

# FLAX EVO

## P 20 FE

Technical Sheet

### 8" (200mm) Subwoofer

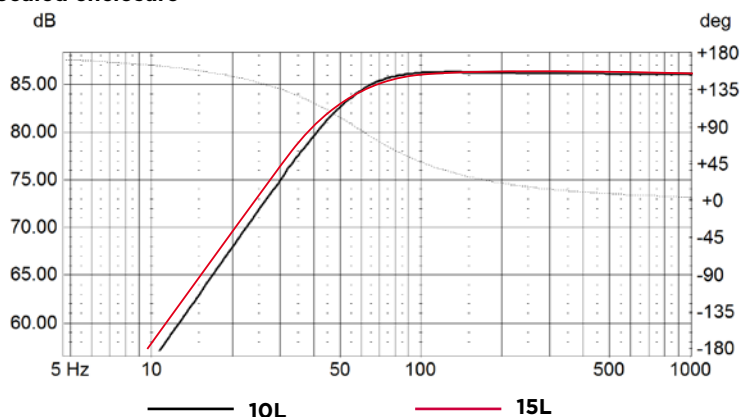


### SPECIFICATIONS

Nominal power	250W RMS	
Maximum power	500W	
Sensitivity (2.83V/1m)	82.5dB	
Cone	Flax <sup>®</sup>	
Surround	Rubber	
Nom. impedance	4 Ohms	
DC resistance	3.4 Ohms	
VC diameter	38mm	1 <sup>1</sup> / <sub>2</sub> "
VC height	28mm	1 <sup>1</sup> / <sub>8</sub> "
Former	Glass Fiber	
Layers	4	
Wire	Copper	
Inductance	1.7mH	
Xmax	10mm	0 <sup>3</sup> / <sub>8</sub> "
Magnet dxh (mm)	120 x 32mm	4 <sup>3</sup> / <sub>4</sub> " x 1 <sup>1</sup> / <sub>4</sub> "
Flux density	0.75T	
Gap height	8mm	0 <sup>5</sup> / <sub>16</sub> "
Net weight	3.2kg	6lbs

### FREQUENCY RESPONSE / IMPEDANCE

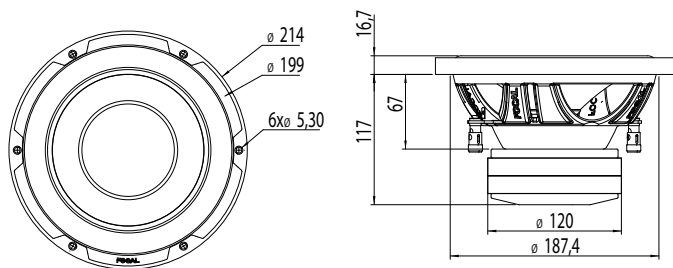
Sealed enclosure



### PARAMETERS

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

### MECHANICAL DRAWING



### SUGGESTED APPLICATION

Ported enclosure

Volume	F-3 (Hz)	Ø port	Port length
10L (0.35 cu.ft.)	45Hz	7cm - 2 <sup>3</sup> / <sub>4</sub> "	30cm - 12"
15L (0.52 cu.ft.)	35Hz	7cm - 2 <sup>3</sup> / <sub>4</sub> "	35cm - 13 <sup>7</sup> / <sub>32</sub> "
20L (0.7 cu.ft.)	30Hz	7cm - 2 <sup>3</sup> / <sub>4</sub> "	35cm - 13 <sup>7</sup> / <sub>32</sub> "

Sealed enclosure

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