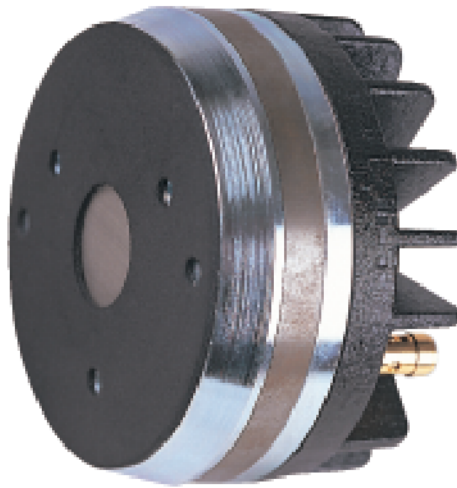


# SD-450N

HIGH FREQUENCY  
COMPRESSION DRIVER

## SD-Series



MODEL: SD-450N

25 mm. 1 in EXIT

Compression Driver

44 mm. 1.75 in

Diaphragm

### SPECIFICATIONS

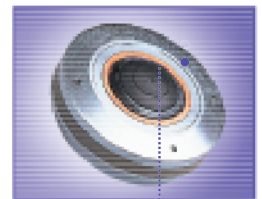
Size( in )	: 100.0 mm 4.0 In
Rated Impedance	: 8 ohm
Power Handling Capacity	: 80 W(rms)
Sensitivity 1W@1m	: 106.0 dB
Operating Bandwidth	: 600 Hz - 20K Hz
Throat Diameter	: 24.50 mm 1.0In
Recommended Crossover	: 2nd. order or Higher

### Thiele - Small Parameters

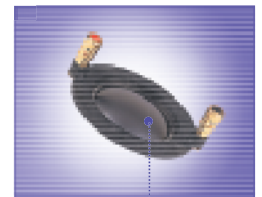
Resonance Frequency	: Fs 240.0 Hz
DC Resistance	: Re 6.3
Mechanical Q Factor	: Qms 0.779
Electrical Q Factor	: Qes 0.485
Total Q Factor	: Qts 0.298

### Physical Information

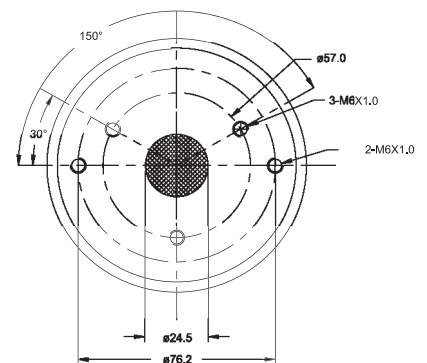
Basket Material	: Die cast Aluminum
Diaphragm Material	: Titanium
Magnet Type	: Neodymium
Terminal	: Gold Plated Push
Mounting Type	: Bolt On
Voice Coil Former	: Kapton 400°C
Voice Coil Material	: Aluminium Flat Wire 300°C
Net Weight	: 1.7 kg 3.74Lb/pcs
Gross Weight	: 1.9 kg 4.18Lb/pcs
Packing Dimension WxLxH (mm)	: 130 X130 X110 5.1in X 5.1in X 4.3in



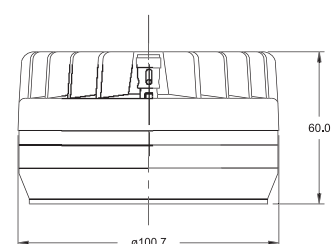
Motor Assembly Designs.  
1008 Cold Roll Steel With  
Copper Shorting Ring.



1.75" Pure Titanium  
Diaphragm With Edge Wound  
Aluminum Ribbon Voice coil.



BOTTOM VIEW



SIDE VIEW

