

LUV-1-5W Cut Sheet



SureMotion LUV series v-carriage, single row ball bearing, 5-wheel, end seal, polyacetal/440C stainless steel. For use with SureMotion LUV-1 series guide tracks.

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



<https://www.automationdirect.com/pn/LUV-1-5W>

Technical Specifications

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|--------------------------------|---------------------------------|
| Brand | SureMotion |
| Item | V-carriage |
| Series | LUV |
| Bearing Type | Single row ball bearing |
| Number of Wheels | 5 |
| Seal Type | End seal |
| Material | Polyacetal/440C stainless steel |
| Mass | 160g |
| Static Load Rating (CO) | 107N |

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| Lateral Load Rating (Lt) | 127N |
| Pitch Moment Load Rating (Mp) | 61.5 N-m |
| Yaw Moment Load Rating (My) | 5.1 N-m |
| Roll Moment Load Rating (Mr) | 1 N-m |
| For Use With | SureMotion LUV-1 series guide tracks |

Agency Approvals

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| UL Listed File # | None |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CE | View CE declarations |
| CSA File # | None |
| RoHS Status | Yes (See CE Doc) |
| EU REACH | View EU REACH document |

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/LUV-1-5W.pdf>
See store item page for other formats.