



## MATERIAL FACT SHEET

### 213645 LM-U2P2D-80M-2SS0

#### General Data

|                     |                                        |
|---------------------|----------------------------------------|
| Product Hierarchy   | IAK30214                               |
|                     | SERVO and Motion                       |
|                     | LM                                     |
| Ext. Material Group | 10 STANDARD ITEM                       |
| ABC Indicator       | C (Non-Stock Material / Make-to-Order) |

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000213645](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000213645)

#### FA-Servo-Motion: Linear Servo Motor

|                               |             |
|-------------------------------|-------------|
| Series                        | MELSERVO-J4 |
| Series (2)                    | MELSERVO-J5 |
| Type                          | LM-U2       |
| Rated Current (A)             | 13,1        |
| Protection Class              | IP00        |
| Maximum Speed (m/s)           | 2           |
| Side                          | PRIMARY     |
| Power supply capacity (kVA)   | 7,5         |
| Cooling method                | NATURAL     |
| Lenght (mm)                   | 526         |
| Rated thrust (N)              | 800         |
| Maximum thrust (N)            | 3200        |
| Magnetic attraction force (N) | 0           |
| Maximum current (A)           | 53,7        |

#### Product Dimensions & Weight

|             |     |
|-------------|-----|
| Width (mm)  | 49  |
| Height (mm) | 123 |
| Depth (mm)  | 526 |
| Weight (kg) | 5,5 |

#### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 0,0   |
| Width (cm)        | 0,0   |
| Height (cm)       | 0,0   |
| Gross Weight (kg) | 6,500 |
| Volume (cdm)      | 0,000 |

#### Stock Data

|                              |     |
|------------------------------|-----|
| Planned Delivery Time (Days) | 100 |
|------------------------------|-----|

#### Life Cycle

|             |                |
|-------------|----------------|
| Sales Start | 11.05.2008     |
| Predecessor | No Predecessor |

#### Additional Product Information

|                  |    |
|------------------|----|
| Battery included | NO |
|------------------|----|

#### Export Data

|                                          |            |
|------------------------------------------|------------|
| Legal Control (Dual Use List)            | Not Listed |
| Country of Origin                        | Japan (JP) |
| Preference Status (Supplier Declaration) | Non EU     |

#### Environmental

|                       |    |
|-----------------------|----|
| REACH Limit Exceeded  | NO |
| Dangerous Goods Class | NO |

|                            |           |
|----------------------------|-----------|
| Dangerous Goods Identifier | NO        |
| RoHS Compliance            | COMPLIANT |
| WEEE                       | B2B       |

### Conformity

|      |           |
|------|-----------|
| CE   | COMPLIANT |
| EAC  | COMPLIANT |
| UKCA | COMPLIANT |

### Documentation & Media Data

|                            |                                                                                                                                                                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manual URL Indicator       | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=LM-U2P2D-80M-2SS0&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=LM-U2P2D-80M-2SS0&amp;doc-lang=en</a> |
| Certificates URL Indicator | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=LM-U2P2D-80M-2SS0&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=LM-U2P2D-80M-2SS0&amp;doc-lang=en</a> |
| CAD URL Indicator          | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=LM-U2P2D-80M-2SS0&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=LM-U2P2D-80M-2SS0&amp;doc-lang=en</a> |

### Product Packaging

|                   |     |
|-------------------|-----|
| Cardboard (g)     | 308 |
| Other paper (g)   | 0   |
| Aluminum (g)      | 0   |
| Steel (g)         | 0   |
| Styrofoam (g)     | 0   |
| Other plastic (g) | 40  |
| Wood (g)          | 0   |
| Glass (g)         | 0   |
| Others (g)        | 0   |

### Compatible products

| Material               | Description / Price List Text / Classification                                                                                              |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">161559</a> | MR-EKCBL20M-H<br>Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 20m (motor shaft)<br>Class 100100508: FA-Servo-Motion: Cable     |
| <a href="#">161560</a> | MR-EKCBL30M-H<br>Encodercable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 30m (motor shaft)<br>Class 100100508: FA-Servo-Motion: Cable     |
| <a href="#">161572</a> | MR-ECNM<br>Encoder-connector-set for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR motor types<br>Class 100100509: FA-Servo-Motion: Connector            |
| <a href="#">192174</a> | MR-J3CN2<br>Encoder-connector-set (for CN2L)<br>Class 100100509: FA-Servo-Motion: Connector                                                 |
| 227110                 | MR-J3THMCN2<br>Connector set for thermistor and linear encoder<br>Class 100100509: FA-Servo-Motion: Connector                               |
| <a href="#">227973</a> | LM-U2S20-300-2SS0<br>Secondary Linear Servo Motor, 400/600/800N thrust,Length 300mm<br>Class 100100512: FA-Servo-Motion: Linear Servo Motor |
| <a href="#">229788</a> | MR-EKCBL50M-H<br>Encodercable; for HF-KP(B)/HF-MP(B), high-flex 50m (lead out motor shaft), IP20<br>Class 100100508: FA-Servo-Motion: Cable |
| <a href="#">246915</a> | MR-EKCBL5M-H<br>Encodercable; high-flex, 5m, IP20<br>Class 100100508: FA-Servo-Motion: Cable                                                |
| <a href="#">269075</a> | MR-EKCBL40M-H<br><br>Class 100100508: FA-Servo-Motion: Cable                                                                                |
| <a href="#">274005</a> | MR-J4THCBL03M<br>Juction Cable for MR-J4 with linear servo motor<br>Class 100100508: FA-Servo-Motion: Cable                                 |
| <a href="#">274005</a> | MR-J4THCBL03M<br>Juction Cable for MR-J4 with linear servo motor<br>Class 100100508: FA-Servo-Motion: Cable                                 |
| 482030                 | MR-EKCBL2M-H<br>Encoder cable; Highflexible; 2 m; IP20;<br>Class 100100508: FA-Servo-Motion: Cable                                          |