



## MATERIAL FACT SHEET

### 481798 HK-ST3524W

#### General Data

|                     |                                     |
|---------------------|-------------------------------------|
| Product Hierarchy   | IAK30232                            |
|                     | SERVO and Motion                    |
|                     | HK-ST                               |
| Ext. Material Group | 10 STANDARD ITEM                    |
| ABC Indicator       | B (Limited Availability from Stock) |

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000481798](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000481798)

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

|                            |                |
|----------------------------|----------------|
| Series                     | MELSERVO-J5    |
| Type                       | HK-ST          |
| Power Supply (V)           | 400            |
| Rated Capacity (kW)        | 3,5            |
| Inertia                    | MEDIUM INERTIA |
| Rated Torque (Nm)          | 16,7           |
| Maximum Torque (Nm)        | 50,1           |
| Rated Speed (rpm)          | 2000           |
| Maximum Speed (rpm)        | 3500           |
| Inertia (kg*cm2)           | 53,6           |
| Brake                      | NO             |
| Shaft Type                 | STRAIGHT SHAFT |
| Protection Class           | IP67           |
| Current Type               | AC             |
| Encoder Type               | 26-BIT         |
| Encoder Resolution (p/rev) | 67108864       |

#### Product Dimensions & Weight

|             |       |
|-------------|-------|
| Width (mm)  | 176   |
| Height (mm) | 228,8 |
| Depth (mm)  | 237,5 |
| Weight (kg) | 15    |

#### Logistic Dimensions & Gross Weight

|                   |        |
|-------------------|--------|
| Length (cm)       | 37,0   |
| Width (cm)        | 22,0   |
| Height (cm)       | 31,0   |
| Gross Weight (kg) | 16,906 |
| Volume (cdm)      | 25,234 |

#### Stock Data

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

#### Life Cycle

|             |                |
|-------------|----------------|
| Sales Start | 25.06.2019     |
| Predecessor | No Predecessor |

#### Additional Product Information

|                            |                  |
|----------------------------|------------------|
| Binding Tariff Information | DEBTI-10611/21-1 |
| BTI validity date          | 26.09.2024       |
| Battery included           | NO               |

#### Export Data

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

## Environmental

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

## Conformity

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

## Documentation & Media Data

|                            |                                                                                                                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manual URL Indicator       | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=HK-ST3524W&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=HK-ST3524W&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=HK-ST3524W&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=HK-ST3524W&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=HK-ST3524W&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=HK-ST3524W&amp;doc-lang=en</a> |

## Product Packaging

|                   |      |
|-------------------|------|
| Cardboard (g)     | 1100 |
| Other paper (g)   | 0    |
| Aluminum (g)      | 0    |
| Steel (g)         | 0    |
| Styrofoam (g)     | 0    |
| Other plastic (g) | 43,4 |
| Wood (g)          | 0    |
| Glass (g)         | 0    |
| Others (g)        | 1    |

## Spare parts

| Material               | Description                              | Quantity | Unit |
|------------------------|------------------------------------------|----------|------|
| <a href="#">191246</a> | HF-SP202/352/502/702(B) O-RING P-BR/WEIG | 1        | PC   |
| <a href="#">191239</a> | HF-SP202/352/502/702(B) PRE LOAD SPRING  | 1        | PC   |
| <a href="#">191248</a> | HF-SP52 up to 702(B) JOINT OLDHAM        | 1        | PC   |

## Compatible products

| Material               | Description / Price List Text / Classification                                                                                                     |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">160226</a> | MR-J3ENCBL2M-H<br>Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex., 2m, IP67<br>Class 100100508: FA-Servo-Motion: Cable    |
| <a href="#">161563</a> | MR-J3ENCBL5M-H<br>Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex., 5m, IP67<br>Class 100100508: FA-Servo-Motion: Cable    |
| <a href="#">161564</a> | MR-J3ENCBL10M-H<br>Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex., 10m, IP67<br>Class 100100508: FA-Servo-Motion: Cable  |
| <a href="#">161567</a> | MR-J3ENCBL2M-L<br>Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 2m, IP67<br>Class 100100508: FA-Servo-Motion: Cable                |
| <a href="#">161568</a> | MR-J3ENCBL5M-L<br>Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 5m, IP67<br>Class 100100508: FA-Servo-Motion: Cable                |
| <a href="#">161569</a> | MR-J3ENCBL10M-L<br>Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 10m, IP67<br>Class 100100508: FA-Servo-Motion: Cable              |
| <a href="#">161574</a> | MR-PWCNS5<br>Power Connector Set for HG-SR, HG-JR, HK-ST, KT-RT<br>Class 100100509: FA-Servo-Motion: Connector                                     |
| <a href="#">161576</a> | MR-J3SCNS<br>Encoder-Connector-Set for HF-SE/SN/SP/JP, HG-JR/SN/SR, HK-ST/RT motor, (Straight)<br>Class 100100509: FA-Servo-Motion: Connector      |
| <a href="#">207465</a> | PCS025N-02.0-0C5<br>Power cable for HG-SR2024, HK-ST202(4)W/3524W, HK-RT3534W/5034W/7034W highflex., 2m<br>Class 100100508: FA-Servo-Motion: Cable |
| <a href="#">207467</a> | PCS025N-05.0-0C5<br>Power cable for HG-SR2024, HK-ST202(4)W/3524W, HK-RT3534W/5034W/7034W highflex., 5m<br>Class 100100508: FA-Servo-Motion: Cable |

| Material               | Description / Price List Text / Classification                                                                                                  |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">207468</a> | PCS025N-10.0-0C5<br>Power cable for HG-SR2024,HK-ST202(4)W/3524W,HK-RT3534W/5034W/7034W highflex.10m<br>Class 100100508: FA-Servo-Motion: Cable |
| <a href="#">207469</a> | PCS025N-20.0-0C5<br>Power cable for HG-SR2024,HK-ST202(4)W/3524W,HK-RT3534W/5034W/7034W highflex.20m<br>Class 100100508: FA-Servo-Motion: Cable |
| <a href="#">207470</a> | PCS025N-30.0-0C5<br>Power cable for HG-SR2024,HK-ST202(4)W/3524W,HK-RT3534W/5034W/7034W highflex.30m<br>Class 100100508: FA-Servo-Motion: Cable |
| <a href="#">227425</a> | MR-J3SCNSA<br>Encoder-Connector-Set for HF-SE/SN/SP/JP, HG-JR/SN/SR, HK-ST/RT motor, (Angle)<br>Class 100100509: FA-Servo-Motion: Connector     |
| <a href="#">248686</a> | MR-ENCNS2<br>Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Straight Type)<br>Class 100100509: FA-Servo-Motion: Connector            |
| <a href="#">248687</a> | MR-ENCNS2A<br>Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Angle Type)<br>Class 100100509: FA-Servo-Motion: Connector              |
| <a href="#">482062</a> | MR-AENSCBL20M-H<br>Encoder cable for HK-KT/ST; Highflexible; 20 m; IP67<br>Class 100100508: FA-Servo-Motion: Cable                              |
| <a href="#">482063</a> | MR-AENSCBL30M-H<br>Encoder cable for HK-KT/ST; Highflexible; 30 m; IP67<br>Class 100100508: FA-Servo-Motion: Cable                              |
| <a href="#">482064</a> | MR-AENSCBL40M-H<br>Encoder cable for HK-KT/ST; Highflexible; 40 m; IP67<br>Class 100100508: FA-Servo-Motion: Cable                              |
| <a href="#">482065</a> | MR-AENSCBL50M-H<br>Encoder cable for HK-KT/ST; Highflexible; 50 m; IP67<br>Class 100100508: FA-Servo-Motion: Cable                              |
| <a href="#">482066</a> | MR-AENSCBL20M-L<br>Encoder cable for HK-KT/ST; Standard; 20 m; IP67<br>Class 100100508: FA-Servo-Motion: Cable                                  |
| <a href="#">482067</a> | MR-AENSCBL30M-L<br>Encoder cable for HK-KT/ST; Standard; 30 m; IP67<br>Class 100100508: FA-Servo-Motion: Cable                                  |
| <a href="#">482069</a> | MR-APWCNS5<br>Power connector set for HK-ST202(4)W, 352(4)W,5024W; IP67<br>Class 100100509: FA-Servo-Motion: Connector                          |