

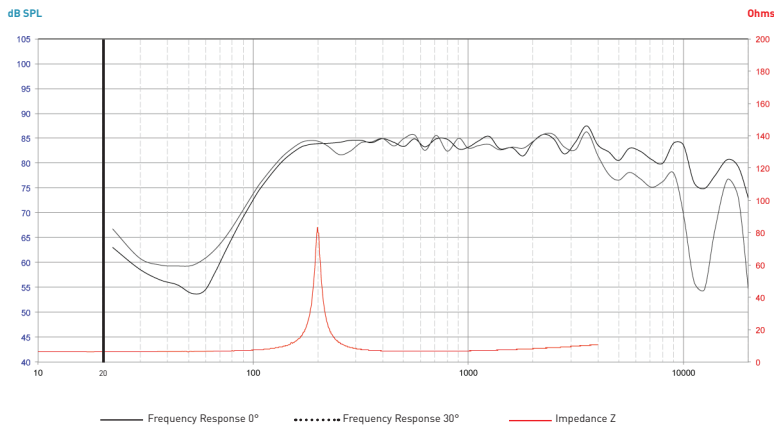
# EXPERT PS 165F3

Midrange (3")

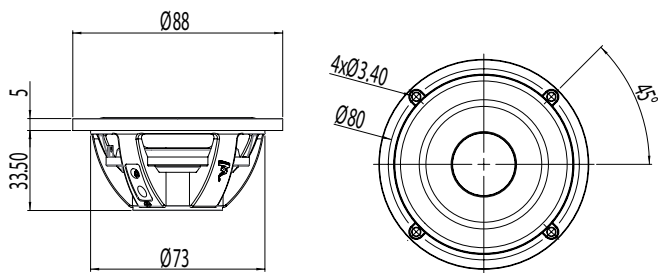


- Flax cone
- Aluminum basket
- Butyl surround
- Compact size (3")

## FREQUENCY RESPONSE/IMPEDANCE



## MECHANICAL DRAWING



## SPECIFICATIONS

|                        |                  |                                      |
|------------------------|------------------|--------------------------------------|
| Nominal power          | 50W              |                                      |
| Maximum power          | 100W             |                                      |
| Sensitivity (2,83V/1m) | 83.6dB           |                                      |
| Cone                   | Flax             |                                      |
| Surround               | Butyl            |                                      |
| Nom. impedance         | 8 Ohms           |                                      |
| DC resistance          | 6.2 Ohms         |                                      |
| VC diameter            | 25mm             | 0 <sup>2/2+3/3</sup> "               |
| VC height              | 8mm              |                                      |
| Former                 | Kapton           |                                      |
| Layers                 | 2                |                                      |
| Wire                   | Alu              |                                      |
| <b>Inductance</b>      |                  |                                      |
| Xmax                   | +/- 2mm          | 0 <sup>1/16</sup> "                  |
| Magnet d x h           | 32.9 x 22.3mm    | 1 <sup>5/16</sup> x 0 <sup>7/8</sup> |
| Magnet weight          | 110g             | 0.22lb                               |
| Flux density           | 1.2T             |                                      |
| Gap height             | 4mm              | 0 <sup>3/16</sup> "                  |
| Net weight             | 180g             | 0.36lb                               |
| Crossover cut-off      | 300 Hz - 3500 Hz |                                      |

## PARAMETERS

|     |                     |
|-----|---------------------|
| Fs  | 200Hz               |
| Vas | 0,2l                |
| Qts | 1.2                 |
| Qes | 1.3                 |
| Qms | 15.8                |
| Re  | 6.2 Ohms            |
| Sd  | 30.2cm <sup>2</sup> |
| Cas | 1.37E-08 m5/N       |
| Mas | 460.8 Kg/m4         |
| Ras | 36650 Ohms.ac       |
| Cms | 150 µm/N            |
| Mms | 4.2 g               |
| Rms | 0.33 Kg/s           |
| Ces | 166.9 mF            |
| Les | 3.8 mH              |
| Res | 45.975.35           |
| BI  | 5 N/A               |
| SPL | 82.6 dB/W/m         |

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