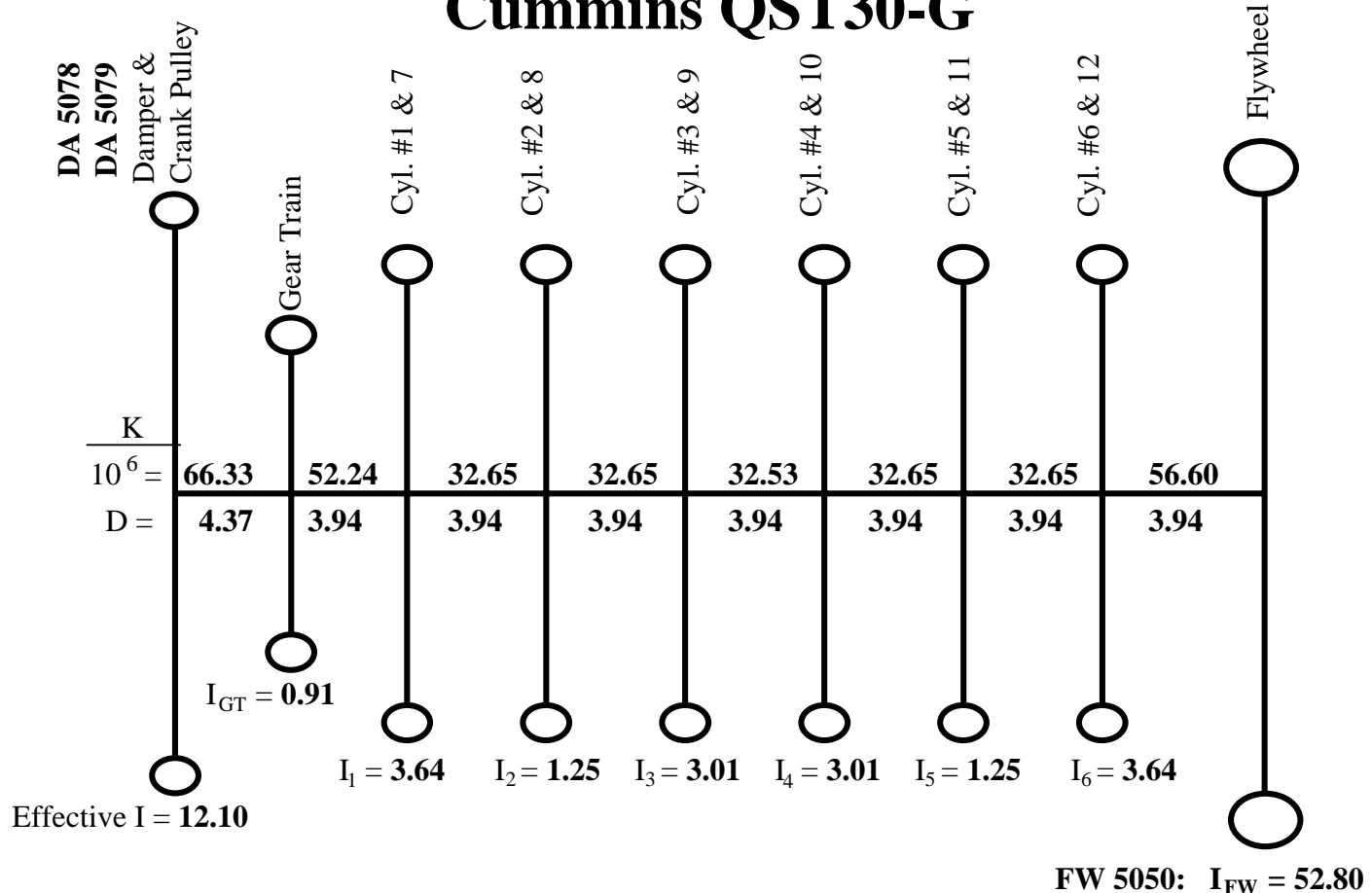


Mass Elastic System Cummins QST30-G



- Effective Inertia = Housing + Pulley + 1/2 Floating
- Housing Inertia = **6.64**
- Floating Inertia = **7.98**
- Pulley Inertia = **1.47**
- Structural damping = **0.30**
- Viscous damping = **3000**

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