

## LOUDSPEAKER INFORMATION SHEET

Name \_\_\_\_\_ Telephone \_\_\_\_\_  
 Company \_\_\_\_\_ Fax \_\_\_\_\_  
 Street \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

GENERAL INFORMATION

Driver type \_\_\_\_\_ Power rating \_\_\_\_\_ Operating frequency range \_\_\_\_\_

Type of application \_\_\_\_\_ Heat transfer \_\_\_\_\_ Damping \_\_\_\_\_ Distortion \_\_\_\_\_ Other \_\_\_\_\_

Peak to Peak voice coil excursion \_\_\_\_\_

Bobbin material \_\_\_\_\_ bobbin slit width \_\_\_\_\_

Collar material, if present \_\_\_\_\_

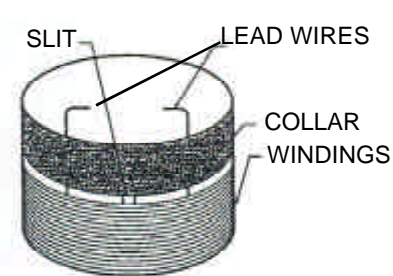
Mechanical venting: none \_\_\_\_\_ if present, where \_\_\_\_\_

Surface finish of front plate: smooth \_\_\_\_\_ machining grooves \_\_\_\_\_

Magnetic flux density in air gap \_\_\_\_\_

Damping coefficients: Presently with no ferrofluid Qe \_\_\_\_\_ Qm \_\_\_\_\_ Qt \_\_\_\_\_  
 Desired with ferrofluid Qe \_\_\_\_\_ Qm \_\_\_\_\_ Qt \_\_\_\_\_

Operating environment: Temperature range \_\_\_\_\_ Humidity \_\_\_\_\_ Other \_\_\_\_\_



VOICE COIL ASSEMBLY

ADHESIVES

Voice coil wire-to-bobbin \_\_\_\_\_ Magnet-to-back plate \_\_\_\_\_

Bobbin-to-diaphragm \_\_\_\_\_ Center pole-to-damping cushion \_\_\_\_\_

Bobbin-to-spider \_\_\_\_\_ Magnet-to-front plate \_\_\_\_\_

FERROFLUID VOLUME

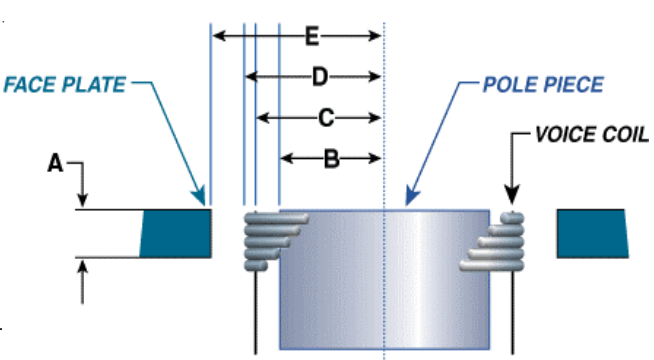
Includes 10% additional amount

$V=56.5 A [E^2+C^2-B^2-D^2]$  ml  
All quantities in inches

$V=3.5 A [E^2+C^2-B^2-D^2]$  ml  
All quantities in cm

Recommended ferrofluid(s)  
\_\_\_\_\_

Recommended volume  
\_\_\_\_\_



*B, C, D, E are Radii*

A \_\_\_\_\_

B \_\_\_\_\_

C \_\_\_\_\_

D \_\_\_\_\_

E \_\_\_\_\_