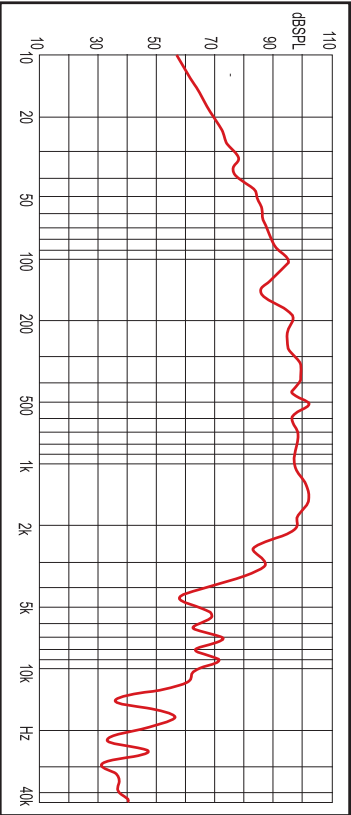
Continuous Program Power	2400w
Sensitivity 1W/1M	98 db
Voice Coil Diameter	99.3 mm

Specifications

Nominal Diameter	457 mm
Nominal Impedence	8 Ω
Power Handling (AES)	1200 w
Continuous Program Power	2400 w
Sensitivity 1W/1M	98 db
Wire Material	CCAR
Voice Coil Dia	99.3 mm
Voice Coil Former	Glass fibre
Winding Length	26.4 mm
Winding Type	Outside
Top Plate Thickness	14 mm
Mechanical Xmax	6 mm
Baffle Cut	423 mm
Gross Weight	17.8 Kg

T/S Parameters

Fs	41 Hz
Re	4.7 Ω
Qes	0.37
Qms	6
Qts	0.35
Vas	243 lt
Mms	199.5 g
Mmd	166 g
BL	25.3 T-m
Le@1kHz	1.3 mH
EPB	111 Hz



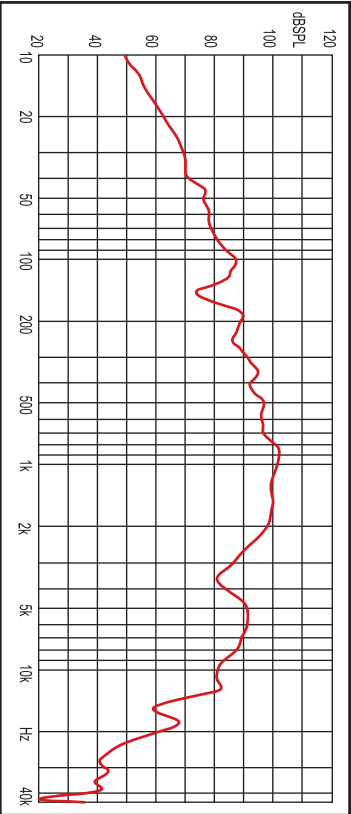
12 PT 200 FR



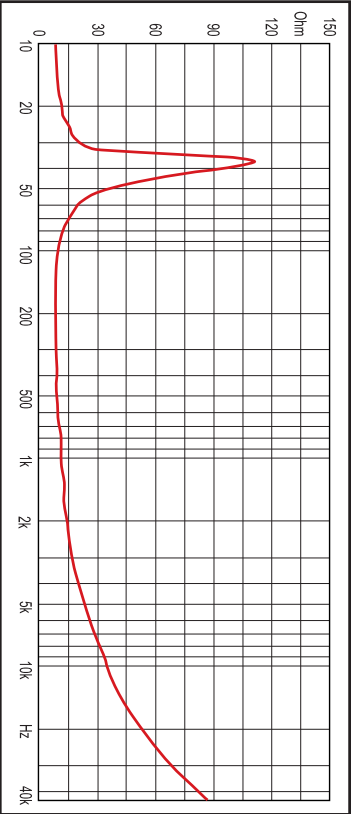
KEY FEATURES

Continuous Program Power	400w
Sensitivity 1W/1M	97 db
Voice Coil Diameter	51.2 mm

Specifications		T/S Parameters	
Nominal Diameter	320 mm	Fs	37 Hz
Nominal Impedence	8 Ω	Re	7 Ω
Power Handling (AES)	200 w	Qes	0.36
Continuous Program Power	400 w	Qms	5.4
Sensitivity 1W/1M	97 db	Qts	0.34
Wire Material	CCA W	Vas	242 lt
Voice Coil Dia	51.2 mm	Mms	47.9 g
Voice Coil Former	Kapton	Mmd	38 g
Winding Length	13.5 mm	BL	14.6 T-m
Winding Type	Outside	Le@1KHz	0.7 mH
Top Plate Thickness	7 mm	EPB	103 Hz
Mechanical Xmax	3 mm		
Baffle Cut	278 mm		
Gross Weight	5.5 Kg		



Filename: 12PT200FR.sst CH:B dB SPL 1/6 Octave Unsmoothed 98Hz Delay:CH:ms:0.000 Delay:CH:ms:0.000 Distortion Rise:db:30.00 Sweep Time:ms:7184.47



Filename: 12PT200FR.sst CH:B Ohm 1/6 Octave Unsmoothed 98Hz Delay:CH:ms:0.000 Delay:CH:ms:0.000 Distortion Rise:db:30.00 Sweep Time:ms:0.00

12 PT 200 MB

KEY FEATURES

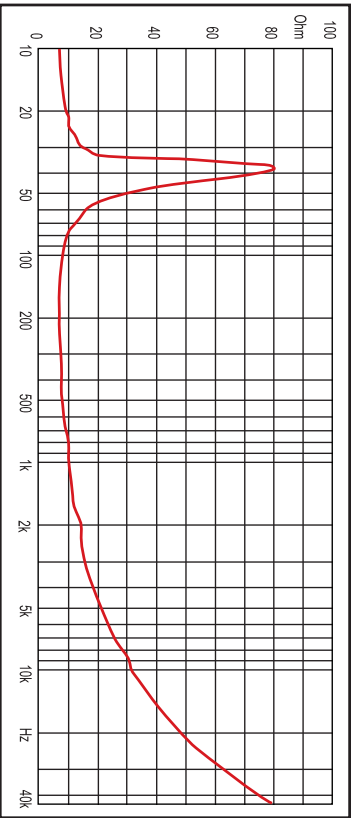
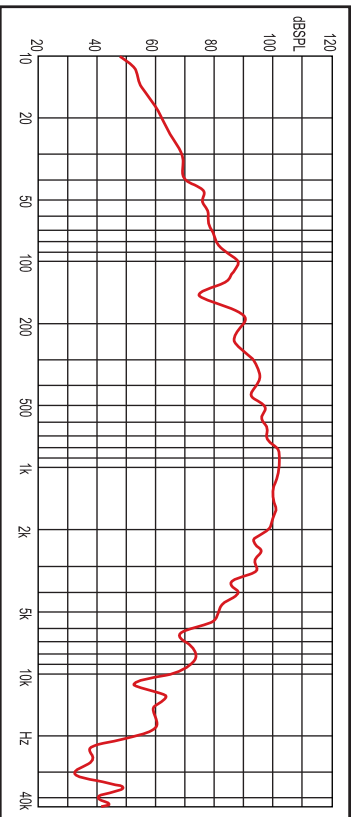
Continuous Program Power	400w
Sensitivity 1w/1M	96 db
Voice Coil Diameter	51.2 mm

Specifications

Nominal Diameter	320 mm
Nominal Impedence	8 Ω
Power Handling (AES)	200 w
Continuous Program Power	400 w
Sensitivity 1w/1M	96 db
Wire Material	CCA W
Voice Coil Dia	51.2 mm
Voice Coil Former	Kapton
Winding Length	13.5 mm
Winding Type	Outside
Top Plate Thickness	7 mm
Mechanical Xmax	3 mm
Baffle Cut	278 mm
Gross Weight	5.5 Kg

T/S Parameters

Fs	37 Hz
Re	7 Ω
Qes	0.47
Qms	4.9
Qts	0.42
Vas	233 lt
Mms	47.9 g
Mmd	38 g
BL	13 T-m
Le@1KHz	0.7 mH
EPB	79 Hz



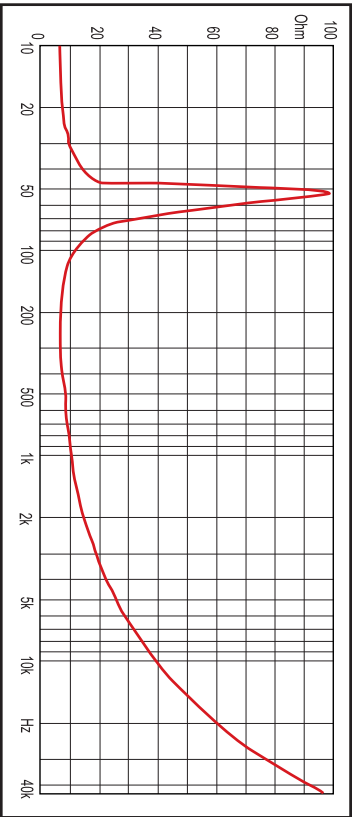
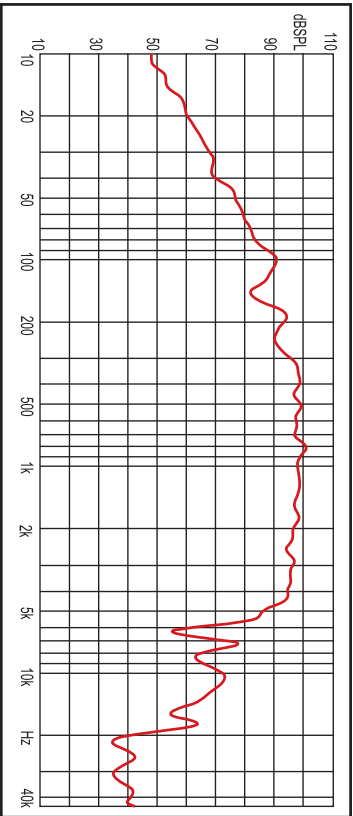
12 PT 400 LA



KEY FEATURES

Continuous Program Power	800w
Sensitivity 1W/1M	98 db
Voice Coil Diameter	76.2 mm

Specifications		T/S Parameters	
Nominal Diameter	310 mm	Fs	50 Hz
Nominal Impedence	8 Ω	Re	5.5 Ω
Power Handling (AES)	400 w	Qes	0.4
Continuous Program Power	800 w	Qms	5.4
Sensitivity 1W/1M	98 db	Qts	0.37
Wire Material	CCA W	Vas	123 lt
Voice Coil Dia	76.2 mm	Mms	52.1 g
Voice Coil Former	Glass Fibre	Mmd	42 g
Winding Length	15 mm	BL	15 T-m
Winding Type	In/Out	Le@1kHz	0.8 mH
Top Plate Thickness	9 mm	EPB	125 Hz
Mechanical Xmax	3 mm		
Baffle Cut	277 mm		
Gross Weight	8.1 Kg		



12 PT 400 VA

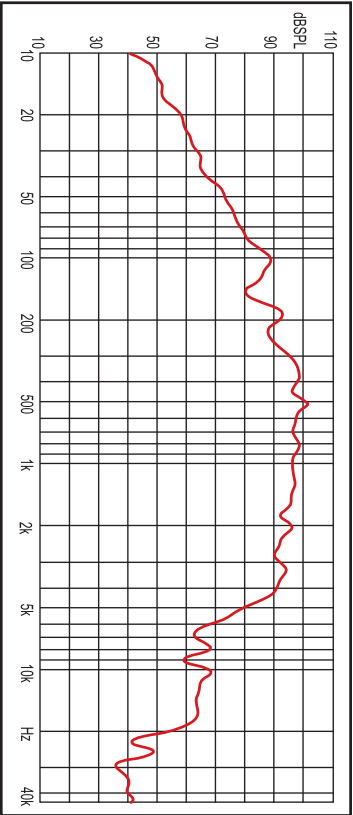
KEY FEATURES

Continuous Program Power	800w
Sensitivity 1W/1M	99 db
Voice Coil Diameter	76.2 mm

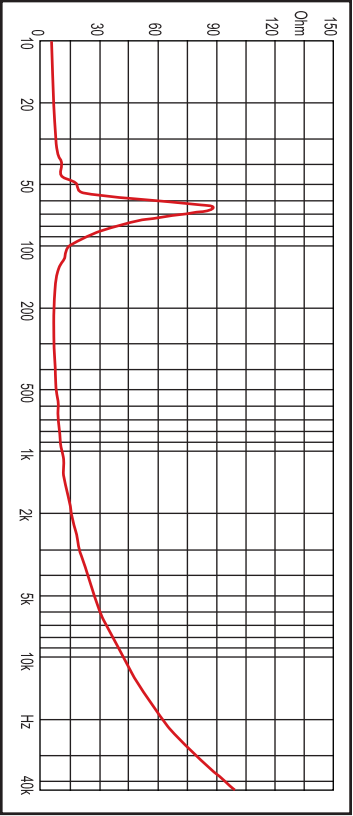
Specifications

Nominal Diameter	319 mm
Nominal Impedence	8 Ω
Power Handling (AES)	400 w
Continuous Program Power	800 w
Sensitivity 1W/1M	99 db
Wire Material	CCAW
Voice Coil Dia	76.2 mm
Voice Coil Former	Glass Fibre
Winding Length	14.9 mm
Winding Type	In/Out
Top Plate Thickness	10 mm
Mechanical Xmax	2 mm
Baffle Cut	276 mm
Gross Weight	8.1 Kg

T/S Parameters	
Fs	64 Hz
Re	5.5 Ω
Qes	0.37
Qms	5.71
Qts	0.35
Vas	75 lt
Mms	50.9 g
Mmd	41 g
BL	17.3 T-m
Le@1kHz	1.0 mH
EPB	173 Hz



Filename: 12PT400VA.sn CH B dB SPL 1/6 Octave Unsmoothed 98Hz DelayCH[ms] 0.000 DelayCH[ms] 0.000 Distortion Rise [dB] 30.00 Sweep Time [ms] 2194.47



Filename: 12PT400VA.sn CH B Ohm 1/6 Octave Unsmoothed 98Hz DelayCH[ms] 0.000 DelayCH[ms] 0.000 Distortion Rise [dB] 30.00 Sweep Time [ms] 0.00

12 PT 600 MB



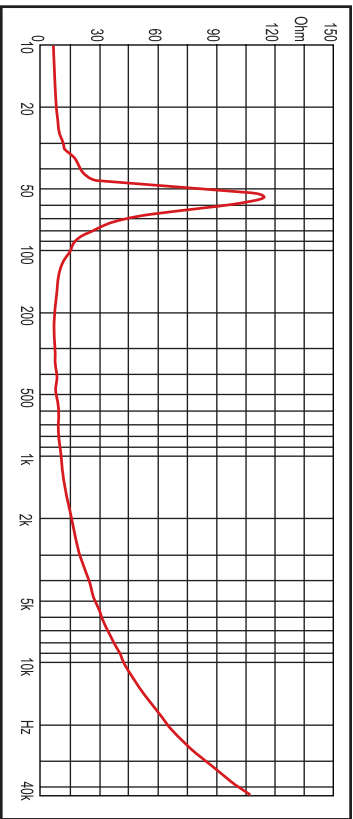
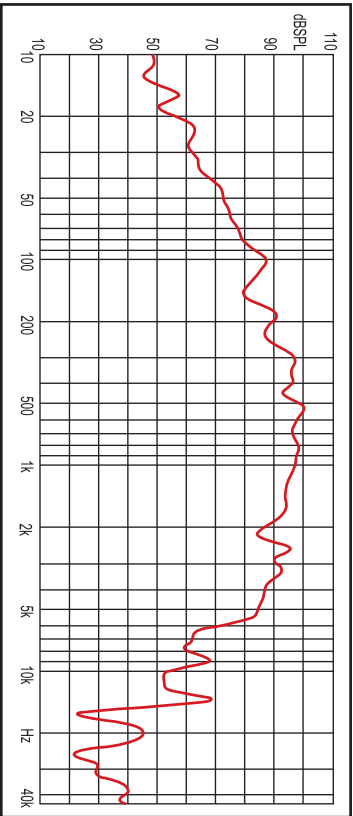
KEY FEATURES

Continuous Program Power	1200w
Sensitivity 1W/1M	98 db
Voice Coil Diameter	99.3 mm

Specifications

Nominal Diameter	313 mm	Fs	55 Hz
Nominal Impedence	8 Ω	Re	5.6 Ω
Power Handling (AES)	600 w	Qes	0.29
Continuous Program Power	1200 w	Qms	5.65
Sensitivity 1W/1M	98 db	Qts	0.27
Wire Material	CCA W	Vas	72 lt
Voice Coil Dia	99.3 mm	Mms	75.1 g
Voice Coil Former	Glass Fibre	Mmd	65 g
Winding Length	16.2 mm	BL	22.3 T-m
Winding Type	Outside	Le@1kHz	0.9 mH
Top Plate Thickness	10 mm	Gross Weight	190 Hz
Mechanical Xmax	3 mm		
Baffle Cut	277 mm		
Gross Weight	11.7 Kg		

T/S Parameters



15 PT 600 MB

KEY FEATURES

Continuous Program Power	1200w
Sensitivity 1W/1M	98 db
Voice Coil Diameter	99.3 mm

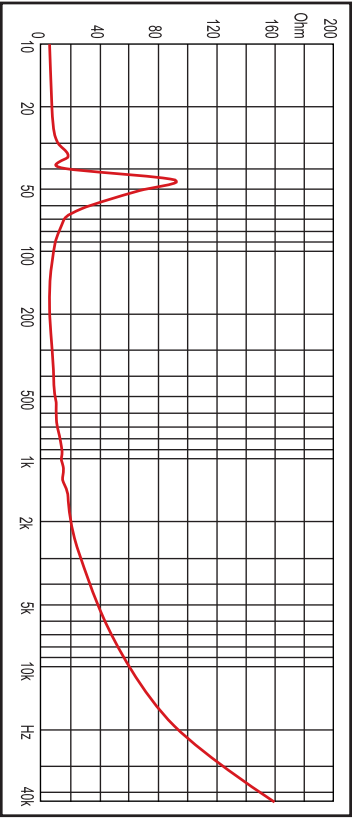
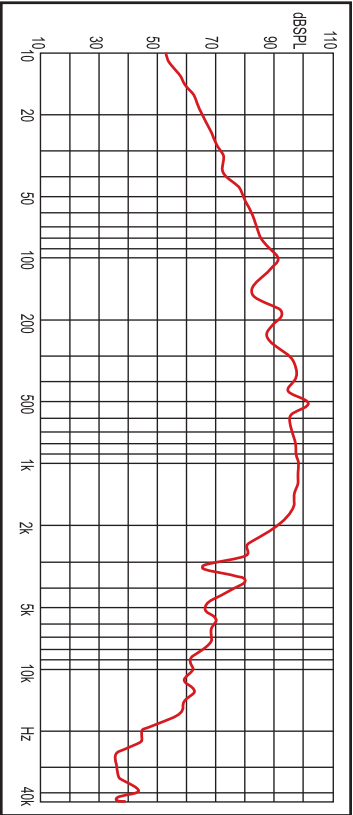


Specifications

Nominal Diameter	388 mm
Nominal Impedence	8 Ω
Power Handling (AES)	600 w
Continuous Program Power	1200 w
Sensitivity 1W/1M	98 db
Wire Material	CCAR
Voice Coil Dia	99.3 mm
Voice Coil Former	Glass Fibre
Winding Length	19.6 mm
Winding Type	Outside
Top Plate Thickness	10 mm
Mechanical Xmax	4.6 mm
Baffle Cut	353 mm
Gross Weight	13.4 Kg

T/S Parameters

Fs	46 Hz
Re	5.5 Ω
Qes	0.36
Qms	5.77
Qts	0.34
Vas	1.67 lt
Mms	120.9 g
Mmd	100 g
BL	23.1 T-m
Le@1KHz	1.5 mH
EPB	128 Hz



15 PT 1000 MB

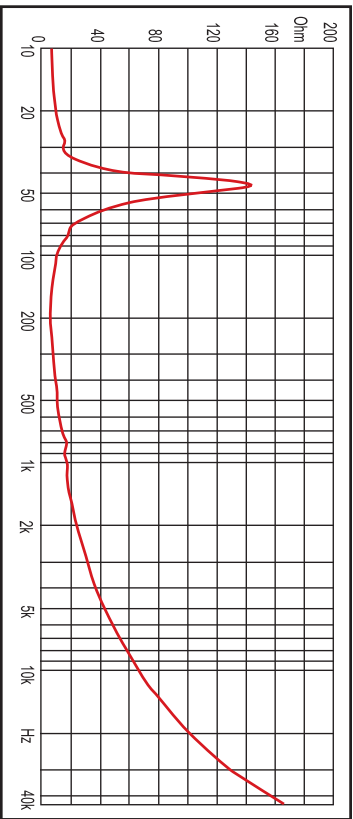
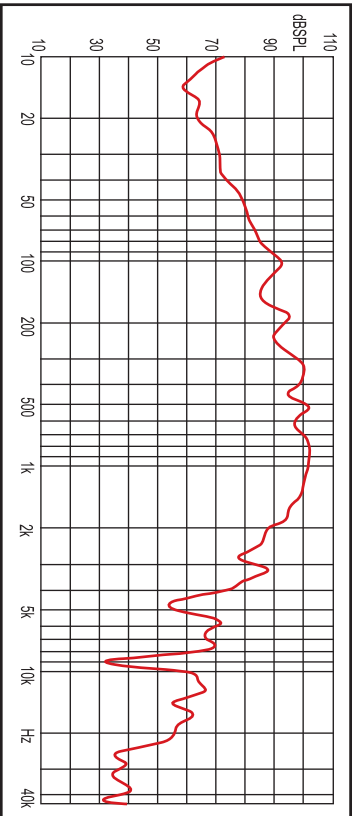


KEY FEATURES

Continuous Program Power	2000w
Sensitivity 1w/1M	100 db
Voice Coil Diameter	99.3 mm

Specifications

Nominal Diameter	388 mm	Fs	45 Hz
Nominal Impedence	8 Ω	Re	5 Ω
Power Handling (AES)	1000 w	Qes	0.23
Continuous Program Power	2000 w	Qms	6.49
Sensitivity 1w/1M	100 db	Qts	0.22
Wire Material	CCAR	Vas	165 lt
Voice Coil Dia	99.3 mm	Mms	122.4 g
Voice Coil Former	Glass Fibre	Mmd	102 g
Winding Length	19.9 mm	BL	27.3 T-m
Winding Type	Outside	Le@1kHz	1.9 mH
Top Plate Thickness	10 mm	EPB	196 Hz
Mechanical Xmax	4.7 mm		
Baffle Cut	353 mm		
Gross Weight	14.8 Kg		



18 PT 400 S

KEY FEATURES

Continuous Program Power	2000w
Sensitivity 1W/1M	97 db
Voice Coil Diameter	99.3 mm

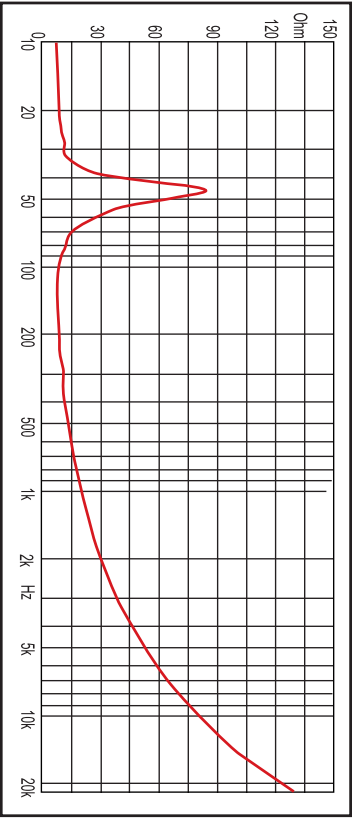
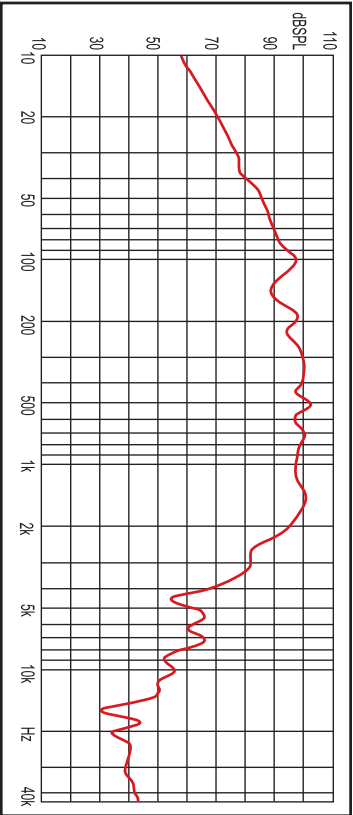


Specifications

Nominal Diameter	464 mm
Nominal Impedence	8 Ω
Power Handling (AES)	1000 w
Continuous Program Power	2000 w
Sensitivity 1W/1M	97 db
Wire Material	Copper
Voice Coil Dia	99.3 mm
Voice Coil Former	Glass Fibre
Winding Length	25.2 mm
Winding Type	In/Out
Top Plate Thickness	12 mm
Mechanical Xmax	6.6 mm
Baffle Cut	421 mm
Gross Weight	17.2 Kg

T/S Parameters

Fs	45 Hz
Re	5.8 Ω
Qes	0.46
Qms	5.52
Qts	0.42
Vas	173 lt
Mms	226.5 g
Mmd	193 g
BL	30.2 T-m
Le@1KHz	2.3 mH
EPB	98 Hz



18 PT 1000

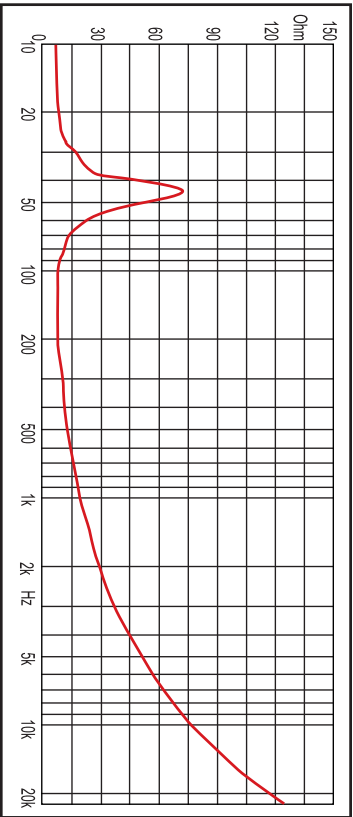
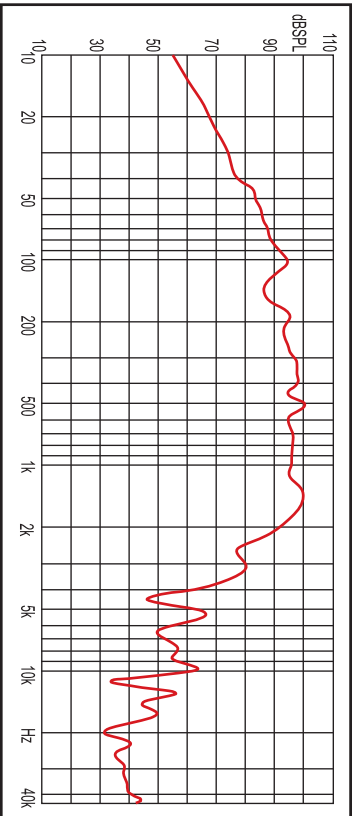


KEY FEATURES

Continuous Program Power	2000w
Sensitivity 1W/1M	97 db
Voice Coil Diameter	99.3 mm

Specifications

Nominal Diameter	461 mm	Fs	44 Hz
Nominal Impedence	8 Ω	Re	5.8 Ω
Power Handling (AES)	1000 w	Qes	0.51
Continuous Program Power	2000 w	Qms	5.19
Sensitivity 1W/1M	97 db	Qts	0.46
Wire Material	Copper	Vas	178 lt
Voice Coil Dia	99.3 mm	Mms	226.5 g
Voice Coil Former	Glass Fibre	Mmd	193 g
Winding Length	25.2 mm	BL	28.4 T-m
Winding Type	In/Out	Le@1KHz	2.2 mH
Top Plate Thickness	12 mm	EPB	86 Hz
Mechanical Xmax	6.6 mm		
Baffle Cut	422 mm		
Gross Weight	16.3 Kg		



12 PA 200

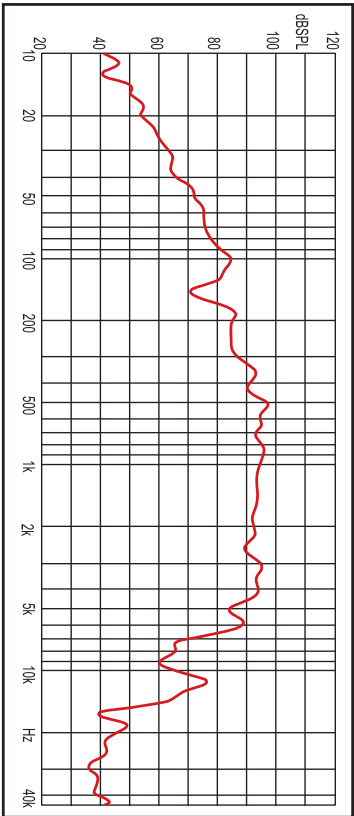
KEY FEATURES

Continuous Program Power	400w
Sensitivity 1W/1M	97 db
Voice Coil Diameter	51.2 mm

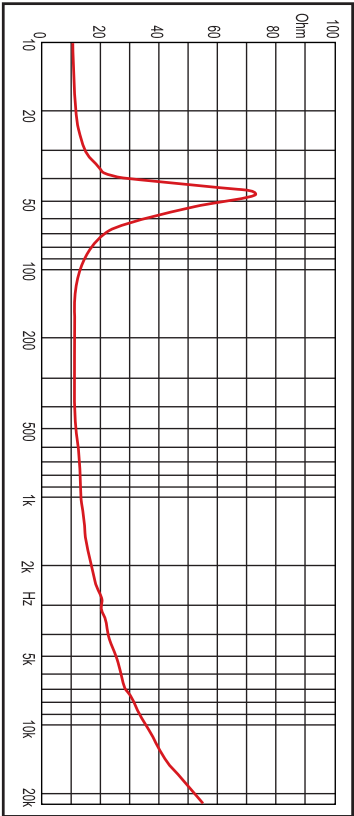
Specifications

Nominal Diameter	310 mm	Fs	46 Hz
Nominal Impedence	8 Ω	Re	7.2 Ω
Power Handling (AES)	200 w	Qes	0.46
Continuous Program Power	400 w	Qms	4.08
Sensitivity 1W/1M	97 db	Qts	0.42
Wire Material	CCA W	Vas	139 lt
Voice Coil Dia	51.2 mm	Mms	53.9 g
Voice Coil Former	Kapton	Mmd	44 g
Winding Length	13.2 mm	BL	15.8 T-m
Winding Type	Outside	Le@1KHz	0.7 mH
Top Plate Thickness	7 mm	EPB	100 Hz
Mechanical Xmax	3 mm		
Baffle Cut	277 mm		
Gross Weight	5.6 Kg		

T/S Parameters



File name: 12PA200 CH B dB SPL 1/6 Octave Unsmoothed 98Hz Delay CH [ms] 0.000 Delay CH B [ms] 0.000 Distortion Rise [dB] 30.00 Sweep Time [ms] 7184.47



File name: 12PA200.sr CH B Ohm 1/6 Octave Unsmoothed 48Hz Delay CH [ms] 0.000 Delay CH B [ms] 0.000 Distortion Rise [dB] 30.00 Sweep Time [ms] 0.00

12 PA 300

KEY FEATURES

Continuous Program Power	600w
Sensitivity 1W/1M	98 db
Voice Coil Diameter	76.2 mm

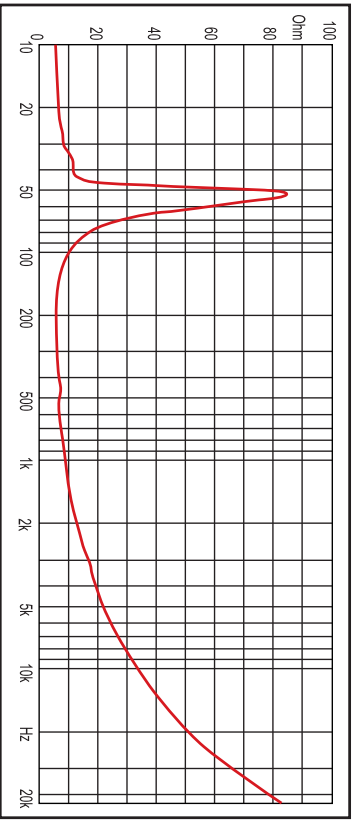
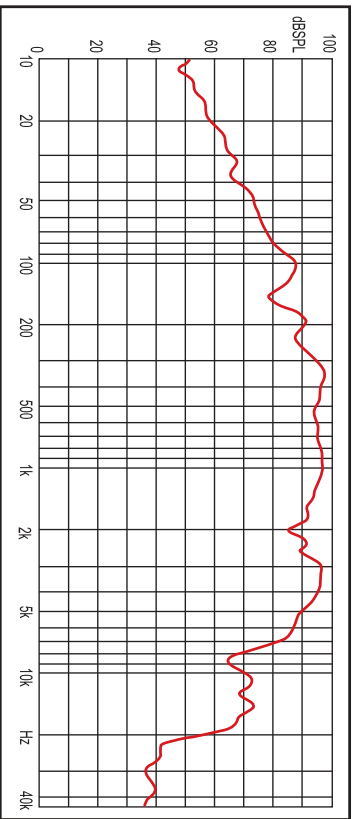


Specifications

Nominal Diameter	310 mm
Nominal Impedence	8 Ω
Power Handling (AES)	300 w
Continuous Program Power	600 w
Sensitivity 1W/1M	98 db
Wire Material	CCA W
Voice Coil Dia	76.2 mm
Voice Coil Former	Glass Fibre
Winding Length	14.9 mm
Winding Type	Outside
Top Plate Thickness	9 mm
Mechanical Xmax	3 mm
Baffle Cut	277 mm
Gross Weight	7.9 Kg

T/S Parameters

Fs	52 Hz
Re	4.8 Ω
Qes	0.33
Qms	5.55
Qts	0.31
Vas	108 lt
Mms	53.9 g
Mmd	44 g
BL	15.9 T-m
Le@1KHz	0.7 mH
EPB	158 Hz



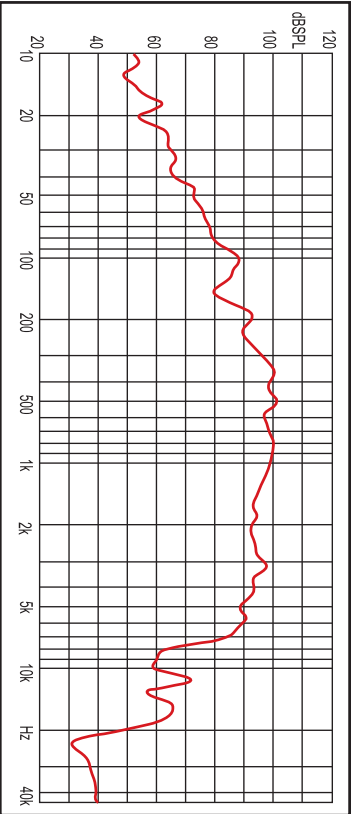
12 PA 400



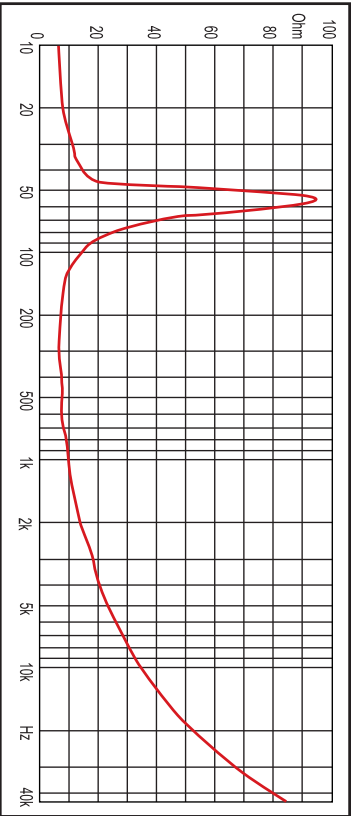
KEY FEATURES

Continuous Program Power	800w
Sensitivity 1W/1M	99 db
Voice Coil Diameter	76.2 mm

Specifications		T/S Parameters	
Nominal Diameter	310 mm	Fs	55 Hz
Nominal Impedence	8 Ω	Re	4.8 Ω
Power Handling (AES)	400 w	Qes	0.28
Continuous Program Power	800 w	Qms	5.24
Sensitivity 1W/1M	99 db	Qts	0.26
Wire Material	CCA W	Vas	98 lt
Voice Coil Dia	76.2 mm	Mms	53.9 g
Voice Coil Former	Glass Fibre	Mmd	44 g
Winding Length	14.9 mm	BL	17.8 T-m
Winding Type	Outside	Le@ 1kHz	0.7 mH
Top Plate Thickness	9 mm	EPB	196 Hz
Mechanical Xmax	3 mm		
Baffle Cut	277 mm		
Gross Weight	8.8 Kg		



Filename: 12PA400.sn CH B dB SPL 1/6 Octave Unsmoothed 90Hz DelayChA(mS) 0.000 DelayChB (mS) 0.000 Distortion Rise (dB) 30.00 Sweep Time (mS) 2184.47



Filename: 12PA400.sn CH B 0mm 1/6 Octave Unsmoothed 90Hz DelayChA(mS) 0.000 DelayChB (mS) 0.000 Distortion Rise (dB) 30.00 Sweep Time (mS) 0.00

15 PA 300 XP

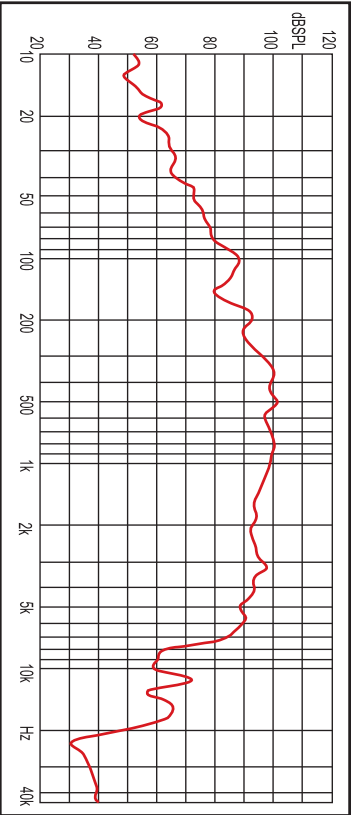
KEY FEATURES

Continuous Program Power	600w
Sensitivity 1W/1M	99 db
Voice Coil Diameter	76.2 mm

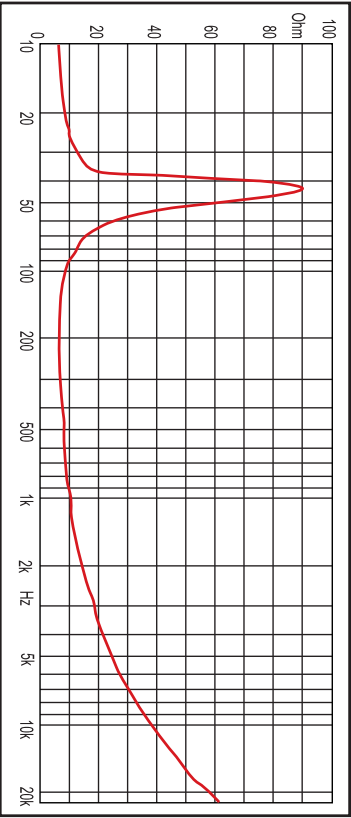
Specifications

Nominal Diameter	387 mm
Nominal Impedence	8 Ω
Power Handling (AES)	300 w
Continuous Program Power	600 w
Sensitivity 1W/1M	99 db
Wire Material	CCAW
Voice Coil Dia	76.2 mm
Voice Coil Former	Glass Fibre
Winding Length	16.4 mm
Winding Type	Outside
Top Plate Thickness	9 mm
Mechanical Xmax	4 mm
Baffle Cut	350 mm
Gross Weight	10.8 Kg

T/S Parameters	
Fs	43 Hz
Re	5.2 Ω
Qes	0.34
Qms	5.30
Qts	0.32
Vas	249 lt
Mms	90.4 g
Mmd	70 g
BL	19.7 T-m
Le@1KHz	0.9 mH
EPB	126 Hz



Filename: 15PA300XP.sn CH:B dB SPL 1/6 Octave Unsmoothed 98Hz DelayCH:msj 0.000 DelayCHB msj 0.000 Distortion Rise dBj 30.00 Sweep Time msj 2194.47



Filename: 15PA300XP.sn CH:B Ohm 1/6 Octave Unsmoothed 48Hz DelayCH:msj 0.000 DelayCHB msj 0.000 Distortion Rise dBj 30.00 Sweep Time msj 0.00

15 PA 400 C

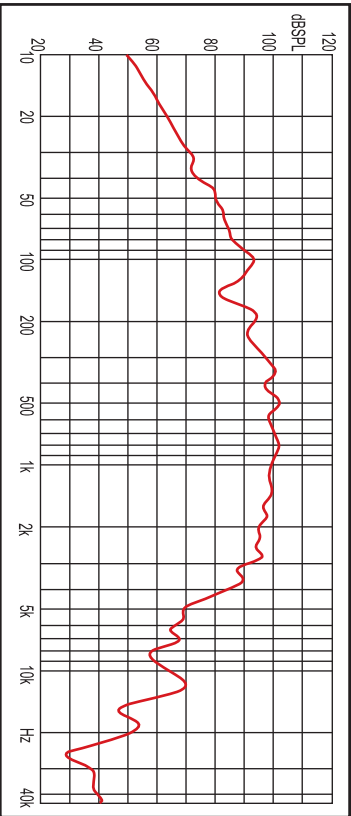
KEY FEATURES

Continuous Program Power	800w
Sensitivity 1W/1M	99 db
Voice Coil Diameter	76.2 mm

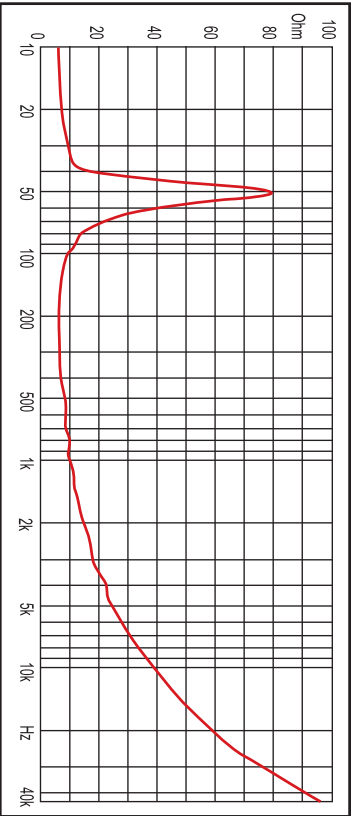
Specifications

Nominal Diameter	387 mm	Fs	50 Hz
Nominal Impedence	8 Ω	Re	5.2 Ω
Power Handling (AES)	400 w	Qes	0.38
Continuous Program Power	800 w	Qms	5.49
Sensitivity 1W/1M	99 db	Qts	0.36
Wire Material	CCAW	Vas	181 lt
Voice Coil Dia	76.2 mm	Mms	90 g
Voice Coil Former	Glass Fibre	Mmd	70 g
Winding Length	16.4 mm	BL	19.7 T-m
Winding Type	Outside	Le@1kHz	0.8 mH
Top Plate Thickness	9 mm	EPB	132 Hz
Mechanical Xmax	4 mm		
Baffle Cut	350 mm		
Gross Weight	10.8 Kg		

T/S Parameters



Filename: 15PA400C.sn CH B dB SPL 1/6 Octave Unsmoothed 90Hz DelayChA(m/s) 0.000 DelayChB (m/s) 0.000 Distortion Rise (dB) 30.00 Sweep Time (m/s) 2/184.47



Filename: 15PA400C.sn CH B 0 Ohm 1/6 Octave Unsmoothed 90Hz DelayChA(m/s) 0.000 DelayChB (m/s) 0.000 Distortion Rise (dB) 30.00 Sweep Time (m/s) 0.00



15 PA 500

KEY FEATURES

Continuous Program Power	1000w
Sensitivity 1W/1M	98 db
Voice Coil Diameter	99.3 mm

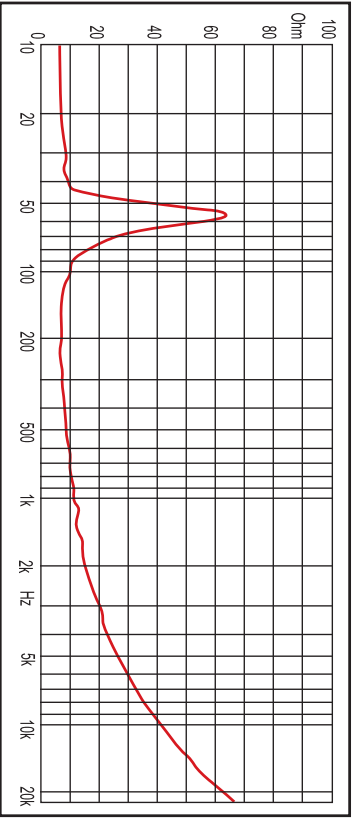
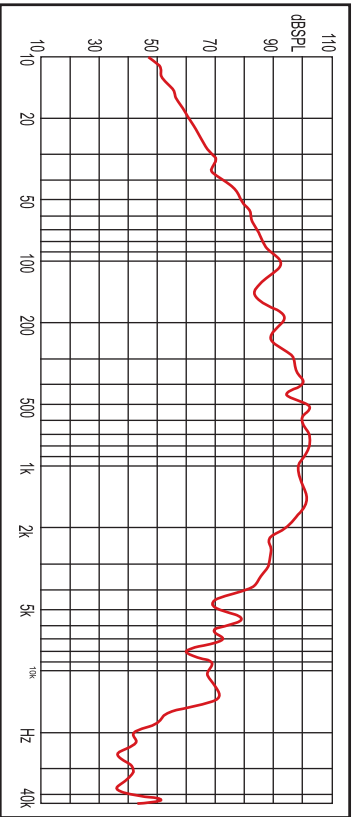


Specifications

Nominal Diameter	395 mm
Nominal Impedence	8 Ω
Power Handling (AES)	500 w
Continuous Program Power	1000 w
Sensitivity 1W/1M	98 db
Wire Material	CCAW
Voice Coil Dia	99.3 mm
Voice Coil Former	Glass Fibre
Winding Length	16 mm
Winding Type	Outside
Top Plate Thickness	10 mm
Mechanical Xmax	3 mm
Baffle Cut	351 mm
Gross Weight	14.8 Kg

T/S Parameters

Fs	56 Hz
Re	5.4 Ω
Qes	0.52
Qms	5.43
Qts	0.47
Vas	116 lt
Mms	119.2 g
Mmd	98 g
BL	21.2 T-m
Le@1KHz	1.0 mH
EPB	108 Hz



15 PA 1000



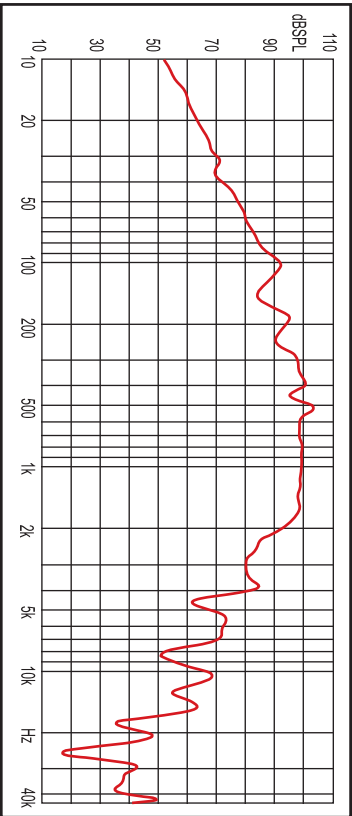
KEY FEATURES

Continuous Program Power	2000w
Sensitivity 1W/1M	99 db
Voice Coil Diameter	99.3 mm

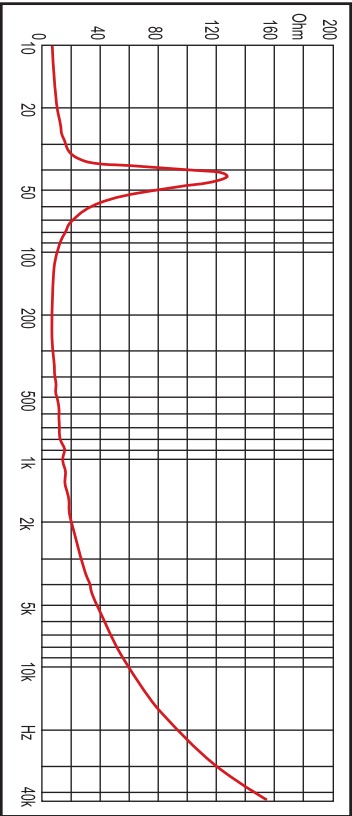
Specifications

Nominal Diameter	395 mm	Fs	42 Hz
Nominal Impedence	8 Ω	Re	5.4 Ω
Power Handling (AES)	1000 w	Qes	0.26
Continuous Program Power	2000 w	Qms	5.78
Sensitivity 1W/1M	99 db	Qts	0.25
Wire Material	CCAR	Vas	192 lt
Voice Coil Dia	99.3 mm	Mms	122.9 g
Voice Coil Former	Glass Fibre	Mmd	102 g
Winding Length	19.5 mm	BL	26.4 T-m
Winding Type	Outside	Le@1kHz	1.3 mH
Top Plate Thickness	10 mm	Gross Weight	162 Hz
Mechanical Xmax	5 mm		
Baffle Cut	351 mm		
Gross Weight	15.8 Kg		

T/S Parameters



Filename: 15PA1000.sln CH B dB SPL 1/6 Octave Unsmoothed 90Hz DelayChA(ms) 0.000 DelayChB (ms) 0.000 Distortion Rise (dB) 30.00 Sweep Time (ms) 2784.47



Filename: 15PA1000.sln CH B Ohm 1/6 Octave Unsmoothed 90Hz DelayChA(ms) 0.000 DelayChB (ms) 0.000 Distortion Rise (dB) 30.00 Sweep Time (ms) 1.00

18 PA 1000 C

KEY FEATURES

Continuous Program Power	2000w
Sensitivity 1W/1M	97 db
Voice Coil Diameter	99.3 mm

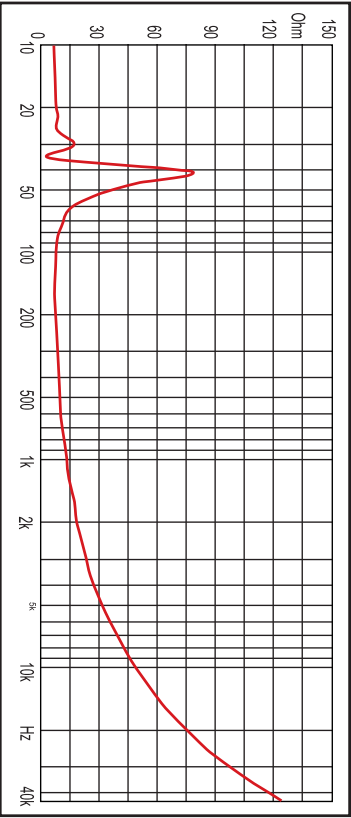
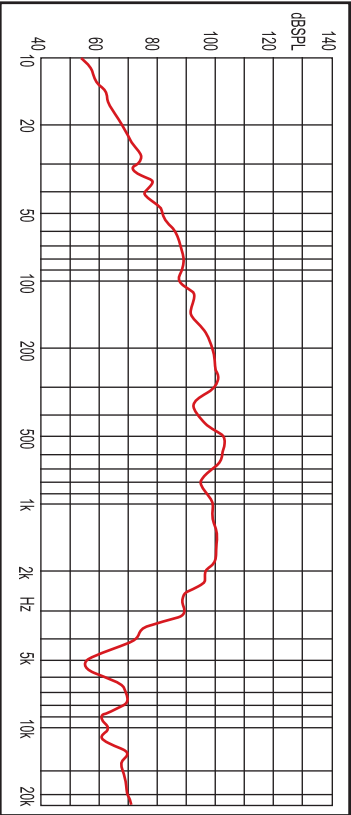


Specifications

Nominal Diameter	475 mm
Nominal Impedence	8 Ω
Power Handling (AES)	1000 w
Continuous Program Power	2000 w
Sensitivity 1W/1M	97 db
Wire Material	CCAR
Voice Coil Dia	99.3 mm
Voice Coil Former	Glass Fibre
Winding Length	26 mm
Winding Type	Outside
Top Plate Thickness	10 mm
Mechanical Xmax	8 mm
Baffle Cut	420 mm
Gross Weight	19.4 Kg

T/S Parameters

Fs	41 Hz
Re	5.8 Ω
Qes	0.45
Qms	5.73
Qts	0.42
Vas	250 lt
Mms	202.9 g
Mmd	168 g
BL	25.8 T-m
Le@1KHz	1.2 mH
EPB	91 Hz



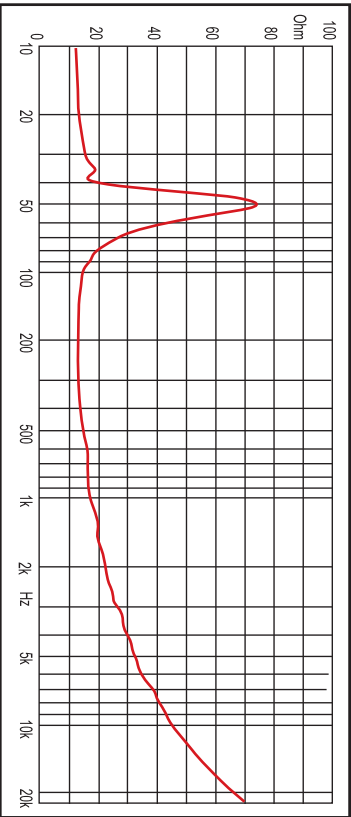
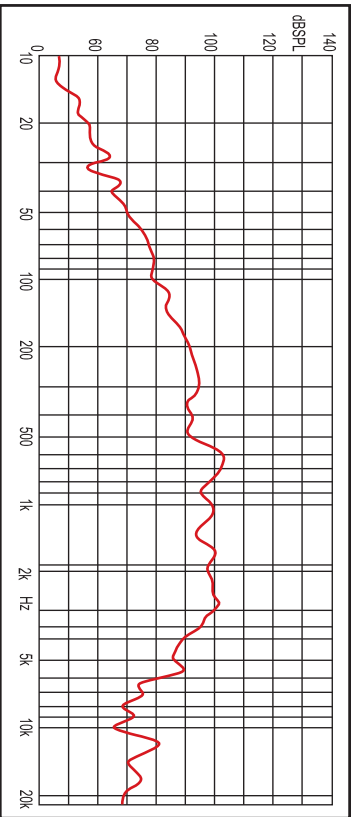
12 SBS 200



KEY FEATURES

Continuous Program Power	400w
Sensitivity 1W/1M	96 db
Voice Coil Diameter	51.2 mm

Specifications		T/S Parameters	
Nominal Diameter	310 mm	Fs	48 Hz
Nominal Impedence	16 Ω	Re	11.4 Ω
Power Handling (AES)	200 w	Qes	0.46
Continuous Program Power	400 w	Qms	4.74
Sensitivity 1W/1M	96 db	Qts	0.42
Wire Material	CCA W	Vas	120 lt
Voice Coil Dia	51.2 mm	Mms	50.1 g
Voice Coil Former	Kapton	Mmd	41 g
Winding Length	13 mm	BL	19.4 T-m
Winding Type	Outside	Le@1kHz	1 mH
Top Plate Thickness	8.5 mm	EPB	104 Hz
Mechanical Xmax	2.5 mm		
Baffle Cut	277 mm		
Gross Weight	7.57 Kg		



15 SBS 300

KEY FEATURES

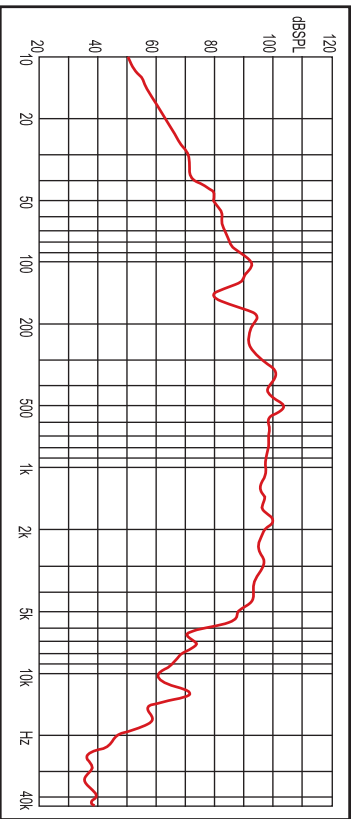
Continuous Program Power	600w
Sensitivity 1W/1M	98 db
Voice Coil Diameter	76.2 mm

Specifications

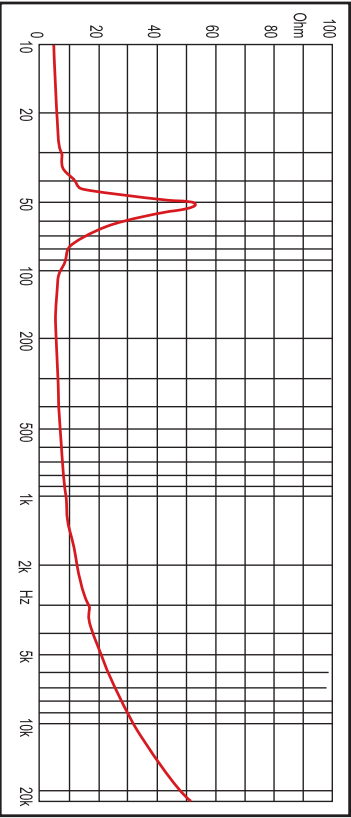
Nominal Diameter	387 mm
Nominal Impedence	8 Ω
Power Handling (AES)	300 w
Continuous Program Power	600 w
Sensitivity 1W/1M	98 db
Wire Material	CCAW
Voice Coil Dia	76.2 mm
Voice Coil Former	Glass Fibre
Winding Length	14.9 mm
Winding Type	Outside
Top Plate Thickness	8.5 mm
Mechanical Xmax	3 mm
Baffle Cut	348 mm
Gross Weight	9 Kg

T/S Parameters

Fs	51 Hz
Re	4.7 Ω
Qes	0.49
Qms	5.12
Qts	0.45
Vas	1.68 lt
Mms	89.6 g
Mmd	70 g
BL	1.6.6 T-m
Le@1KHz	0.8 mH
EPB	104 Hz



Filename: 15SBS300.sln CH B dB SPL 1/6 Octave Unsmoothed 98Hz DelayChA[ms] 0.000 DelayChB [ms] 0.000 Distortion Rise [dB] 30.00 Sweep Time [ms] 2194.47



Filename: 15SBS300.sln CH B Ohm 1/6 Octave Unsmoothed 48Hz DelayChA[ms] 0.000 DelayChB [ms] 0.000 Distortion Rise [dB] 30.00 Sweep Time [ms] 0.00

SW 4417



Compression Driver

Throat Dia	1"
Impedence	8 Ω
Power	40 w
Frequency Range	1200 Hz - 18 kHz
Sensitivity - 1w/1m	102 db
Voice Coil Dia	44.5 mm
Voice Coil Material	Edge Wound Aluminium Ribbon
Voice Coil Former	Kapton - Dupont
Magnet	Ferrite Core
Diaphragm Material	Plsiv (Polyester Sleeve Vinyl) - Malaysian

SW 4420



Compression Driver

Throat Dia	1"
Impedence	8 Ω
Power	50 w
Frequency Range	1200 Hz - 18 kHz
Sensitivity - 1w/1m	101 db
Voice Coil Dia	44.5 mm
Voice Coil Material	CCAW
Voice Coil Former	Kapton - Dupont
Magnet	Ferrite Core
Diaphragm Material	Polyester

COMPRESSION DRIVER

SW 4424



Compression Driver

Throat Dia	1"
Impedence	8 Ω
Power	60 w
Frequency Range	1200 Hz - 18 kHz
Sensitivity - 1w/1m	102 db
Voice Coil Dia	44.5 mm
Voice Coil Material	Edge Wound Aluminium Ribbon
Voice Coil Former	Kapton - Dupont
Magnet	Ferite Core
Diaphragm Material	Polyester

SW 7520



Compression Driver

Throat Dia	1.75"
Impedence	8 Ω
Power	100 w
Frequency Range	800 Hz - 18 kHz
Sensitivity - 1w/1m	108 db
Voice Coil Dia	72.2 mm
Voice Coil Material	Edge Wound Aluminium Ribbon
Voice Coil Former	Kapton - Dupont
Magnet	Ferite Core
Diaphragm Material	Titanium

COMPRESSION DRIVER

Model	Type	Application
8IT200MB	Mid-Bass	Direct Radiating. Ideal for small format Line Array system.
8IT201MID	Mid Range	Midrange Driver for three way Line Array or Point source.
10IT350MID	Mid Range	Very powerful Midrange Driver for large format three way Line Array or Point source.
12IT500MB	Mid-Bass	Low distortion Driver with exceptional mid & extended low. Ideal for Monitor and Front firing
15IT500MB	Mid-Bass	Low distortion Driver with exceptional mid & extended low. Ideal for Monitor and Front firing.
18IT1200S	Subwoofer	Low distortion Driver with extended low. Ideal for Dual and Ported bins.
12PT200FR	Full Range	Designed for use in combination as a supplement to each other in a single box.
12PT200MB	Mid-Bass	
12PT400LA	Mid-Bass	Direct or Horn loaded firing. Ideal for large format Line Arrays or Point source.
12PT400VA	Mid-Bass	Exceptional response in vocal reproduction. Ideal for Monitor.
12PT600MB	Low-Mid	Ideal for three way Point source or large format Line Array system.
15PT600MB	Mid-Bass	Extended Low with exceptional Mid.
15PT1000MB	Mid-Bass	High "SPL" Mid Bass Driver for Single /Dual top.
18PT400S	Subwoofer	Ideal for Dual Sub, W Bins & Horn loaded.

Model	Type	Application
18PT1000	Subwoofer	Ideal for Sealed or Ported Sub bins.
18PT1000 DB	Subwoofer	Ideal for Dual Sub LF7.
12PA200	Mid-Bass	Direct Radiating/Front firing.
12PA300	Mid-Bass	Direct Radiating/Front firing.
12PA400	Mid-Bass	Direct Radiating/Front firing - Single / Dual top.
15PA300XP	Mid-Bass	Direct Radiating/Front firing - Single / Dual top.
15PA400C	Mid-Bass	Direct Radiating -Monitoring, Single / Dual top.
15PA500	Mid-Bass	Direct Radiating - Single / Dual top.
15PA1000	Mid-Bass	Direct Radiating/Front firing - Single / Dual top.
18PA1000C	Subwoofer	Direct Radiating Subwoofer for Ported bins.
12SBS 200	Mid-Bass	Direct Radiating/Front firing.
15SBS300	Mid-Bass	Direct Radiating/Front firing.

A. For Latest Development and product information, please visit regularly our website. Our website is regularly updated.

B. For information about our other products which have not been included in this Catalouge, please visit our website "www.swetonspeakers.com".

NEW ARRIVALS

1. 6.5 IT 200 MID
2. 18 PT 1500 S (Voice Coil Dia 5")
3. 18 PT 2000 S (Voice Coil Dia 6")

TEST STANDARD

- 1 SWETON's specified Nominal Power Handling is measured according to the AES2-1984 standard.
- 2 Transducers are tested in free air condition in the frequency range of 10 Hz to 40 KHz by CLIO-11.
- 3 RMS Power is calculated by using the " applied voltage – averaged over the test period " and the minimum value of electrical impedance within the working range of the transducer.
- 4 Linear Xmax is measured by Mechanical excursion.
- 5 Frequency response and Impedence curve are measured in auto scaling function by CLIO-11.

- ◆ **SWETON** is the registered trade mark of Proline Inc. in India & abroad.
- ◆ Design & Specifications are subject to change without notice owing to continuous product upgradation.
- ◆ Technical specifications are subject to product tolerances.
- ◆ All rights reserved.
- ◆ Any reproduction of image or design is prohibited.
- ◆ Unintentional printing error, if any, is regretted.

sweton®

OCTUNE ELECTRONICS LLP

(LICENSE USER)

Kolkata - 700 072

☎ 98310 11477 / 70444 11300

✉ sales@swetonspeakers.com

🌐 www.swetonspeakers.com

📱 @swetonspeakers