

EXPERT P30F 12" (300mm) SUBWOOFER



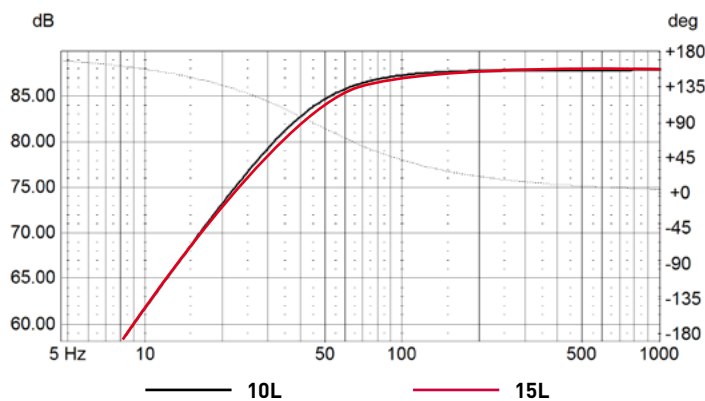
- FLAX® Cone
- Sealed and ported enclosure
- High power handling

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

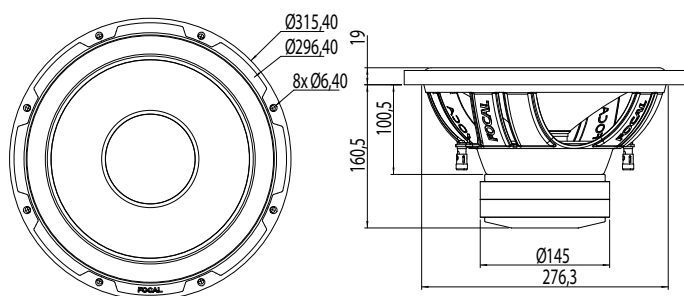
Sealed enclosure



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

| Volume | F-3 (Hz) |
|--------------------|----------|
| 30L 1.05 cu.ft. | 45 Hz |
| 35L 1.23 cu.ft. | 44 Hz |
| 40L 1.4 cu.ft. | 43 Hz |

Ported enclosure

| Volume | F-3 (Hz) | Ø port | Port length |
|--------------------|----------|--|---|
| 40L 1.4 cu.ft. | 32 Hz | 8 cm - 3 ⁵ / ₃₂ " | 35 cm - 13 ²⁵ / ₃₂ " |
| 45L 1.58 cu.ft. | 30 Hz | 8 cm - 3 ⁵ / ₃₂ " | 35 cm - 13 ²⁵ / ₃₂ " |
| 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 " |