



NDX595

DRIVER



Description The 1.75" PKX dome NDX595 is a compression driver for professional applications where high-quality sound and long-term reliability are required. The ultra-compact size and the low recommended crossover point at 1000 Hz make it ideal for small two-way cabinet designs and three-way loudspeaker systems. PKX (modified polyether ether ketone) is a rigid yet lightweight material, optimized with reinforcing ribs, offering remarkable precision and reliability compared with other polymeric materials. The voice coil utilizes ultralight edge wound aluminum wire, class-leading neodymium magnets, a 3-slot phase plug, and a copper ring design to deliver exceptional power handling, sensitivity, and low distortion across its operating bandwidth. The driver specifies 140 Watts of continuous power handling at 8 ohms, with a sensitivity of 110 dB.

- Features**
- › 1.75-inch PKX dome, polyimide surround
 - › Kapton former, edge wound aluminum voice coil
 - › 140W continuous program power handling @ 8Ω
 - › Frequency range: 500Hz - 20kHz
 - › 4-slot optimized geometry phase plug
 - › Copper inductance ring for extended response
 - › High-flux density neodymium magnet
 - › Recommended for 3-way speaker design

Part Number 15100023 NDX595 8ohm



NDX595

DRIVER

General specifications

TECHNICAL SPECIFICATIONS

Exit Throat Diameter	1.0 inch / 25 mm
Related Impedance	8 ohm
Program Power (watt)	140 W
Power handling capacity (watt)	70 W
Sensitivity	110 dB
Frequency range	1200 - 20000 Hz
Diaphragm Material	PKX Polymer
Suspension Material	PKX Polymer
Suspension Design	Flat
Minimum Impedance (ohm)	6.50 ohm
Voice Coil Diameter	1.75 inch / 44 mm
Voice Coil Material	Edgewound Aluminum
Voice Coil Former Design	Straight - Kapton
Number of layers	1
Kind of layers	outside
Flux Density	2.1 T
Phase Plug Design	3 slot
Phase Plug Material	PP Composite
Magnetics	Neodymium
Bl factor (Bl) (T x m)	8.00 T x m
Overall diameter	90 mm / 3.54 inches
Overall height	47 mm / 1.85 inches
Mounting	4 x 6 mm threaded holes at 90°
Safety agency	CE compliant
Weight	1.04 kg / 2.29 lbs

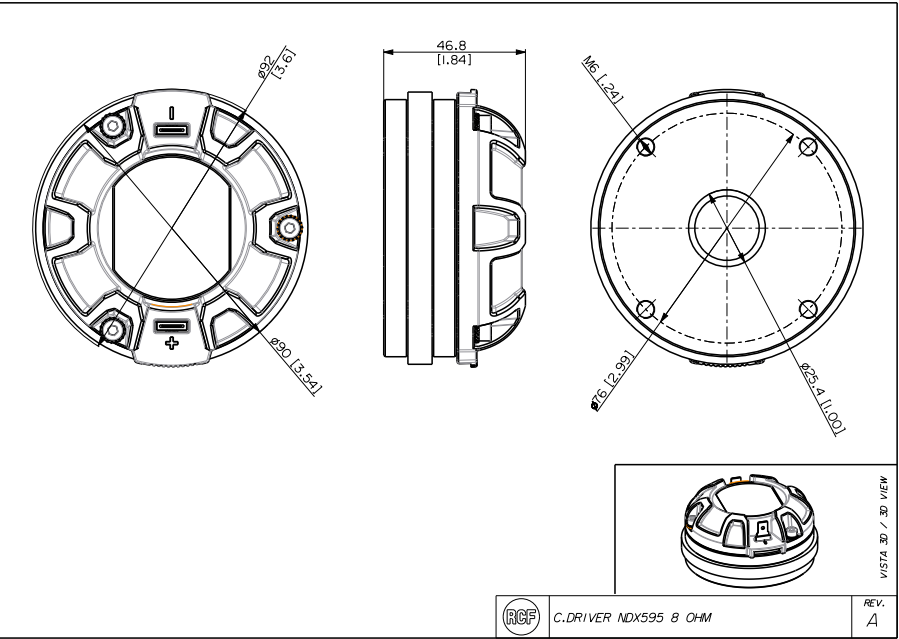
Thiele - small parameters

Mounting information

Standard compliance

Size / Weight

Line Art 2D



C.DRIVER NDX595 8 OHM

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