



CPD & LPD Series Actuator Application Worksheet

| | | | |
|--------------|----------------------|---------------|----------------------|
| Date | <input type="text"/> | Contact name | <input type="text"/> |
| Company | <input type="text"/> | Contact email | <input type="text"/> |
| Project Name | <input type="text"/> | | |

| | | | |
|-----------------|----------------------|------------------------------|-----------------------------|
| Max Stroke (in) | <input type="text"/> | Max Speed | <input type="text"/> (in/s) |
| Max Load (lbf) | <input type="text"/> | Qty to quote | <input type="text"/> |
| | | Long-term quantity potential | <input type="text"/> |

Brief application description

Load/Stroke profile for standard operating cycles

Extension: Compression or tension?

| load position | time (sec) | position (in) | load (lbf) | speed (in/s) (calculated) |
|---------------|------------|---------------|------------|---------------------------|
| 1 | 0.00 | 0.00 | 0.0 | 0.0 |
| 2 | 0.50 | 0.00 | 0.0 | 0.0 |
| 3 | 1.50 | 0.00 | 0.0 | 0.0 |
| 4 | 2.00 | 0.00 | 0.0 | 0.0 |
| 5 | 2.50 | 0.00 | 0.0 | 0.0 |
| 6 | 3.00 | 0.00 | 0.0 | 0.0 |
| 7 | 3.50 | 0.00 | 0.0 | 0.0 |
| 8 | 4.00 | 0.00 | 0.0 | 0.0 |
| 9 | 4.50 | 0.00 | 0.0 | 0.0 |
| 10 | 5.00 | 0.00 | 0.0 | 0.0 |
| 11 | 5.50 | 0.00 | 0.0 | 0.0 |
| 12 | 6.00 | 0.00 | 0.0 | 0.0 |
| 13 | 6.50 | 0.00 | 0.0 | 0.0 |
| 14 | 7.00 | 0.00 | 0.0 | 0.0 |
| 15 | 7.50 | 0.00 | 0.0 | 0.0 |
| 16 | 8.00 | 0.00 | 0.0 | 0.0 |
| 17 | 8.50 | 0.00 | 0.0 | 0.0 |

notes: Adjust the time column to fit your stroke. Be sure to cover the entire extension travel above and retraction travel below.
 Load includes the gravitational load (mass of mechanism being moved).

Insert/delete columns as needed.

Retraction:

Compression or tension?

| load postion | time (sec) | postion (in) | load (lbf) | speed (in/s) (calculated) |
|--------------|------------|--------------|------------|---------------------------|
| 1 | 0.00 | 0.00 | 0.0 | 0.0 |
| 2 | 0.50 | 0.00 | 0.0 | 0.0 |
| 3 | 1.50 | 0.00 | 0.0 | 0.0 |
| 4 | 2.00 | 0.00 | 0.0 | 0.0 |
| 5 | 2.50 | 0.00 | 0.0 | 0.0 |
| 6 | 3.00 | 0.00 | 0.0 | 0.0 |
| 7 | 3.50 | 0.00 | 0.0 | 0.0 |
| 8 | 4.00 | 0.00 | 0.0 | 0.0 |
| 9 | 4.50 | 0.00 | 0.0 | 0.0 |
| 10 | 5.00 | 0.00 | 0.0 | 0.0 |
| 11 | 5.50 | 0.00 | 0.0 | 0.0 |
| 12 | 6.00 | 0.00 | 0.0 | 0.0 |
| 13 | 6.50 | 0.00 | 0.0 | 0.0 |
| 14 | 7.00 | 0.00 | 0.0 | 0.0 |
| 15 | 7.50 | 0.00 | 0.0 | 0.0 |
| 16 | 8.00 | 0.00 | 0.0 | 0.0 |
| 17 | 8.50 | 0.00 | 0.0 | 0.0 |

Load/Stroke comments:

Life Requirement

Total # cycles
or
cycles/hour
hours/day
days/week
weeks/year
life req. (yrs)

Mounting:
Rod End:

Additonal Comments:

*** Please provide any drawings, CAD files, layouts, images, etc that would help determine

the most appropriate solution for your application. Thank you.

Email completed worksheet to sales@creativemotioncontrol.com