

# DN14.40TK

Lavoce

## 1.4" COMPRESSION DRIVER

NEODYMIUM MAGNET

### PRELIMINARY

- 4 INCH EDGEWOUND CCA VOICE COIL
- 109 dB/SPL SENSITIVITY
- 260 W PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR, PHASEPLUG AND DIAPHRAGM
- 500 - 20000 Hz FREQUENCY RANGE
- TITANIUM DIAPHRAGM AND POLYIMIDE SURROUND
- PATENTED IIS INTEGRAL INPUT SURFACE PHASEPLUG



### GENERAL SPECIFICATIONS

|                            |               |             |
|----------------------------|---------------|-------------|
| Throat diameter            | mm (in.)      | 36 (1.4)    |
| Nominal impedance          | Ω             | 8           |
| Minimum impedance          | Ω             | 8           |
| Program power (1)          | W             | 260         |
| AES Power rating (2)       | W             | 130         |
| Sensitivity (3)            | dB            | 109         |
| Frequency range            | Hz            | 500 ÷ 20000 |
| Voice coil diameter        | mm (in.)      | 100 (4)     |
| Magnet material            | Neodymium     |             |
| Magnet OD                  | mm (in.)      | 140 (5.5)   |
| Coil material              | Edgewound CCA |             |
| Former material            | Kapton        |             |
| Diaphragm material         | Titanium      |             |
| Surround material          | Polyimide     |             |
| Voice coil Inductance      | mH            | 0,17        |
| Flux density               | T             | 1,9         |
| Recommended crossover (4)  | Hz            | 800         |
| Driver displacement volume | l (ft³)       | 0,7 (0.025) |

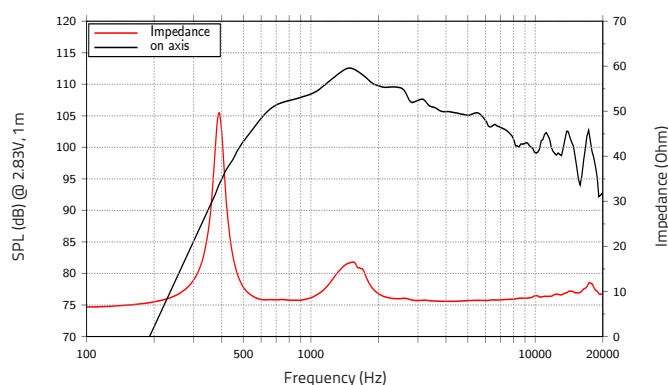
### SHIPPING INFORMATION

|                    |          |                                     |
|--------------------|----------|-------------------------------------|
| Net weight         | kg (lb.) | 2,0 (4.4)                           |
| Multipack size (9) | mm (in.) | 570 x 538 x 103 (22.4 x 21.2 x 4.1) |
| Multipack weight   | kg (lb.) | 20,2 (44.5)                         |

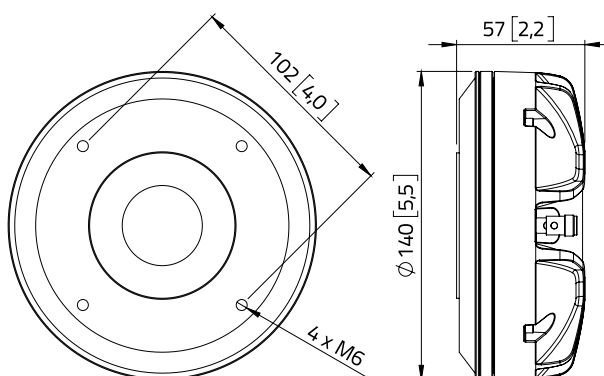
(1) Program power is defined as 3 dB greater than AES Power. (2) Horn loaded test for 2h with continuous, band-limited (800-20000 Hz, 12dB/oct.) pink noise as per AES 2-1984 Rev. 2003. (3) Measured on axis at 2.83V, 1m, driver loaded with HD1403 horn, SPL averaged in the frequency range 500 ÷ 18000 Hz. (4) High pass filter with slope 12dB/oct. or higher.

All specifications subject to change without notice\_H.a

### FREQUENCY RESPONSE



### DIMENSIONS mm (in.)



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