

Constants :

```

.define Rho 1.18 Kg/m3
.define C_snd 344 m/s
.define Gamma 1.402
.define P_atm 1 Bar
.define P_ref 2e-5 N/m2

.define Ri_Amp 0 Ohm

```

LS Parameters :

```

.define Sd 363 cm2
.define Mds 235 g
.define Cms 0.0914 mm/N
.define Qms 4.83
.define BI 16.6 N/A
.define Re 3.4 Ohm
.define Le 0m H

```

Box Parameters :

```

.define Vb 20 L

.define Gain 1

```

Calculated Simulation Parameters :

```

.define Area_s (Sd*1e-4) m2
.define Mass_s (Mds/1000) Kg
.define Spring_s (1000/Cms) N/m
.define Ds ((SQRT(Mds/Cms))/Qms) N/m/s

.define Vol_b (Vb/1000) m3
.define Norm_fac (Mass_s*Re/BI)

```

