

# EXPERT PS 165F3

Woofer (6")

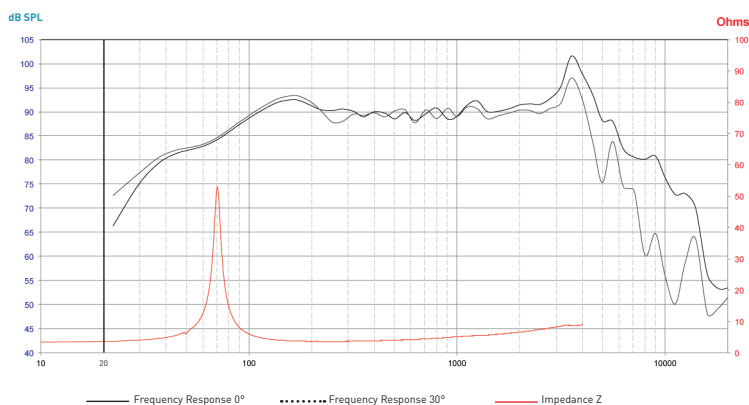


- Flax cone
- Aluminum basket
- Butyl surround

## SPECIFICATIONS

|                        |                |                       |
|------------------------|----------------|-----------------------|
| Nominal power          | 80W            |                       |
| Maximum power          | 160W           |                       |
| Sensitivity (2,83V/1m) | 90.7dB         |                       |
| Cone                   | Flax           |                       |
| Surround               | Butyl          |                       |
| Nom. impedance         | 4 Ohms         |                       |
| DC resistance          | 3 Ohms         |                       |
| VC diameter            | 32mm           |                       |
| VC height              | 15mm           |                       |
| Former                 | Kapton         |                       |
| Layers                 | 2              |                       |
| Wire                   | Alu            |                       |
| Inductance             |                |                       |
| Xmax                   | +/- 5mm        | 1 1/4"                |
| Magnet d x h           | 89 x 42 x 17mm | 3 1/2 x 1 2/3 x 0 2/3 |
| Magnet weight          | 1050g          | 2.10lb                |
| Flux density           | 0.9T           |                       |
| Gap height             | 5mm            | 0 3/16"               |
| Net weight             | 1150g          | 2.30lb                |
| Crossover cut-off      | 300Hz          |                       |

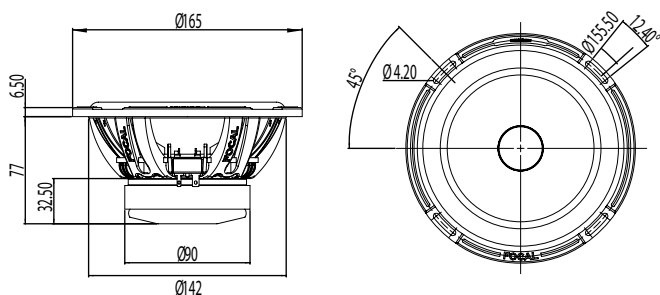
## FREQUENCY RESPONSE/IMPEDANCE



## PARAMETERS

|             |                      |
|-------------|----------------------|
| Fs          | 66Hz                 |
| Vas         | 10.6l                |
| Qts         | 0.86                 |
| Qes         | 0.92                 |
| Qms         | 12.8                 |
| Re          | 3.3 Ohms             |
| Sd          | 132.7cm <sup>2</sup> |
| Cas         | 7.55E-08 m5/N        |
| Mas         | 76 Kg/m4             |
| Ras         | 2480 Ohms.ac         |
| Cms         | 430 µm/N             |
| Mms         | 13.4 g               |
| Rms         | 0.44 Kg/s            |
| Ces         | 668.23 mF            |
| Les         | 8.6 mH               |
| Res         | 45.9 Ohms            |
| BI          | 4.5 N/A              |
| SPL         | 87.1dB/W/m           |
| f-3dans 30L | 60Hz                 |

## MECHANICAL DRAWING



**Performance**  
CREATE YOUR SOUND



**FOCAL**  
THE SPIRIT OF SOUND