

EXPERT P30F 12" (300mm) SUBWOOFER



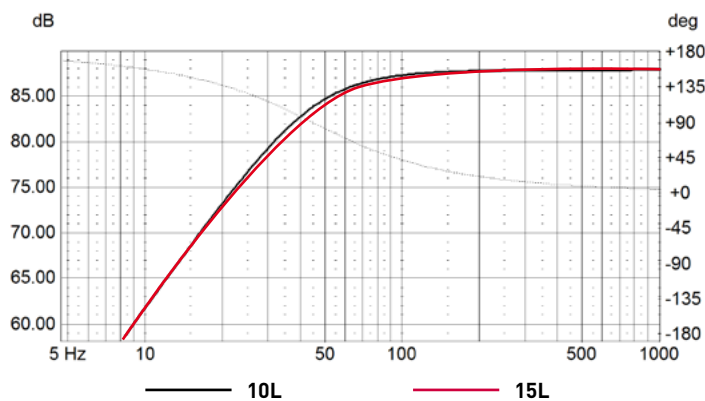
- FLAX® Cone
- Sealed and ported enclosure
- High power handling

SPECIFICATIONS

Nominal power	400W RMS	
Maximum power	800W	
Sensitivity (2.83V/1m)	86.7dB	
Cone	Flax	
Surround	Rubber	
Nom. impedance	4 Ohms	
DC resistance	3.7 Ohms	
VC diameter	50mm	2"
VC height	35mm	1 ³ / ₈ "
Former	Glass Fiber	
Layers	4	
Wire	Copper	
Inductance	2.7 mH	
Xmax	14mm	0 ⁹ / ₁₆ "
Magnet dxh (mm)	145 x 40mm	5 ¹¹ / ₁₆ " x 1 ⁹ / ₁₆ "
Flux density	0.75T	
Gap height	8mm	0 ⁵ / ₁₆ "
Net weight	5800g	11.6 lbs

FREQUENCY RESPONSE / IMPEDANCE

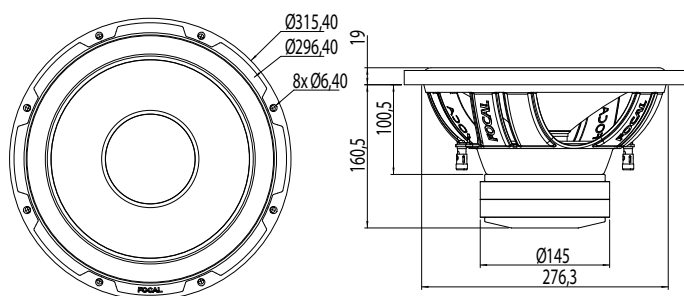
Sealed enclosure



PARAMETERS

Fs	28Hz
Vas	70L
Qts	0.47
Qes	0.51
Qms	5.6
Re	3.7 Ohms
Sd	510cm ²
Cms	0.19 mm/N
Mms	178g
BL	15.3 N/A
SPL	86.7 dB

MECHANICAL DRAWING



SUGGESTED APPLICATION

Sealed enclosure		Ported enclosure			
Volume	F-3 (Hz)	Volume	F-3 (Hz)	Ø port	Port length
30L 1.05 cu.ft.	45 Hz	40L 1.4 cu.ft.	32 Hz	8 cm - 3 ⁵ / ₃₂ "	35 cm - 13 ²⁵ / ₃₂ "
35L 1.23 cu.ft.	44 Hz	45L 1.58 cu.ft.	30 Hz	8 cm - 3 ⁵ / ₃₂ "	35 cm - 13 ²⁵ / ₃₂ "
40L 1.4 cu.ft.	43 Hz	50L 1.76 cu.ft.	29 Hz	8 cm - 3 ⁵ / ₃₂ "	35 cm - 13 ²⁵ / ₃₂ "
		60L 2.11 cu.ft.	27 Hz	8 cm - 3 ⁵ / ₃₂ "	35 cm - 13 ²⁵ / ₃₂ "

