H2+M=H+H+M A=4.577E+19 B=-1.40 E=1.0438E+05 cal/mol

Third body efficiencies: H2=2.5 H2O=12

Chemkin SPECIES List:

H2 O2 H2O H O OH HO2 H2O2 N2

Where PATM=1.01325D6 dyne