

# LUV-0-4W Cut Sheet



SureMotion LUV series v-carriage, single row ball bearing, 4-wheel, end seal, polyacetal/440C stainless steel. For use with SureMotion LUV-0 series guide tracks.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/LUV-0-4W>

## Technical Specifications

|                                |                                 |
|--------------------------------|---------------------------------|
| <b>Brand</b>                   | SureMotion                      |
| <b>Item</b>                    | V-carriage                      |
| <b>Series</b>                  | LUV                             |
| <b>Bearing Type</b>            | Single row ball bearing         |
| <b>Number of Wheels</b>        | 4                               |
| <b>Seal Type</b>               | End seal                        |
| <b>Material</b>                | Polyacetal/440C stainless steel |
| <b>Mass</b>                    | 60g                             |
| <b>Static Load Rating (CO)</b> | 46N                             |

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| <b>Lateral Load Rating (Lt)</b>      | 53N                                  |
| <b>Pitch Moment Load Rating (Mp)</b> | 21.1 N-m                             |
| <b>Yaw Moment Load Rating (My)</b>   | 1.8 N-m                              |
| <b>Roll Moment Load Rating (Mr)</b>  | 0.4 N-m                              |
| <b>For Use With</b>                  | SureMotion LUV-0 series guide tracks |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | None                                   |
| <b>UL Recognized File #</b> | None                                   |
| <b>UL Hazardous File #</b>  | None                                   |
| <b>CE</b>                   | <a href="#">View CE declarations</a>   |
| <b>CSA File #</b>           | None                                   |
| <b>RoHS Status</b>          | Yes (See CE Doc)                       |
| <b>EU REACH</b>             | <a href="#">View EU REACH document</a> |

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/LUV-0-4W.pdf>  
See store item page for other formats.