

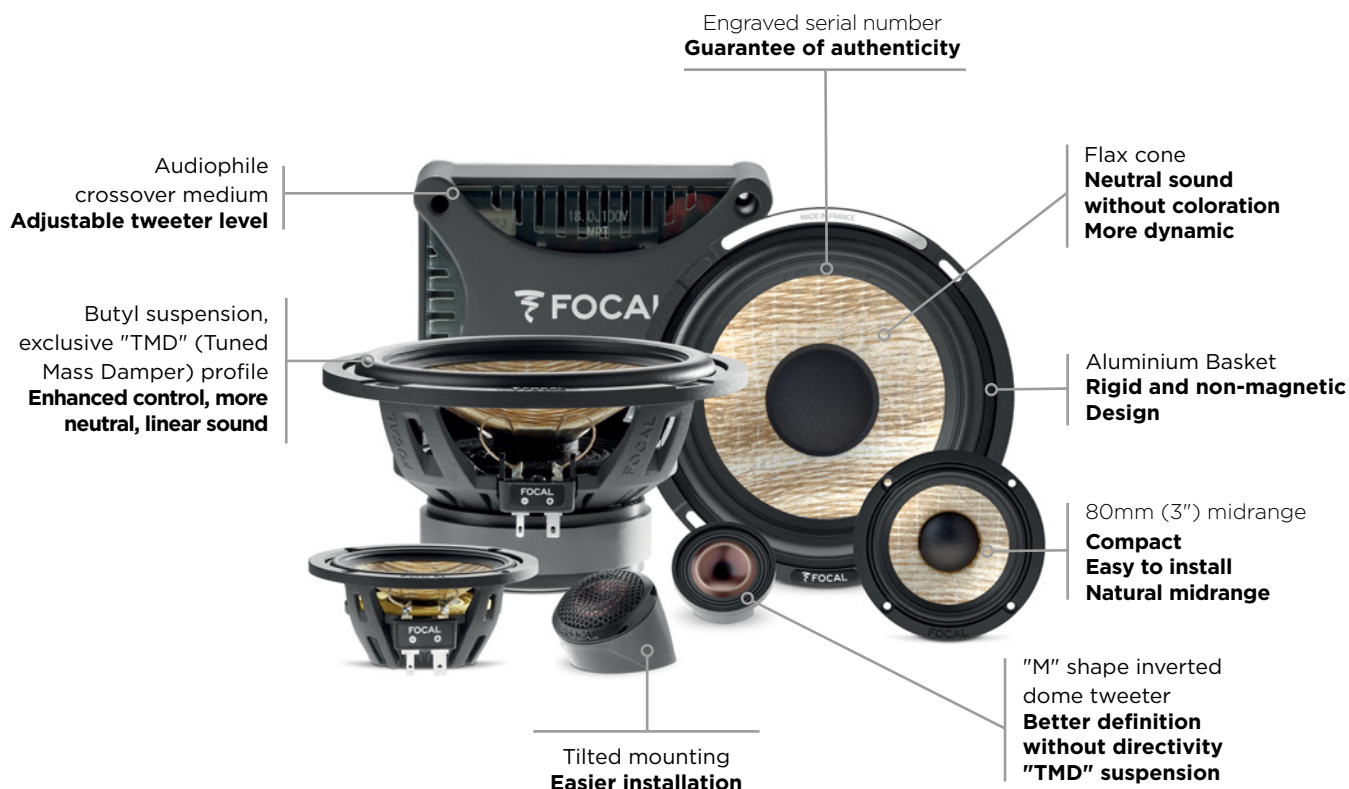
FLAX EVO

PS 165 F3E

Product Data Sheet

MADE IN
FRANCE

3-way component kit



Key points

- High power handling
- Very low deep bass
- Compact midrange
- Wider diffusion angle
- Unique and patented Flax cone (N°1350116)

Type	3-way component kit
Woofer / Medium	6 ¹ / ₂ " (165mm) / 3" (80mm)
W. / M. Depth	2 ⁷ / ₈ " (72.7mm) / 1 ⁵ / ₁₆ " (33.5mm)
Cone	Flax sandwich
Tweeter	TAM tweeter (Aluminium/Magnesium 'M'-profile inverted dome tweeter)
Max. power	160W
Nom. power	80W RMS
Sensitivity (2,83 V/1 m)	90.5dB
Frequency response	60Hz-28kHz
W. / M. Voice coil diameter	1 ¹ / ₄ " (32mm) / 1" (25mm)
Magnet	Ferrite
Surround	TMD
Impedance	4Ω
Crossover	18dB/Oct @600-4000Hz

FLAX EVO

PS 165 F3E

Technical Sheet

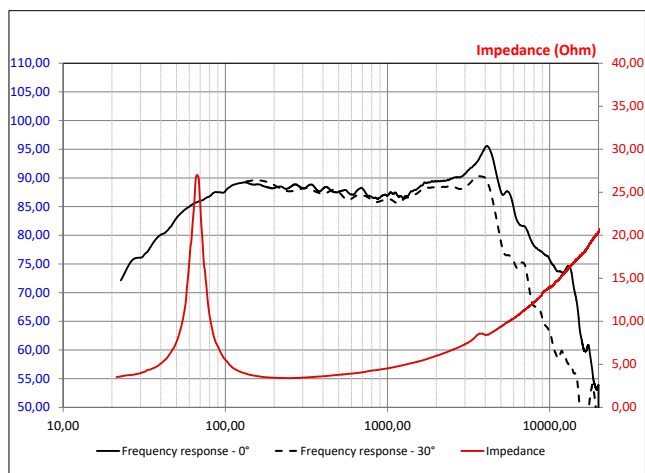
6½" Woofer



SPECIFICATIONS

Nominal power	80W
Maximum power	160W
Sensitivity	90.5dB
Nom. impedance	4Ω
Cone	Flax
Surround	TMD - Rubber
DC resistance	3.2Ω
VC diameter	32mm 1¼"
Former	Kapton
Layers	2
Wire	Copper
Net weight	1,150g 2.54lbs
Frequency response	60Hz-28kHz
Crossover	18dB/Oct @600-4,000 Hz

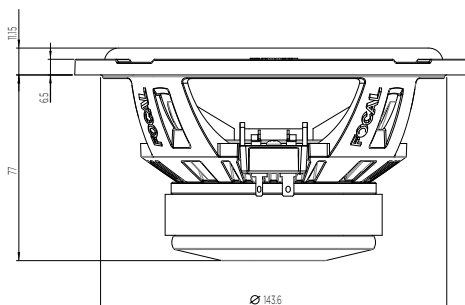
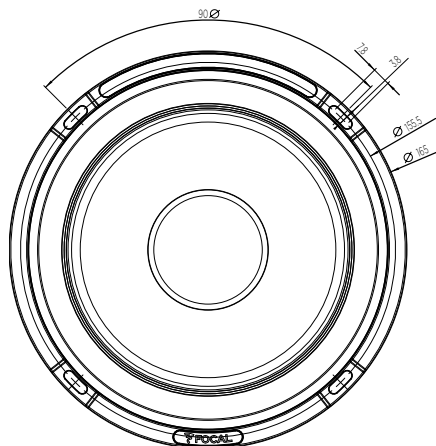
FREQUENCY RESPONSE/IMPEDANCE



PARAMETERS

Rdc	3.2Ω
Fs	60Hz
Mms	14.5g
Cms	0.44mm/N
Vas	12l
Qts	0.8
Qes	0.9
Qms	9
Bxl	4.5N/A
Sd	127cm²
SPL	90.5db
Xmax	5

MECHANICAL DRAWING



FLAX EVO

PS 165 F3E

Technical Sheet

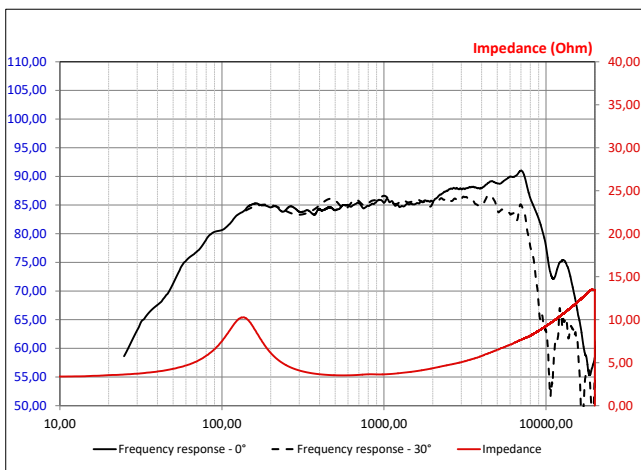
3" Midrange



SPECIFICATIONS

Nominal power	30W
Maximum power	160W
Sensitivity	87.5dB
Nom. impedance	4Ω
Cone	Flax
Surround	TMD - Rubber
DC resistance	3.3Ω
VC diameter	25mm 1"
Former	Kapton
Layers	2
Wire	Copper
Net weight	160g 0.35lbs
Frequency response	60-28kHz
Crossover	18dB/Oct @600-4,000 Hz

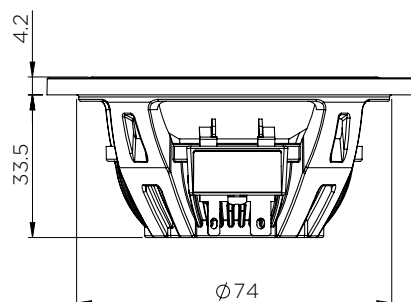
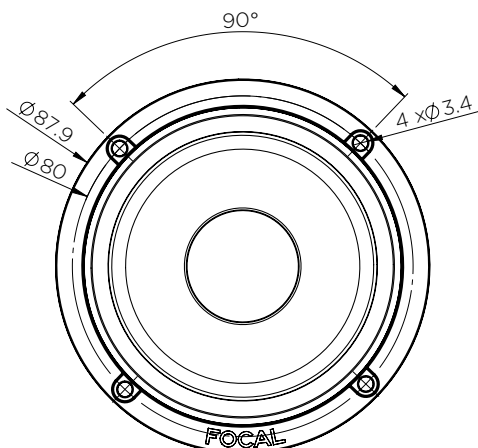
FREQUENCY RESPONSE/IMPEDANCE



PARAMETERS

Rdc	3.3Ω
Fs	145Hz
Mms	4.1g
Cms	0.28mm/N
Vas	0.5 l
Qts	0.7
Qes	1
Qms	3
Bxl	43.5N/A
Sd	34cm ²
SPL	87.5db
Xmax	1

MECHANICAL DRAWING



FLAX EVO TAM

Technical Sheet

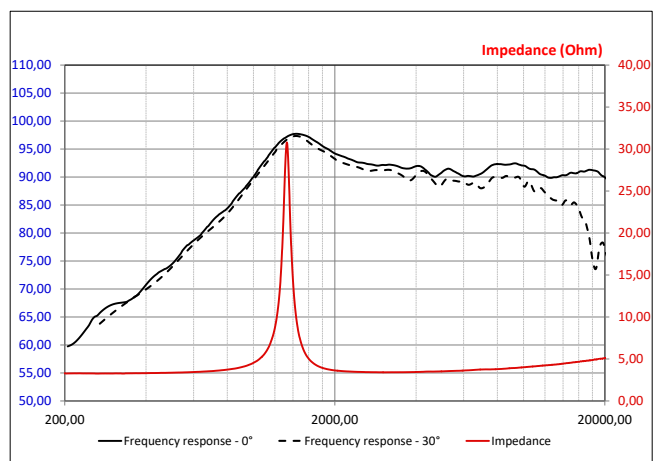
Tweeter



SPECIFICATIONS

Nominal power	20W
Maximum power	150W
Sensitivity	92dB
Nom. impedance	4Ω
Cone	Al - Mg
Surround	TMD - Rubber
DC resistance	3.4Ω
VC diameter	23mm $15/16"$
Former	Kapton
Layers	2
Wire	Alu
Net weight	60g 0.13lb

FREQUENCY RESPONSE/IMPEDANCE



PARAMETERS

Rdc	3.4Ω
Fs	1,200Hz

MECHANICAL DRAWING

