

EXPERT P20F

8" (200mm) Subwoofer

- Rubber surround catenary profil
Long life, reliability, high excursion

- Flax® cone
High rigidity, deep and controlled bass

- "Dual Magnet" 4^{3/4}" (120mm)
High power, linearity

- Fiberglass voice-coil material
Overheating reduction



WHAT MAKES THE DIFFERENCE

- "Dual Magnet" for More power
- FLAX® technology for an exclusive cone
- High rigidity for deep and controlled bass
- The best compromise for a small seal enclosure volume using (0.35 Cu ft – 10L)

TECHNICAL CHARACTERISTICS

Woofer: 8" (200mm)
Voice-coil: 2" (50mm)
Voice-coil height: 1^{1/8}" (28mm)
Magnet: 4^{3/4}" (120mm)
Max. power: 500 Watts

Nominal power: 250 Watts RMS
Sensitivity (2.83V/1m): 82.5dB
Impedance: 4 Ohms
Frequency response: 39Hz - 500Hz



Performance
CREATE YOUR SOUND



FOCAL
THE SPIRIT OF SOUND

EXPERT

P20F 8" (200mm) SUBWOOFER



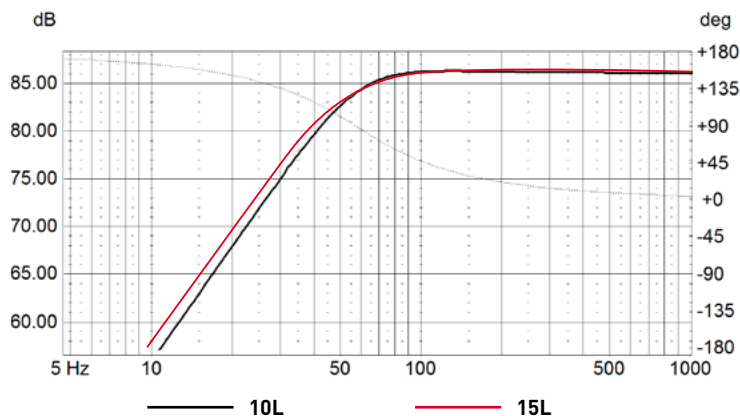
- FLAX® Cone
- Sealed and ported enclosure
- Small compact volume

SPECIFICATIONS

Nominal power	250W RMS	
Maximum power	500W	
Sensitivity (2.83V/1m)	82.5dB	
Cone	Flax®	
Surround	Rubber	
Nom. impedance	4 Ohms	
DC resistance	3.4 Ohms	
VC diameter	38mm	1 1/2"
VC height	28mm	1 1/8"
Former	Glass Fiber	
Layers	4	
Wire	Copper	
Inductance	1.7 mH	
Xmax	10mm	0 3/8"
Magnet dxh (mm)	120 x 32mm	4 3/4" x 1 1/4"
Flux density	0.75T	
Gap height	8mm	0 5/16"
Net weight	3200g	6 lbs

FREQUENCY RESPONSE / IMPEDANCE

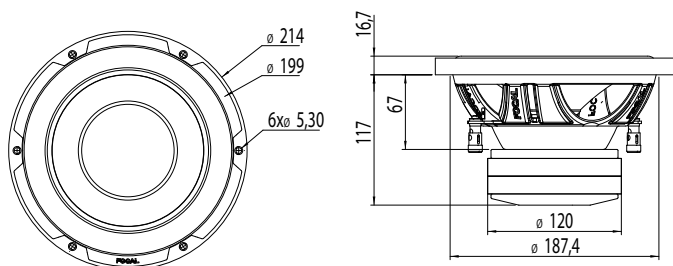
Sealed enclosure
dB



PARAMETERS

Fs	38.5Hz
Vas	12L
Qts	0.56
Qes	0.61
Qms	5.5
Re	3.4 Ohms
Sd	216cm ²
Cms	0.18 mm/N
Mms	95g
BL	11.5 N/A
SPL	82.5 dB

MECHANICAL DRAWING



SUGGESTED APPLICATION

Sealed enclosure

Volume	F-3 (Hz)
10L 0.35 cu.ft.	52 Hz
15L 0.52 cu.ft.	50 Hz

Ported enclosure

Volume	F-3 (Hz)	Ø port	Port length
10L 0.35 cu.ft.	45 Hz	7 cm - 2 3/4"	30 cm - 12"
15L 0.52 cu.ft.	35 Hz	7 cm - 2 3/4"	35 cm - 13 25/32"
20L 0.70 cu.ft.	30 Hz	7 cm - 2 3/4"	35 cm - 13 25/32"



Performance
CREATE YOUR SOUND



FOCAL
THE SPIRIT OF SOUND