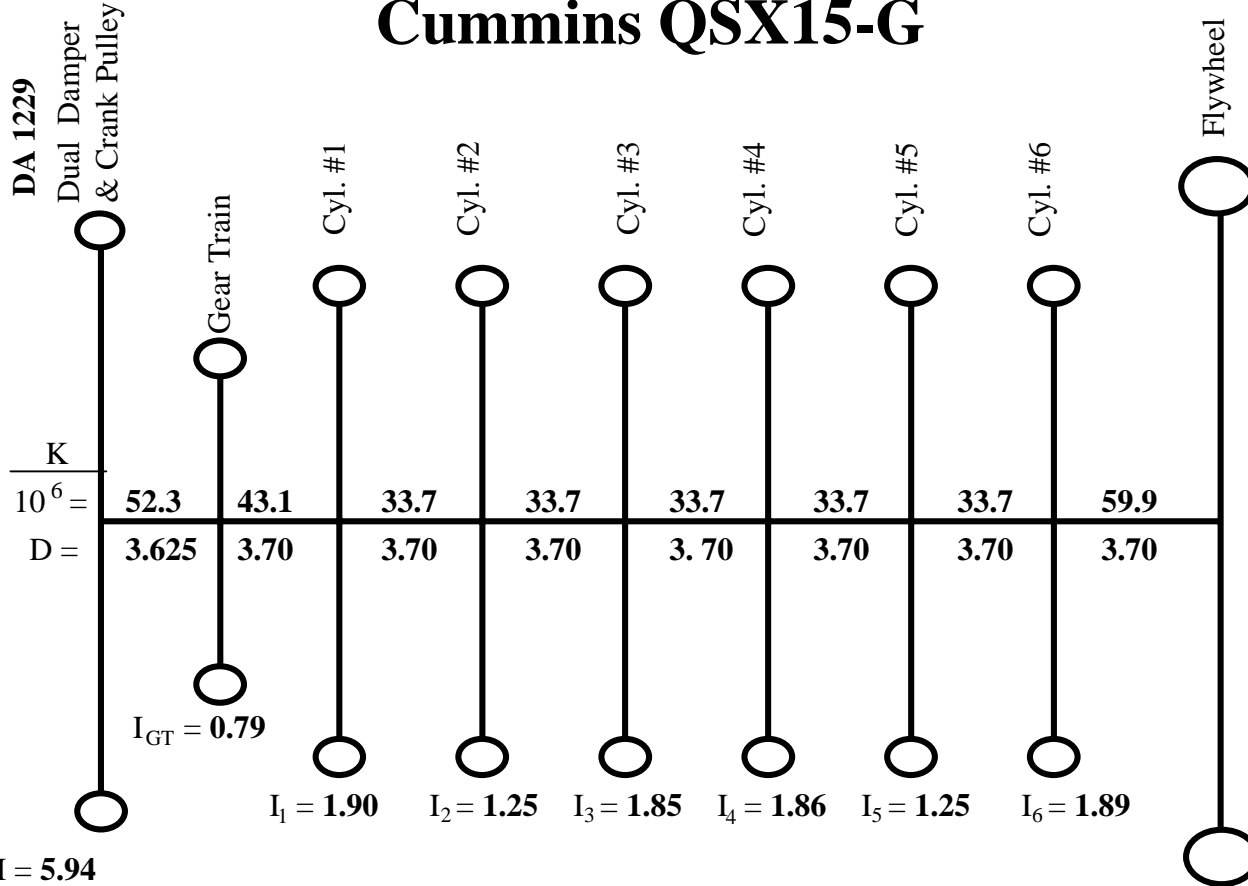


Mass Elastic System Cummins QSX15-G



Effective Inertia = Housing + Pulley + 1/2 Floating
 Housing Inertia = 3.44
 Floating Inertia = 4.51
 Pulley Inertia = 0.25
 Structural damping = 0.10
 Viscous damping = 1460

I = Mass Moment of Inertia (in-lb-sec²)
 K = Stiffness (in-lb/radian)
 D = Minimum Shaft Diameter (inches)

SAE 1: FW 1022: I_{FW} = 21.39
 SAE 0: FW 1025: I_{FW} = 53.23