static_error_K(sys)

Finds the static error constants of a system.

```
s = tf('s');
G = (s+1)/(s^2+3*s)
G =
   s + 1
  s^2 + 3 s
Continuous-time transfer function.
ELAB.static_error_K(G, true)
Static error constants:
  Position:
   As s \rightarrow 0, G(s) \rightarrow K_p = Inf
  Velocity:
   As s \to 0, s*G(s) \to K_v = 0.33
  Acceleration:
   As s -> 0, s^2*G(s) -> K_a = 0.00
Steady-state error e_ss:
 Step: 0 Ramp: 1/K Accel: Inf
ans = Inf
G = (s+2)*(s+3)/((s+1)*(s+4))
G =
 s^2 + 5 s + 6
  s^2 + 5 s + 4
Continuous-time transfer function.
ELAB.static_error_K(G, true)
Static error constants:
 Position:
   As s -> 0, G(s) -> K_p = 1.50
  Velocity:
   As s -> 0, s*G(s) -> K_v = 0.00
 Acceleration:
   As s -> 0, s^2*G(s) -> K_a = 0.00
Steady-state error e_ss:
 Step: 1/(1+K) Ramp: Inf Accel: Inf
ans = 1.5000
G = (s^4+4*s^3+3*s^2+s)/(3*s^4+6*s^3+2*s^2)
G =
  s^4 + 4 s^3 + 3 s^2 + s
```

Continuous-time transfer function.

ELAB.static_error_K(G,true);

```
Static error constants:
    Position:
        As s -> 0, G(s) -> K_p = Inf
Velocity:
        As s -> 0, s*G(s) -> K_v = 0.50
Acceleration:
        As s -> 0, s^2*G(s) -> K_a = 0.00
Steady-state error e_ss:
    Step: 0 Ramp: 0 Accel: 1/K
```