



Visit our web page for more specifications and cabinet designs.
www.madisound.com & www.fostex.co.jp

Model	Imp. W	Fs Hz	Qts	Vas Ltrs	Power Watts	dB	Frequency Range	Xmax mm P	Box Liter Sealed/Vented	F3 Hz	Price Each
FT SERIES RIBBON TWEETER - Patented "Regulated Phase" Full surface drive diaphragm.											
FT7RP ribbon tweeter	8				80	93	3.5K-45kHz				\$83.60
FT SERIES DOME TWEETER											
FT207D dome tweeter, grill, Shielded	8				60	90	3K-40kHz				\$40.20
FT28D dome tweeter	8				40	90	2.5K-50kHz				\$57.05
FT48D dome tweeter	8				50	93	2K-30kHz				\$80.70
FT SERIES HORN TWEETER											
FT17H horn tweeter	8				30	98.5	5K-50kHz				\$35.65
FT66H ring diaphragm horn tweeter, alnico	8				70	105	3.5K-22kHz				\$131.80
FT96H horn super tweeter, alnico magnet	8				50	100	3K-33kHz				\$106.25
T SERIES HORN TWEETERS, ALNICO MAGNET											
T90A top mount, super tweeter, alnico magnet	8				50	106	7K-35kHz				\$141.65
T925A top mount, super tweeter, alnico magnet	8				50	108	6K-40kHz				\$263.60
T500A top mount, super tweeter, alnico magnet	8				50	102	5K-25kHz				\$609.80
T900A top mount, super tweeter, alnico magnet	8				60	106	5K-38kHz				\$338.30
F SERIES ALNICO MAGNET- Suitable for folded horn enclosures. Mica composite coated cones. - Discontinued - Get them while they last!											
F120A 4.5" full range, alnico magnet	8	65	0.44	9.87	30	89	Fo-20kHz	1.5	6S/12V	105/58	\$218.50
F200A 8" full range, alnico magnet	8	30	0.32	98.96	80	90	Fo-20kHz	2.0	25S/38V	67/45	\$373.70
FX SERIES - Bio-cellulose cone made from kenaf with special mica composite coating - Discontinued - Get them while they last!											
FX120 5" full range	8	70	0.45	8.21	30	89	Fo-20kHz	2.0	5.4S/11V	111/60	\$98.00
FX200 8" full range	8	38	0.45	82.3	45	92	Fo-20kHz	1.0	45S/55V	60/45	\$146.50
FE SIGMA "E" SERIES FULL RANGE DRIVERS - Suitable for folded horn enclosures.											
FE108EΣ ; 4" full range	8	77	0.30	5.7	24	90	Fo-23kHz	0.28	Horn	fs	\$85.00
FE168EΣ ; 6.5" full range	8	51	0.26	23.7	80	94.5	Fo-21kHz	1.6	Horn	fs	\$139.00
FE208EΣ ; 8" full range	8	42	0.18	60.1	120	97	Fo-14kHz	1.25	Horn	fs	\$175.00
FE- E SERIES - Suitable for folded horn enclosures, banana pulp cones.											
FE83E 3" full range	8	140	0.78	1.293	10	88	Fo-20kHz	0.4	2-4S	140-135	\$24.75
FE87E 3" full range - Shielded	8	140	0.92	1.03	10	89	Fo-30kHz	0.4	3-5S	125-120	\$27.55
FE103E 4" full range	8	80	0.35	6.89	15	89	Fo-22kHz	0.4	2.4S/3V	158/100	\$31.50
FE107E 4" full range - Shielded	8	80	0.38	5.95	15	90	Fo-22kHz	0.35	2.4S/4V	148/89	\$33.50
FE126E 4.5" full range	8	70	0.25	9.95	45	93	Fo-25kHz	0.35	1.5S/2V	200/165	\$35.50
FE127E 4.5" full range - Shielded	8	70	0.43	9.9	45	91	Fo-20kHz	0.35	6S/12V	114/62	\$36.50
FE166E 6.5" full range	8	50	0.21	45.11	65	94	Fo-22kHz	0.6	4.5S/5V	170/125	\$61.05
FE167E 6.5" full range - Shielded	8	50	0.33	30.2	65	95	Fo-22kHz	0.6	8.4S/18V	118/69	\$63.25
FE206E 8" full range	8	39	0.18	54.5	90	96	Fo-20kHz	1.5	45V	55	\$84.30
FE207E 8" full range - Shielded	8	39	0.26	56.25	90	95	Fo-20kHz	1.5	9S/17V	108/68	\$86.50
FF SERIES - Suitable for folded horn enclosures, using kenaf fiber cones.											
FF85K 3" full range, fiber cone, up/down surr.	8	122	0.47	1.07	10	88	Fo-33kHz	0.55	0.9S/2V	181/94	\$32.15
FF125K 4.5" full range, fiber cone	8	72	0.26	9.12	50	92	Fo-18kHz	0.15	1.5S/2V	195/135	\$40.00
FF165K 6.5" full range, fiber cone	8	40	0.20	48.2	70	94	Fo-17kHz	0.3	4.5S/7V	135/94	\$61.10
FF225K 8" full range, fiber cone	8	38	0.16	79.41	100	96	Fo-14kHz	0.3	Horn	fs	\$94.35
FW SERIES - Poly cones with shielded magnets.											
FW137 5.5" woofer, Paper cone - Shielded	8	55	0.5	10.2	75	87	Fo-8kHz	1.0	9S/10V	80/55	\$55.70
FW167 6.5" woofer, Paper cone - Shielded	8	40	0.36	25.22	100	89	Fo-8kHz	1.5	8S/12V	80/50	\$83.65
FW-HP SERIES - Banana pulp hyperbolic cone with up/down surround and up/down spider.											
FW168HP 6.5" woofer, hyperbolic	8	40	0.16	14.25	100	89	Fo-10kHz	0.5	7S/14V	98/47	\$230.00
FW168HP-X 6.5" woofer, hyperbolic	8	70	0.53	5.84	100	88	Fo-10kHz	2.7	20V	45	\$230.00
FW SERIES - Hybrid pulp cone woofers											
FW108N 4" woofer	8	55	0.26	4.09	50	86	Fo-10kHz	1.9	0.7S/1V	148/93	\$108.25
FW168N 6.5" woofer	8	40	0.16	14.25	100	89	Fo-9kHz	0.5	4S/5V	200/80	\$139.75
FW208N 8" woofer	8	29	0.2	43.42	100	90	Fo-5kHz	6.5	4.1S/7V	99/68	\$160.50
FW305 12" woofer	8	25	0.25	254	125	95	Fo-3.5kHz	4.8	38S/74V	70/44	\$210.65
FW405 16" woofer	8	20	0.34	595	150	96	Fo-2.5kHz	7.0	90S/140V	45/37	\$310.45
FW800N 31.5" super woofer	8	18	0.69	3201	450	96	Fo-1.5kHz	2.3	Inf. Baffle	Fo	\$2,446.00
W SERIES ALNICO MAGNET - Fine ceramics multi coated cones and double spider.											
W300AII 12" woofer	8	25	0.28	227	150	93	Fo-3kHz	6.5	42S/89V	63/38	\$662.00
W400AII 16" woofer	8	25	0.32	312.3	200	97	Fo-2.5kHz	7.0	76S/120V	56/37	\$1,345.00
ATTENUATOR											
R80B L-pad	8				100	0-40					\$21.10
R82B L-pad	8				200	0-40					\$36.75
R100T transformer type	8				100	0-21					\$170.90
Commercial Use Horn Tweeters for PA or Professional Sound Systems											
100HT 3" x 4" Horn tweeter	8	1750			100	102	5k-20kHz				\$37.60
400HT 4" x 10" Horn Tweeter	8	1300			120	108	3k-15kHz				\$87.40

Fostex

Copper Foil/Tin Foil & PPTA



The Fostex CS capacitors are made from separate layers of Copper Foil, Tin Foil and PPTA Film (poly p-phenylene terephthalamide). The CS

caps have solid copper leads. These caps are very densely wrapped, more than twice the weight of similar value capacitors. Non-inductive. 120VAC

Unit	Size mm	Price	Unit	Size mm	Price
0.33	14 Ø x 37	\$23.50	1.50	18 Ø x 62	\$32.00
0.47	16 Ø x 37	\$23.50	2.20	21 Ø x 62	\$38.50
0.68	19 Ø x 37	\$24.50	3.30	25 Ø x 62	\$48.00
1.00	20 Ø x 37	\$27.75			

Fostex

Brass Isolation Rings for the

"Sigma" Series Speakers



These beautifully crafted brass rings are designed to isolate the Sigma speaker from the cabinet. The brass rings have 8 screw holes for mounting the ring to the cabinet and 8 machined bolt holes to mount the driver to the ring. Mounting hardware is included.

Item	Price Each
P108	\$143.00
P168	\$183.00
P208	\$239.00

Fostex

Protective Grills



Metal mesh grills with plastic outer housing. Comes with mounting hardware. Please see our web site for a more detailed list of driver/grill matings. No grill for the Sigma drivers.

Unit	Description	Price Pair
K308	For 8cm square frame	\$17.80
KG810	For 10cm sq or rnd frame	\$28.90
K312	For 12cm square frame	\$24.50
KG816	For 16cm sq or rnd frame	\$48.90
KG820	For 20cm sq or rnd frame	\$65.40

Fostex

HP Sound Reflectors



The HP Sound Reflectors are designed to be used in folded horn enclosures to reduce standing wave problems. When properly placed, the HP Sound Reflectors will reduce resonance peaks in

the higher frequencies and cut down on frequency cancellations in the lower frequencies. Made from plastic.

Price per 5 pack: \$48.90

BK-16 Kit



Madisound is pleased to offer the BK-16 folded horn kit. We have chosen the **Fostex FF165K** 6.5" full range for use in the BK-16 cabinet. The **FF165K** has a **Kenaf** fiber cone, inverted foam surround and aluminum dust cap.

The **FF165K** is run full range with a frequency response out to 15kHz. The **T90A** super tweeter has been added to cover the upper frequencies. The **T90A** is a top-mount horn tweeter with an **Alnico magnet**. The tweeter is rolled off on the low end with a **Fostex Tin & Copper foil capacitor**. The system frequency response is 55Hz to 35kHz at 95dB.

The **BK-16** cabinet is made from **Baltic Birch** plywood and is sold flat, un-assembled, unsanded and unfinished. Cabinet dimensions are 9.75" W x 14.75" D x 29" T.

The Kit Includes:

- Pair of Cabinets - Flat
- Pair of FF165K - Full range
- Pair of T90A - horn tweeter
- Pair of DB-cup - Input cup
- Pair of Crossovers
- Nordost 2-Flat wire for tweeter
- Instructions

Kit Price: \$635.00 / pair
Parts without Cabinets: \$439 /pair
Cabinets only: \$98.00 each



Nagaoka Tetsuo's

Special Technique to Design the Original Speakers

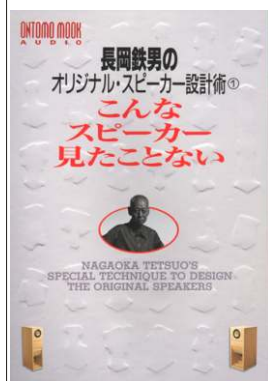
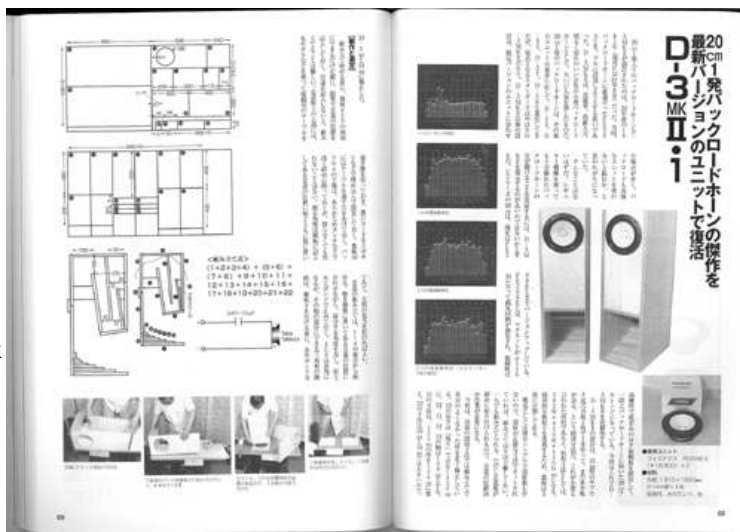
Complete 5 book set!

The Nagaoka Tetsuo book series is published in cooperation with Ontomo Mook Audio. The books are written in Japanese. They are filled with different speaker designs of all types. Even if you don't read Japanese, you can still construct the speak-

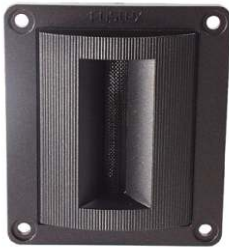
ers from the drawings and crossover schematics. Most systems are using the Fostex speakers and most are full range, not requiring a crossover.

This is a must have for any full range speaker hobbyist.

Price for the 5 book set: \$89.00 (not sold separately)

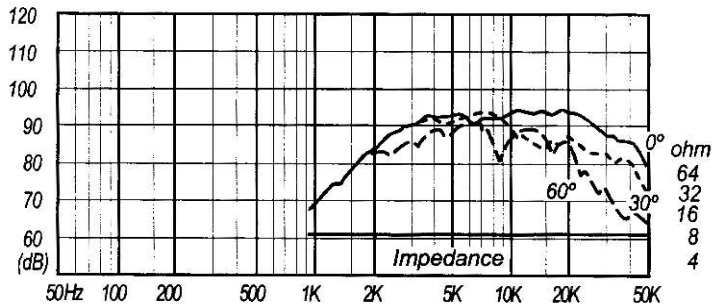


FT7RP \$83.60



Fostex

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	3000	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	93	dB
Mms	-	g	Nom. Power	80	W
Cms	-	mm/N	Net weight	155	g

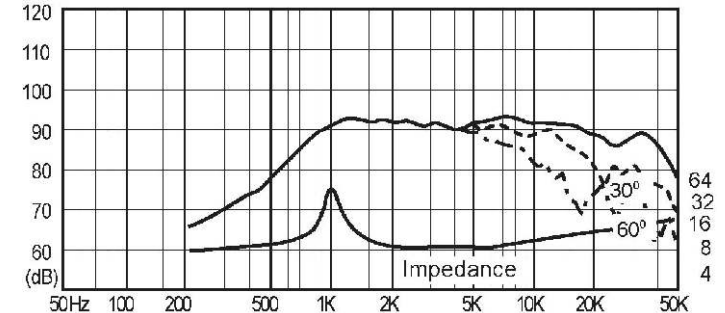


FT207D \$40.20



Fostex

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	1000	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	90	dB
Mms	-	g	Nom. Power	60	W
Cms	-	mm/N	Net weight	390	g

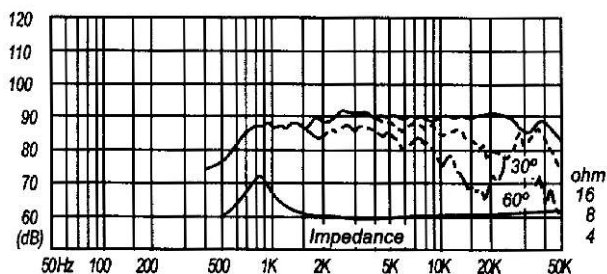


FT28D \$57.05



Fostex

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	1000	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	90	dB
Mms	-	g	Nom. Power	40	W
Cms	-	mm/N	Net weight	528	g

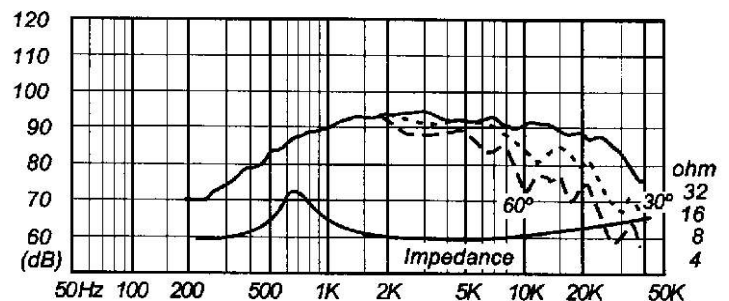


FT48D \$80.70



Fostex

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	800	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	93	dB
Mms	-	g	Nom. Power	50	W
Cms	-	mm/N	Net weight	978	g



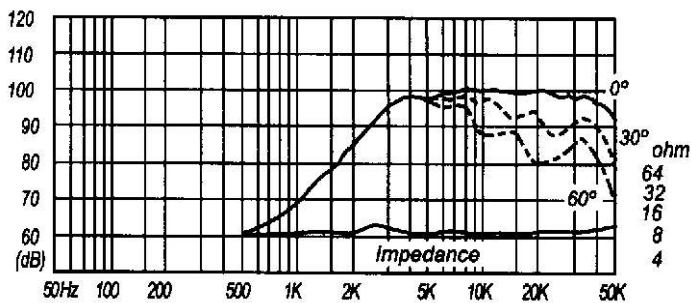
FT17H \$35.65



Fostex

- HORN TWEETER
- 8 ohm impedance
- Frequency response from 5kHz to 50kHz
- 98.5dB sensitivity at 1w/1m (3.3 ft)
- Flange 87mm
- Cut-out 63mm
- Depth 38.5mm

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	5000	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	98.5	dB
Mms	-	g	Nom. Power	30	W
Cms	-	mm/N	Net weight	340	g



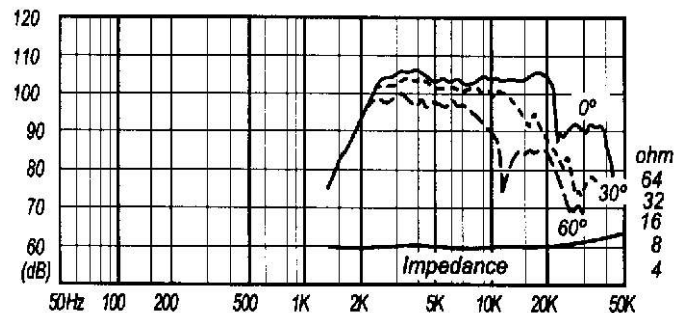
FT66H \$131.80



Fostex

- HORN SUPER TWEETER
- Ring diaphragm
- Frequency response from 2.5kHz to 22kHz
- 105dB sensitivity at 1w/1m (3.3ft)
- Flange 83mm square
- Cut-out 75 mm
- Depth 72.5mm

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	2500	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	105	dB
Mms	-	g	Nom. Power	70	W
Cms	-	mm/N	Net weight	115	g



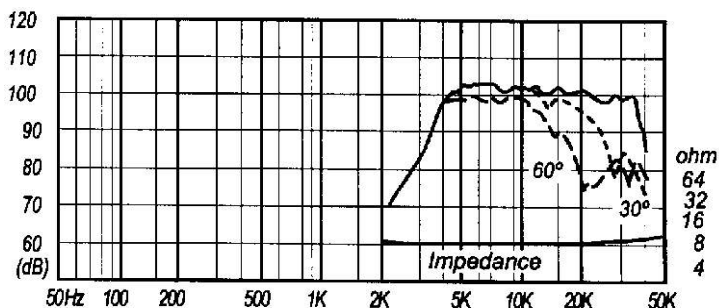
FT96H \$106.25



Fostex

- HORN SUPER TWEETER
- 8 ohm impedance
- Frequency response 4kHz to 33kHz
- 100dB sensitivity 1w/1m
- Alnico magnet
- Flange 68mm square
- Cut-out 60mm
- Depth 60mm

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	4000	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	100	dB
Mms	-	g	Nom. Power	50	W
Cms	-	mm/N	Net weight	600	g



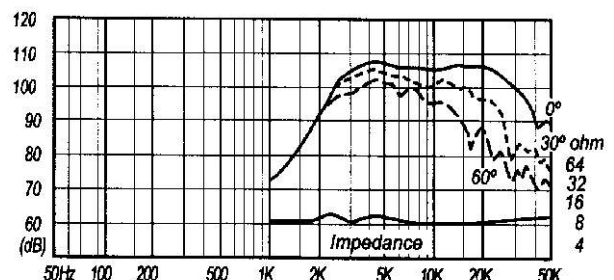
T90A \$141.65



Fostex

- HORN SUPER TWEETER
- 8 ohm impedance
- Frequency response from 5kHz to 35kHz
- 106dB sensitivity at 1w/1m (3.3ft)
- TOP MOUNT
- Flange 60 mm
- Depth 74.1/ 87.8 mm

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	5000	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	106	dB
Mms	-	g	Nom. Power	50	W
Cms	-	mm/N	Net weight	800	g

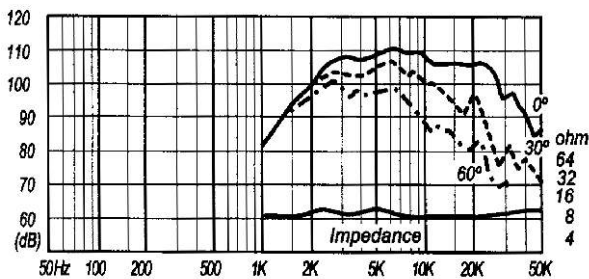


T925A \$263.60



Fostex

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	5000	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	108	dB
Mms	-	g	Nom. Power	50	W
Cms	-	mm/N	Net weight	2.0	Kg

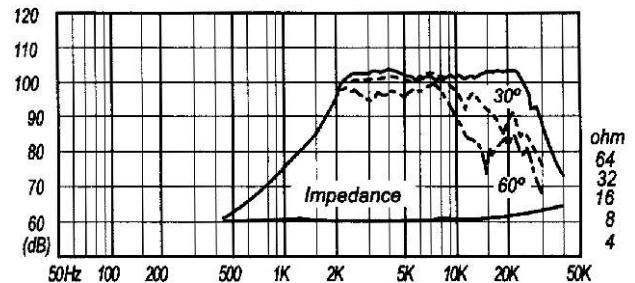


T500A \$609.80



Fostex

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	2000	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	102	dB
Mms	-	g	Nom. Power	50	W
Cms	-	mm/N	Net weight	4.7	Kg

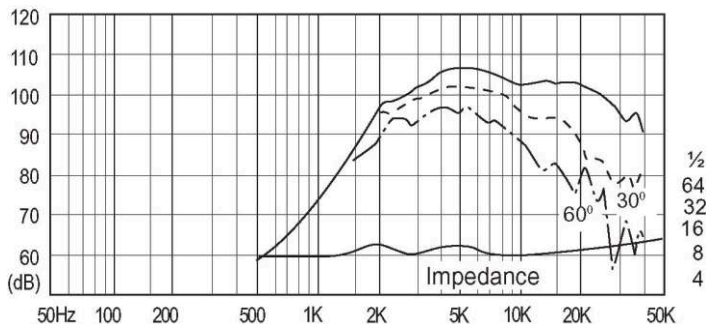


T900A \$338.30



Fostex

Znom	8	ohm	Sd	-	cm ²
Re	-	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	-	ltrs
fs	-	Hz	Xmax	-	mm peak
Qms	-		VC Ø	-	mm
Qes	-		Sensitivity		
Qts	-		1W / 1m	106	dB
Mms	-	g	Nom. Power	60	W
Cms	-	mm/N	Net weight	3.55	Kg

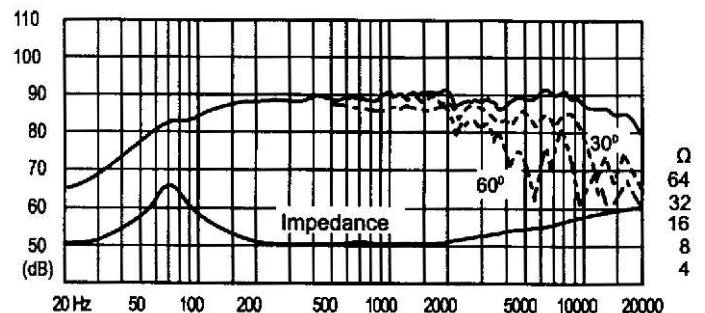


F120A \$218.50



Fostex

Znom	8	ohm	Sd	-	cm ²
Re	7	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	9.87	ltrs
fs	65	Hz	Xmax	1.5	mm peak
Qms	3.1		VC Ø	-	mm
Qes	.51		Sensitivity		
Qts	.44		1W / 1m	89	dB
Mms	4.7	g	Nom. Power	30	W
Cms	-	mm/N	Net weight	2.0	Kg



F200A \$373.80

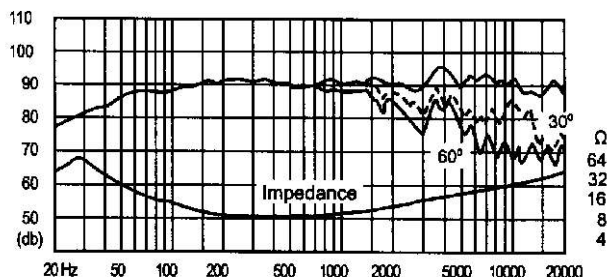


Fostex

- 8" FULL RANGE
- Alnico magnet
- 8 ohm impedance
- Frequency response from 30Hz to 20kHz
- 90 dB sensitivity
- Flange 213 X 194mm HEXAGONAL
- Cut-out 182 mm
- Depth 123.7 mm

Znom	8	ohm
Re	7.3	ohm
Le@1kHz	-	mH
fs	30	Hz
Qms	2.63	
Qes	0.36	
Qts	0.32	
Mms	18.6	g
Cms	-	mm/N

Sd	-	cm ²
BL	-	N/A
Vas	98.96	ltrs
Xmax	2.0	mm peak
VC Ø	-	mm
Sensitivity		
1W / 1m	90	dB
Nom. Power	80	W
Net weight	4.4	kg



FX120 \$98.70

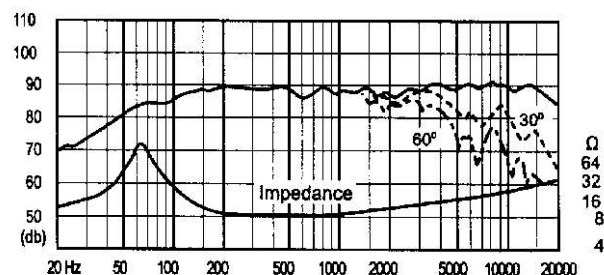


Fostex

- 5" FULL RANGE
- KENAF paper/ fiber composite cone
- 89db sensitivity
- Frequency response from 70 Hz to 20kHz
- Flange 137 x 123mm HEXAGONAL
- Cut-out 103 mm
- Depth 54.5 mm

Znom	8	ohm
Re	7.3	ohm
Le@1kHz	-	mH
fs	70	Hz
Qms	8.4	
Qes	0.47	
Qts	0.45	
Mms	5.3	g
Cms	-	mm/N

Sd	-	cm ²
BL	-	N/A
Vas	8.21	ltrs
Xmax	2.0	mm peak
VC Ø	-	mm
Sensitivity		
1W / 1m	89	dB
Nom. Power	30	W
Net weight	1.32	kg



FX200 \$146.50

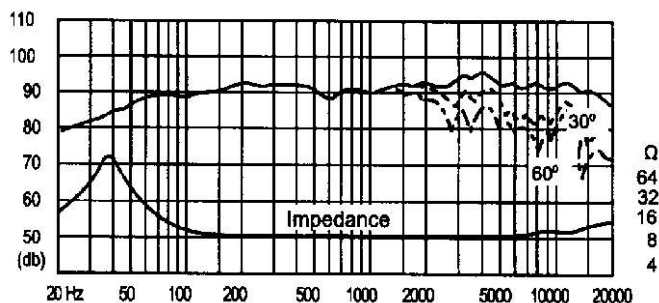


Fostex

- 8" FULL RANGE
- KENAF paper/ fiber composite cone
- 92db sensitivity
- Frequency response from 38 Hz to 20kHz
- Flange 194mm HEXAGONAL
- Cut-out 183 mm
- Depth 75.5 mm

Znom	8	ohm
Re	7.5	ohm
Le@1kHz	-	mH
fs	38	Hz
Qms	7.0	
Qes	0.48	
Qts	0.45	
Mms	15.8	g
Cms	-	mm/N

Sd	-	cm ²
BL	-	N/A
Vas	82.3	ltrs
Xmax	1.0	mm peak
VC Ø	-	mm
Sensitivity		
1W / 1m	92	dB
Nom. Power	45	W
Net weight	2.45	kg



FE108EΣ \$85.00

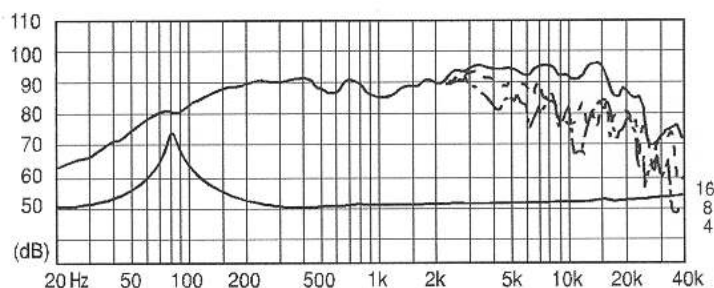


Fostex

- 4" FULL RANGE
- HP shell diaphragm
- Banana pulp cone
- UDR surround
- Frequency response from 77Hz to 23kHz
- 90dB sensitivity
- Flange 128 mm
- Cutout 98mm
- Depth 65mm

Znom	8	ohm
Re	6.8	ohm
Le@1kHz	.038	mH
fs	77	Hz
Qms	7.79	
Qes	0.32	
Qts	0.3	
Mms	2.7	g
Cms	1.59	mm/N

Sd	0.005	m ²
BL	5.2	N/A
Vas	5.7	ltrs
Xmax	0.28	mm peak
VC Ø	20	mm
Sensitivity		
1W / 1m	90	dB
Nom. Power	24	W
Net weight	1200	g

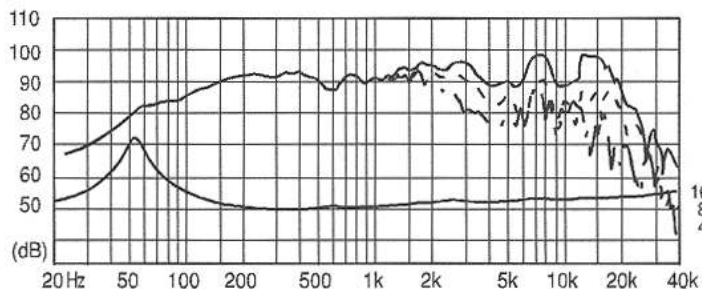


FE168EΣ \$139.00**Fostex**

- 6.5" FULL RANGE
- HP shell diaphragm
- Banana pulp cone
- UDR surround
- Frequency response from 51Hz to 21kHz
- 94.5dB sensitivity
- Flange 190 mm
- Cutout 146mm
- Depth 88mm

Znom	8	ohm
Re	6.8	ohm
Le@1kHz	.056	mH
fs	51	Hz
Qms	5.328	
Qes	0.27	
Qts	0.26	
Mms	8.7	g
Cms	1.278	mm/N

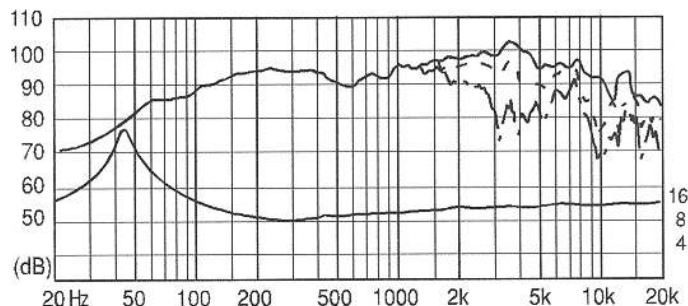
Sd	0.0113	m ²
BL	8	N/A
Vas	23.7	ltrs
Xmax	1.6	mm peak
VC Ø	30	mm
Sensitivity		
1W / 1m	94.5	dB
Nom. Power	80	W
Net weight	2600	g

**FE208EΣ \$175.00****Fostex**

- 8" FULL RANGE
- HP shell diaphragm
- Banana pulp cone
- UDR surround
- Frequency response from 42Hz to 14kHz
- 97dB sensitivity
- Flange 230 mm
- Cutout 182mm
- Depth 93.5mm

Znom	8	ohm
Re	6.4	ohm
Le@1kHz	0.051	mH
fs	42	Hz
Qms	6.19	
Qes	0.19	
Qts	0.18	
Mms	13.3	g
Cms	1.069	mm/N

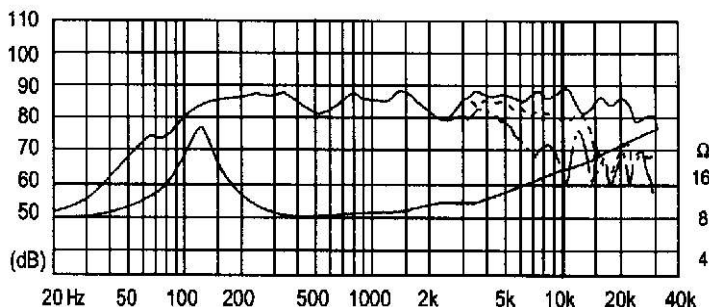
Sd	0.0201	m ²
BL	10.8	N/A
Vas	60.1	ltrs
Xmax	1.25	mm peak
VC Ø	35	mm
Sensitivity		
1W / 1m	97	dB
Nom. Power	120	W
Net weight	4800	g

**FE83E \$24.75****Fostex**

- 3" FULL RANGE
- ES banana pulp cone
- New center cap
- Frequency response from 127 Hz to 20kHz
- 88dB sensitivity
- Flange 83mm
- Cut-out 71mm
- Depth 40.2mm

Znom	8	ohm
Re	7.8	ohm
Le@1kHz	-	mH
fs	127	Hz
Qms	4.00	
Qes	0.98	
Qts	0.79	
Mms	1.39	g
Cms	0.0012	mm/N

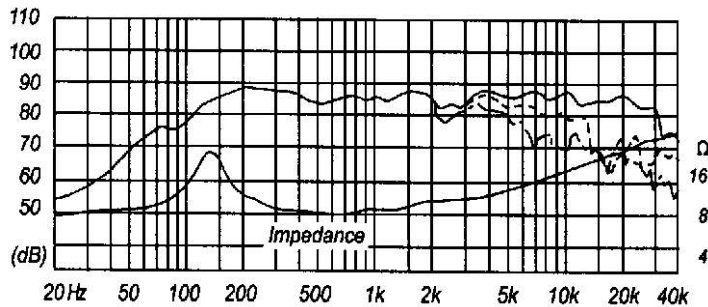
Sd	.0028	m ²
BL	2.98	N/A
Vas	1.29	ltrs
Xmax	0.4	mm peak
VC Ø	16	mm
Sensitivity		
1W / 1m	88	dB
Nom. Power	10	W
Net weight	360	g

**FE87E \$27.55****Fostex**

- 3" SHIELDED FULL RANGE
- ES banana pulp cone
- New center cap
- Frequency response from 140 Hz to 30kHz
- 89dB sensitivity
- Flange 83mm
- Cut-out 71mm
- Depth 41.2mm

Znom	8	ohm
Re	7.7	ohm
Le@1kHz	-	mH
fs	140	Hz
Qms	3.77	
Qes	1.2	
Qts	0.92	
Mms	1.4	g
Cms	0.0009	mm/N

Sd	.0028	m ²
BL	2.81	N/A
Vas	1.03	ltrs
Xmax	0.4	mm peak
VC Ø	16	mm
Sensitivity		
1W / 1m	89	dB
Nom. Power	15	W
Net weight	288	g

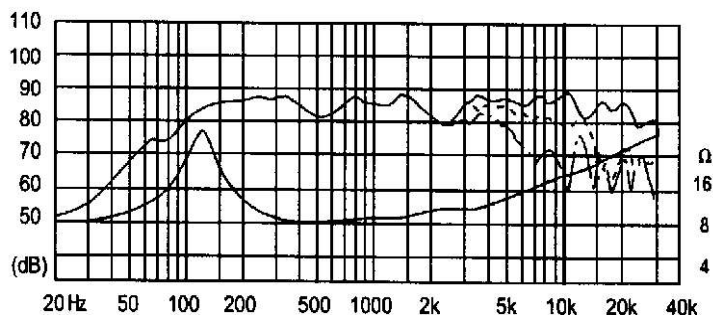


FE103E \$31.50**Fostex**

- 4" FULL RANGE
- ES banana pulp cone
- New center cap
- 8 ohm impedance
- Frequency response 79.5 Hz to 22kHz
- 89dB sensitivity
- Flange 107mm
- Cut-out 92mm
- Depth 43.6mm

Znom	8	ohm
Re	7.45	ohm
Le@1kHz	-	mH
fs	79.5	Hz
Qms	2.87	
Qes	0.40	
Qts	0.36	
Mms	2.1	g
Cms	0.0019	mm/N

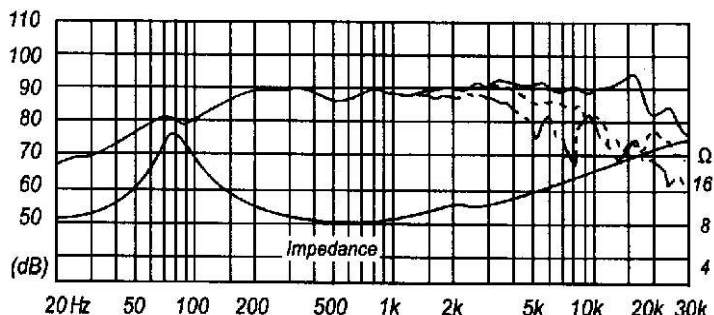
Sd	0.005	m ²
BL	4.42	N/A
Vas	6.90	ltrs
Xmax	0.35	mm peak
VC Ø	20	mm
Sensitivity		
1W / 1m	89	dB
Nom. Power	15	W
Net weight	630	g

**FE107E \$33.50****Fostex**

- 4" SHIELDED FULL RANGE
- ES banana pulp cone
- 8 ohm impedance
- 90dB sensitivity
- Frequency response to 22kHz
- Flange 107mm
- Cut-out 92mm
- Depth 54.7mm

Znom	8	ohm
Re	7.6	ohm
Le@1kHz	-	mH
fs	80	Hz
Qms	2.56	
Qes	0.45	
Qts	0.38	
Mms	2.6	g
Cms	0.0017	mm/N

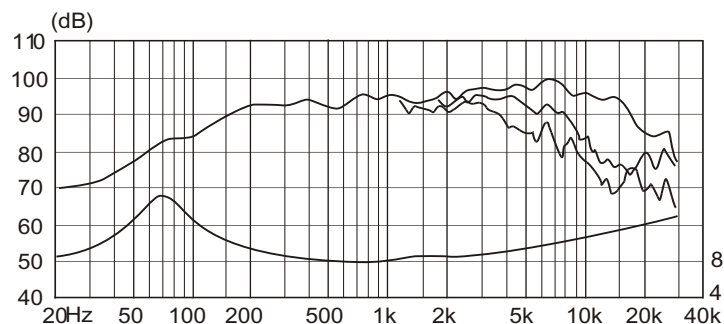
Sd	0.005	cm ²
BL	4.7	N/A
Vas	5.95	ltrs
Xmax	0.35	mm peak
VC Ø	20	mm
Sensitivity		
1W / 1m	90	dB
Nom. Power	15	W
Net weight	550	g

**FE126E \$35.50****Fostex**

- 4.5" FULL RANGE
- ES banana pulp cone
- New center cap
- 93 db sensitivity
- Frequency response from 70 Hz to 25kHz
- Flange 117mm
- Cut-out 103mm
- Depth 61mm

Znom	8	ohm
Re	6.9	ohm
Le@1kHz	0.0065	mH
fs	70	Hz
Qms	2.96	
Qes	0.27	
Qts	0.25	
Mms	2.9	g
Cms	0.0017	mm/N

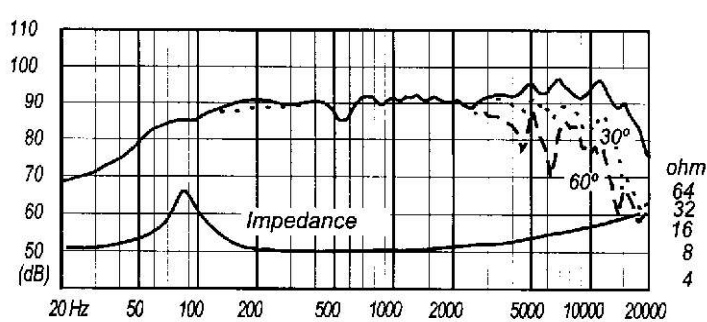
Sd	0.0065	m ²
BL	5.92	N/A
Vas	9.95	ltrs
Xmax	0.35	mm peak
VC Ø	20	mm
Sensitivity		
1W / 1m	93	dB
Nom. Power	45	W
Net weight	1010	g

**FE127E \$36.50****Fostex**

- 4.5" SHIELDED FULL RANGE
- ES banana pulp cone
- New center cap
- 91 db sensitivity
- Frequency response from 70.4 Hz to 20kHz
- Flange 117mm
- Cut-out 103mm
- Depth 64.7mm

Znom	8	ohm
Re	6.5	ohm
Le@1kHz	-	mH
fs	70.4	Hz
Qms	3.33	
Qes	0.50	
Qts	0.43	
Mms	6.85	g
Cms	0.0016	mm/N

Sd	0.0067	m ²
BL	4.14	N/A
Vas	9.9	ltrs
Xmax	0.67	mm peak
VC Ø	20	mm
Sensitivity		
1W / 1m	91	dB
Nom. Power	45	W
Net weight	574	g

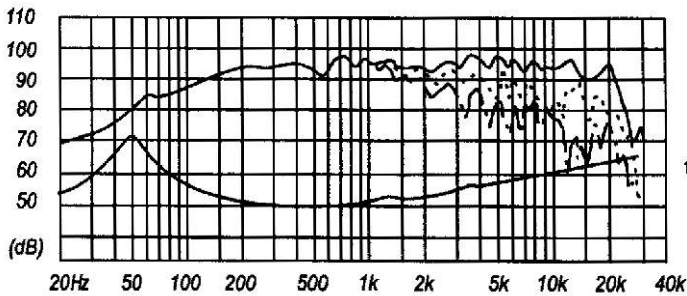


FE166E \$61.05**Fostex**

- 6" FULL RANGE
- ES banana pulp cone
- New center cap
- 8 ohm impedance
- 94 db sensitivity
- Frequency response from 50 Hz to 22kHz
- Flange 166mm
- Cut-out 144mm
- Depth 73.2mm

Znom	8	ohm
Re	7.1	ohm
Le@1kHz	-	mH
fs	50	Hz
Qms	3.89	
Qes	0.22	
Qts	0.21	
Mms	6.85	g
Cms	0.0018	mm/N

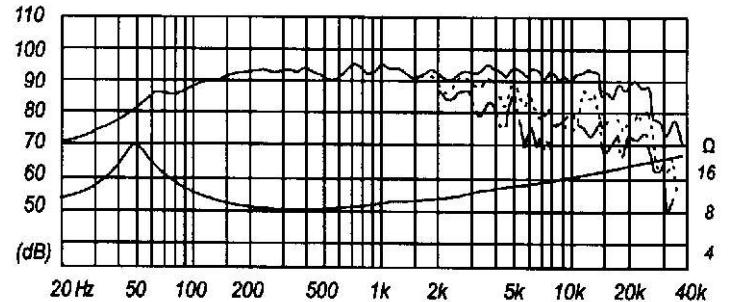
Sd	0.0132	m ²
BL	8.33	N/A
Vas	45.11	ltrs
Xmax	0.6	mm peak
VC Ø	25	mm
Sensitivity		
1W / 1m	94	dB
Nom. Power	65	W
Net weight	1600	g

**FE167E \$63.25****Fostex**

- 6" SHIELDED FULL RANGE
- ES banana pulp cone
- New center cap
- 8 ohm impedance
- Frequency response from 51.5 Hz to 22 kHz
- Flange 166 mm
- Cut-out 144 mm
- Depth 85 mm

Znom	8	ohm
Re	7.1	ohm
Le@1kHz	-	mH
fs	51.5	Hz
Qms	4.63	
Qes	0.33	
Qts	0.31	
Mms	6.68	g
Cms	0.0015	mm/N

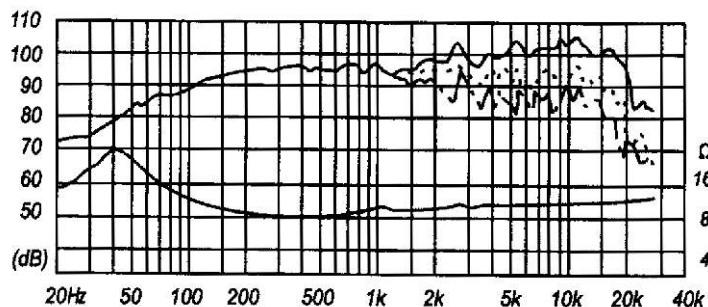
Sd	0.0132	m ²
BL	6.82	N/A
Vas	35.94	ltrs
Xmax	0.6	mm peak
VC Ø	25	mm
Sensitivity		
1W / 1m	94	dB
Nom. Power	65	W
Net weight	1320	g

**FE206E \$84.30****Fostex**

- 8" FULL RANGE
- ES banana pulp cone
- New center cap
- Large 110mm magnet
- Frequency response from 39 Hz to 20kHz
- Flange 208 mm
- Cut-out 182 mm
- Depth 87.5 mm

Znom	8	ohm
Re	6.69	ohm
Le@1kHz	-	mH
fs	39	Hz
Qms	3.73	
Qes	0.18	
Qts	0.18	
Mms	15.35	g
Cms	0.0009	mm/N

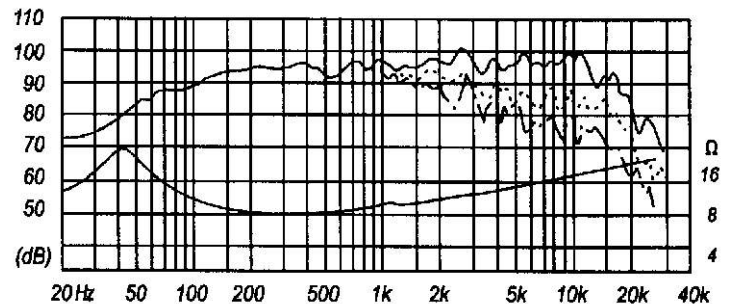
Sd	0.0206	m ²
BL	11.8	N/A
Vas	54.53	ltrs
Xmax	1.5	mm peak
VC Ø	35	mm
Sensitivity		
1W / 1m	96	dB
Nom. Power	90	W
Net weight	3350	g

**FE207E \$86.50****Fostex**

- 8" SHIELDED FULL RANGE
- ES banana pulp cone
- New center cap
- 8 ohm impedance
- Frequency response from 39kHz to 20kHz
- Flange 208 mm
- Cut-out 182 mm
- Depth 104 mm

Znom	8	ohm
Re	6.73	ohm
Le@1kHz	-	mH
fs	39	Hz
Qms	3.86	
Qes	.28	
Qts	.26	
Mms	15.02	g
Cms	0.0009	mm/N

Sd	0.0206	m ²
BL	9.41	N/A
Vas	56.25	ltrs
Xmax	1.5	mm peak
VC Ø	35	mm
Sensitivity		
1W / 1m	95	dB
Nom. Power	90	W
Net weight	2650	g



FF85K \$32.15

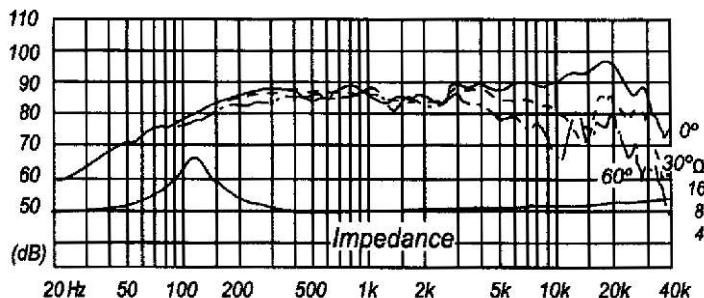


Fostex

- 3" FULL RANGE
- KENAF paper/ fiber composite cone
- UDR surround
- Aluminum center cap
- Frequency response from 122 Hz to 32 kHz
- Flange 83 mm
- Cut-out 71 mm
- Depth 49 mm

Znom	8	ohm
Re	7.08	ohm
Le@1kHz	-	mH
fs	122	Hz
Qms	5.54	
Qes	0.52	
Qts	0.47	
Mms	1.8	g
Cms	0.001	mm/N

Sd	0.0028	m ²
BL	4.33	N/A
Vas	1.07	ltrs
Xmax	0.55	mm peak
VC Ø	20	mm
Sensitivity		
1W / 1m	88	dB
Nom. Power	10	W
Net weight	565	g



FF125K \$40.00

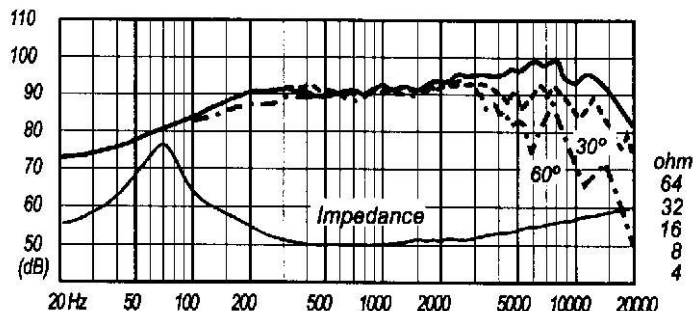


Fostex

- 4.5" FULL RANGE
- KENAF paper/ fiber composite cone
- 92db sensitivity
- Frequency response from 72 Hz to 18 kHz
- Flange 117 mm
- Cut-out 103 mm
- Depth 60.1 mm

Znom	8	ohm
Re	7.2	ohm
Le@1kHz	-	mH
fs	72	Hz
Qms	9.04	
Qes	0.27	
Qts	0.26	
Mms	4.0	g
Cms	-	mm/N

Sd	-	cm ²
BL	-	N/A
Vas	9.12	ltrs
Xmax	0.15	mm peak
VC Ø	-	mm
Sensitivity		
1W / 1m	92	dB
Nom. Power	50	W
Net weight	930	g



FF165K \$61.10

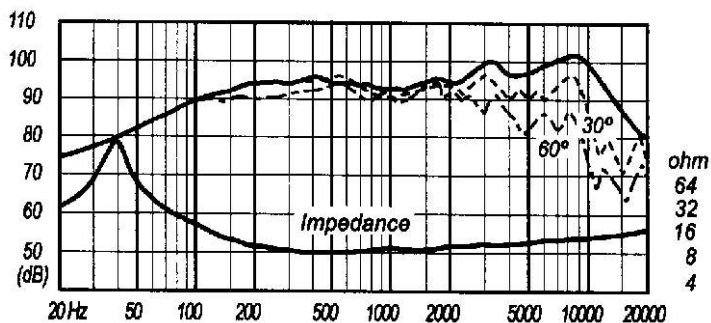


Fostex

- 6.5" FULL RANGE
- KENAF paper/ fiber composite cone
- Foam surround
- 94db sensitivity
- Frequency response from 40 Hz to 17 kHz
- Flange 166 mm
- Cut-out 144 mm
- Depth 73.7 mm

Znom	8	ohm
Re	7.4	ohm
Le@1kHz	-	mH
fs	40	Hz
Qms	10.92	
Qes	0.21	
Qts	0.20	
Mms	7.8	g
Cms	-	mm/N

Sd	-	cm ²
BL	-	N/A
Vas	48.2	ltrs
Xmax	0.3	mm peak
VC Ø	-	mm
Sensitivity		
1W / 1m	94	dB
Nom. Power	70	W
Net weight	1.6	kg



FF225K \$94.35

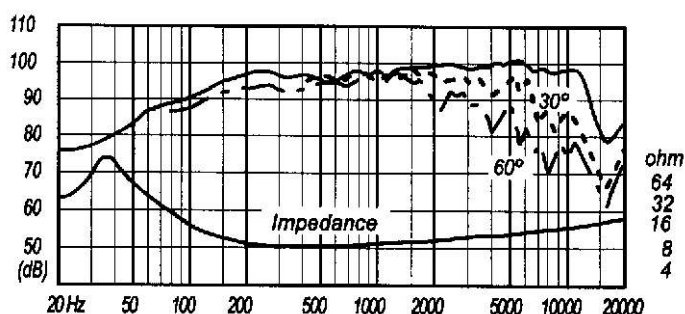


Fostex

- 8" FULL RANGE
- KENAF paper/ fiber composite cone
- Foam surround
- 96 db sensitivity
- Frequency response from 38 Hz to 14 kHz
- Flange 208 mm
- Cut-out 182 mm
- Depth 93 mm

Znom	8	ohm
Re	6.3	ohm
Le@1kHz	-	mH
fs	38	Hz
Qms	3.06	
Qes	0.17	
Qts	0.16	
Mms	17.3	g
Cms	-	mm/N

Sd	-	cm ²
BL	-	N/A
Vas	79.41	ltrs
Xmax	0.3	mm peak
VC Ø	-	mm
Sensitivity		
1W / 1m	96	dB
Nom. Power	100	W
Net weight	3.72	kg



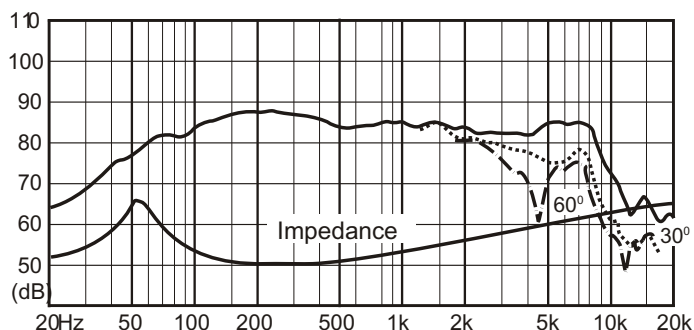
FW137 \$55.70



Fostex

- 5.5" SHIELDED WOOFER
- Kenaf-Cellgaia Paper Cone
- 87 db sensitivity
- Frequency response from 55 Hz to 8 kHz
- Flange 155 mm
- Cut-out 121 mm
- Depth 77 mm

Znom	8	ohm	Sd	0.0095	m ²
Re	7.4	ohm	BL	7.06	N/A
Le@1kHz	0.07	mH	Vas	10.2	ltrs
fs	55	Hz	Xmax	1	mm peak
Qms	3.58		VC Ø	30.4	mm
Qes	0.57		Sensitivity		
Qts	0.50		1W / 1m	87	dB
Mms	11.7	g	Nom. Power	75	W
Cms	0.0008	mm/N	Net weight	1.49	kg



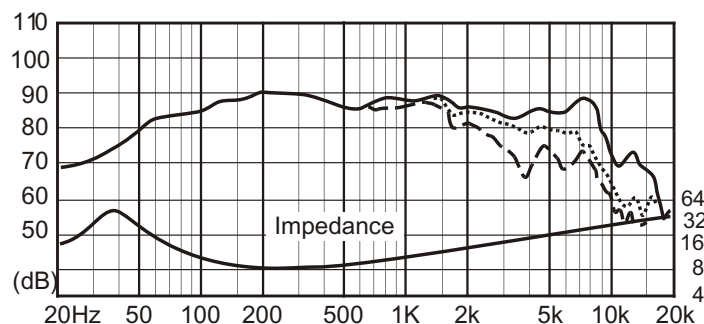
FW167 \$83.65



Fostex

- 6.5" SHIELDED WOOFER
- Kenaf-Cellgaia Paper cone
- 89 db sensitivity
- Frequency response from 40 Hz to 6 kHz
- Flange 186 mm
- Cut-out 143 mm
- Depth 96.2 mm

Znom	8	ohm	Sd	0.0128	cm ²
Re	7.1	ohm	BL	8.2	N/A
Le@1kHz	.071	mH	Vas	25.22	ltrs
fs	40	Hz	Xmax	1.5	mm peak
Qms	2.6		VC Ø	35.5	mm
Qes	0.40		Sensitivity		
Qts	0.36		1W / 1m	89	dB
Mms	14.9	g	Nom. Power	100	W
Cms	0.0011	mm/N	Net weight	2.66	kg



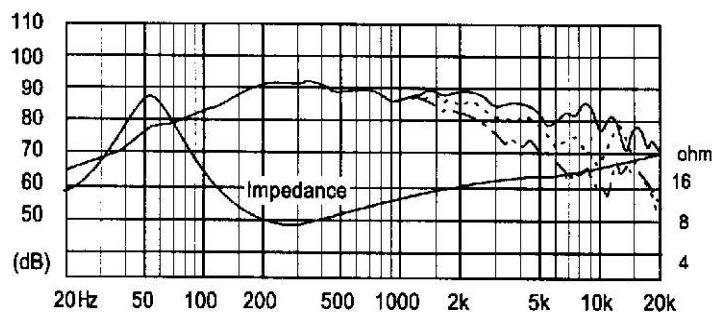
FW168HP \$230.00



Fostex

- 7" HP CONE FULL RANGE
- ES banana pulp cone
- UDR surround
- Frequency response from 55kHz to 10kHz
- Flange 190 mm
- Cut-out 146 mm
- Depth 96 mm

Znom	8	ohm	Sd	0.011	cm ²
Re	5.8	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	9.87	ltrs
fs	55	Hz	Xmax	1.0	mm peak
Qms	2.86		VC Ø	35	mm
Qes	0.23		Sensitivity		
Qts	0.22		1W / 1m	90	dB
Mms	19.5	g	Nom. Power	100	W
Cms	-	mm/N	Net weight	3.5	kg



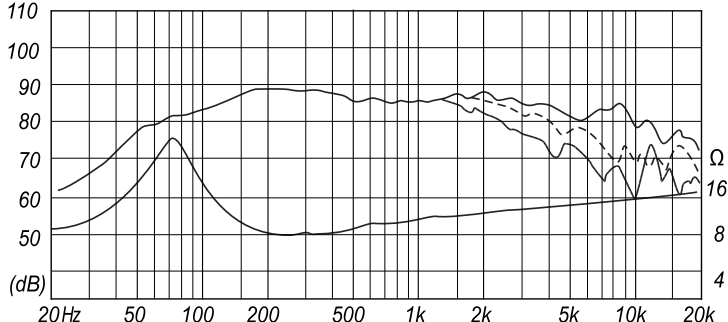
FW168HP-X \$230.00



Fostex

- 7" HP CONE FULL RANGE
- ES banana pulp cone
- UDR surround
- Frequency response from 70kHz to 10kHz
- Flange 190 mm
- Cut-out 146 mm
- Depth 96 mm

Znom	8	ohm	Sd	0.011	cm ²
Re	7.1	ohm	BL	8.54	N/A
Le@1kHz	0.05	mH	Vas	5.84	ltrs
fs	70	Hz	Xmax	2.7	mm peak
Qms	3.09		VC Ø	35	mm
Qes	0.65		Sensitivity		
Qts	0.53		1W / 1m	88	dB
Mms	15.2	g	Nom. Power	100	W
Cms	0.00034	mm/N	Net weight	3.55	kg



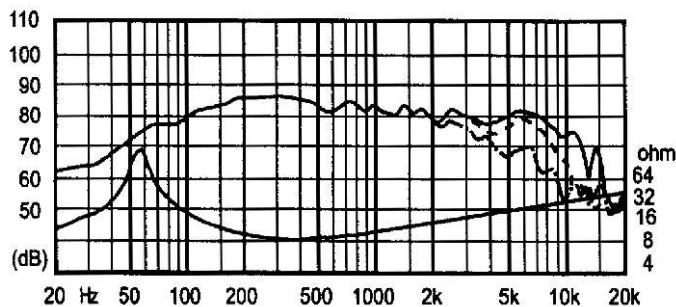
FW108N \$108.25



- 4" FULL RANGE
- Hybrid pulp cone
- 8 ohm impedance
- 86 db sensitivity
- Frequency response from 55 Hz to 10 kHz
- Flange 128 mm
- Cut-out 100 mm
- Depth 72 mm

Fostex

Znom	8	ohm	Sd	-	cm ²
Re	6.3	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	4.09	ltrs
fs	55	Hz	Xmax	1.9	mm peak
Qms	8.8		VC Ø	-	mm
Qes	0.27		Sensitivity		
Qts	0.26		1W / 1m	86	dB
Mms	6.9	g	Nom. Power	50	W
Cms	-	mm/N	Net weight	1.69	kg



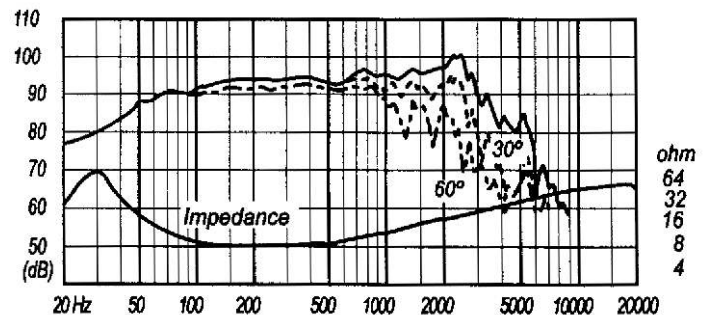
FW305 \$210.65



- 12" WOOFER
- Hybrid pulp cone
- 8 ohm impedance
- 95db sensitivity
- Frequency response from 25 Hz to 3.5 kHz
- Flange 312 mm
- Cut-out 278 mm
- Depth 105.5 mm

Fostex

Znom	8	ohm	Sd	-	cm ²
Re	6.6	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	254	ltrs
fs	25	Hz	Xmax	4.8	mm peak
Qms	2.73		VC Ø	-	mm
Qes	0.28		Sensitivity		
Qts	0.25		1W / 1m	95	dB
Mms	55	g	Nom. Power	125	W
Cms	-	mm/N	Net weight	5.0	kg



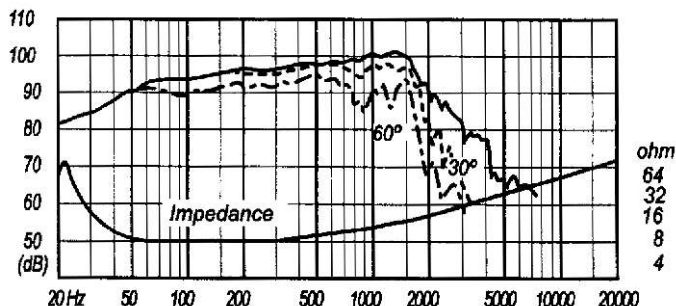
FW405 \$310.45



- 16" WOOFER
- Hybrid pulp cone
- 96db sensitivity
- 8 ohm impedance
- Frequency response from 20 Hz to 2.5 kHz
- Flange 395mm
- Cut-out 354mm
- Depth 123mm

Fostex

Znom	8	ohm	Sd	-	cm ²
Re	6.8	ohm	BL	-	16.97T/m
Le@1kHz	-	mH	Vas	595	ltrs
fs	20	Hz	Xmax	7.0	mm peak
Qms	4.99		VC Ø	-	mm
Qes	0.36		Sensitivity		
Qts	0.34		1W / 1m	96	dB
Mms	125	g	Nom. Power	150	W
Cms	-	mm/N	Net weight	7.8	kg



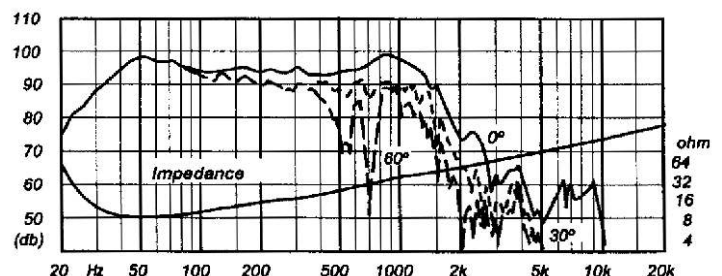
FW800N \$2,446.00



- 31.5" SUPER WOOFER
- Hybrid pulp cone
- 96db sensitivity
- 8 ohm impedance
- Frequency response from 18 Hz to 1.5 kHz
- Flange 800mm
- Cut-out 748mm
- Depth 291mm

Fostex

Znom	8	ohm	Sd	-	cm ²
Re	6.8	ohm	BL	-	N/A
Le@1kHz	-	mH	Vas	3201.1	ltrs
fs	18	Hz	Xmax	2.3	mm peak
Qms	8.5		VC Ø	-	mm
Qes	0.76		Sensitivity		
Qts	0.69		1W / 1m	96	dB
Mms	440	g	Nom. Power	450	W
Cms	-	mm/N	Net weight	20.7	kg



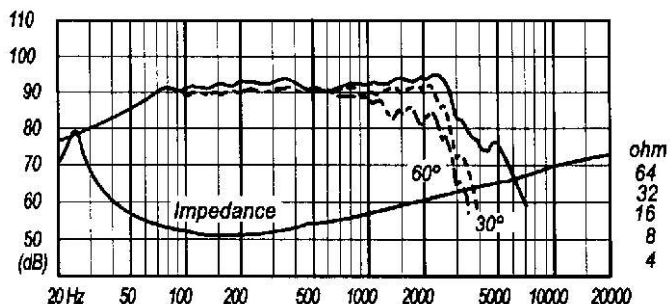
W300All \$790.65



- 12" WOOFER
- Alnico magnet
- Double spider
- Ceramics coated cone
- Frequency response from 25 Hz to 3kHz
- Flange 312mm
- Cut-out 278mm
- Depth 129mm

Fostex

Znom	8	ohm	Sd	539	cm ²
Re	7.0	ohm	BL	18.75	N/A
Le@1kHz	-	mH	Vas	227	ltrs
fs	25	Hz	Xmax	6.5	mm peak
Qms	9.17		VC Ø	80	mm
Qes	0.29		Sensitivity		
Qts	0.28		1W / 1m	93	dB
Mms	92.7	g	Nom. Power	150	W
Cms	0.056	mm/N	Net weight	6.3	kg



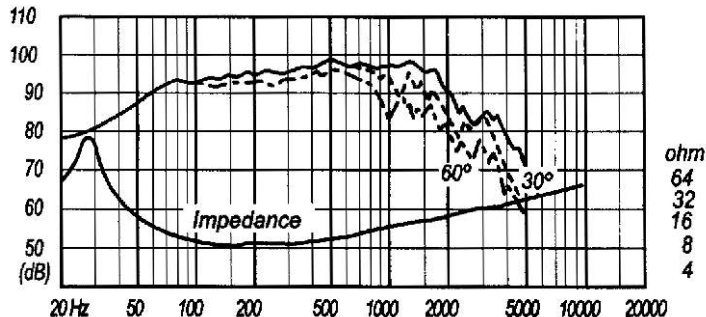
W400All \$1,238.50



- 16" WOOFER
- Alnico magnet
- Double spider
- Ceramics coated cone
- 97db sensitivity
- Frequency response from 25 Hz to 2.5 kHz
- Flange 395mm
- Cut-out 354mm
- Depth 192mm

Fostex

Znom	8	ohm	Sd	892	cm ²
Re	6.8	ohm	BL	21.19	N/A
Le@1kHz	-	mH	Vas	312.3	ltrs
fs	25	Hz	Xmax	7.0	mm peak
Qms	14.94		VC Ø	100	mm
Qes	0.32		Sensitivity		
Qts	0.32		1W / 1m	97	dB
Mms	134.5	g	Nom. Power	200	W
Cms	0.028	mm/N	Net weight	15.2	kg



R80B \$21.10



- 8 ohm Attenuator
- Attenuation 0 to 40 db or more
- Input 100 watts
- Flange 50 x 50 mm SQUARE
- Depth 71 mm

R82B \$36.75



- 8 ohm Attenuator
- Attenuation 0 to 40 db or more
- Input 200 watts
- Flange 50 x 50 mm SQUARE
- Depth 89 mm

R100T \$170.90



- Transformer type Attenuator
- Attenuation 0 to 21 db (1 db step)
- Input 100 watts
- Flange 88mm x 90mm
- Depth 170mm

Fostex



H400 Wooden Horn and **D1405** Horn Driver. **\$1466 /Pair**
Cutoff frequency of H400 is 455Hz, 1" throat.
Dimensions: 15.59" W x 4.72" T x 8.9" D - Natural Maple
D1405 is 8 ohm, 60W, 104dB, alnico magnet, Titanium diaphragm

*Cabinet plans available on our website.
www.madisound.com/fostex.html*

