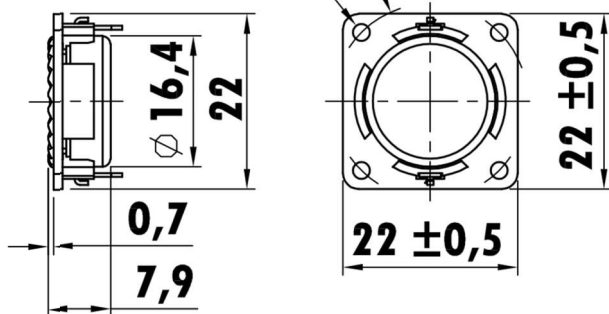


0.7", Plastic Frame  
0.46" CCAW Voice Coil, Aluminum Former  
Titanium Dome with Polyurethane Surround  
Neodymium Magnet Motor System  
Frequency Response Extended to 20 kHz  
Spider-less

**Pitch diam.  $\varnothing$  24,5**

**$\varnothing$  2,2  $\pm$  0,1 (x4)**



Prototype

## T-S Parameters

|                               |                      |
|-------------------------------|----------------------|
| Resonance frequency [fs]      | 578.6 Hz             |
| Mechanical Q factor [Qms]     | 2.27                 |
| Electrical Q factor [Qes]     | 2                    |
| Total Q factor [Qts]          | 1.06                 |
| Force factor [Bl]             | 0.88 Tm              |
| Mechanical resistance [Rms]   | 0.17 kg/s            |
| Moving mass [Mms]             | 0.106 g              |
| Compliance [Cms]              | 0.71 mm/N            |
| Effective diaph. diameter [D] | 15 mm                |
| Effective piston area [Sd]    | 1.77 cm <sup>2</sup> |
| Equivalent volume [Vas]       | 0.0031 l             |
| Sensitivity (2.83V/1m)        | 79 dB                |
| Ratio Bl/√Re                  | 0.44 N/√W            |
| Ratio fs/Qts                  | 545.8 Hz             |

## Electrical Data

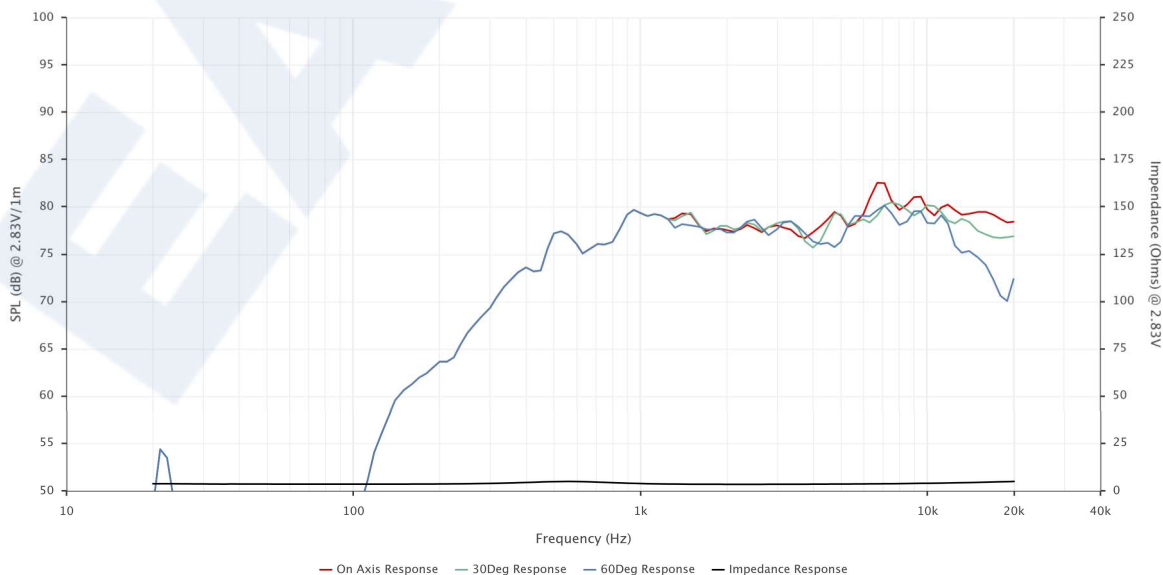
|                            |          |
|----------------------------|----------|
| Nominal impedance [Zn]     | 4 Ω      |
| Minimum impedance [Zmin]   | 3.4 Ω    |
| Maximum impedance [Zo]     | 4.9 Ω    |
| DC resistance [Re]         | 4 Ω      |
| Voice coil inductance [Le] | 0.028 mH |

## Power Handling

|                                |       |
|--------------------------------|-------|
| 100h RMS noise test (IEC 18.4) | 1 W   |
| Long-term max power (IEC 18.2) | 1.5 W |

## Voice Coil & Magnet Data

|                     |           |
|---------------------|-----------|
| Voice coil diameter | 11.8 mm   |
| Voice coil height   | 1.5 mm    |
| Voice coil layers   | 4         |
| Height of gap       | 1 mm      |
| Linear excursion    | ± 0.25 mm |
| Max mech. excursion | ± - mm    |
| Unit weight         | 0.0082 kg |



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