



## MATERIAL FACT SHEET

### 282647 HG-SN302JK

#### General Data

|                     |                                     |
|---------------------|-------------------------------------|
| Product Hierarchy   | IAK30227                            |
|                     | SERVO and Motion                    |
|                     | HG-SN                               |
| 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/000000000000282647](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000282647)

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

|                               |                |
|-------------------------------|----------------|
| Series                        | MELSERVO-JE    |
| Type                          | HG-SN          |
| Power Supply (V)              | 200            |
| Rated Capacity (kW)           | 3              |
| Inertia                       | MEDIUM INERTIA |
| Rated Torque (Nm)             | 14,3           |
| Maximum Torque (Nm)           | 42,9           |
| Rated Speed (rpm)             | 2000           |
| Maximum Speed (rpm)           | 2500           |
| Inertia (kg*cm <sup>2</sup> ) | 78,6           |
| Brake                         | NO             |
| Shaft Type                    | KEYWAY         |
| Protection Class              | IP67           |
| Current Type                  | AC             |
| Encoder Type                  | 17-BIT         |
| Encoder Resolution (p/rev)    | 131072         |

#### Product Dimensions & Weight

|             |       |
|-------------|-------|
| Width (mm)  | 176   |
| Height (mm) | 228,9 |
| Depth (mm)  | 241,5 |
| Weight (kg) | 16    |

#### Logistic Dimensions & Gross Weight

|                   |        |
|-------------------|--------|
| Length (cm)       | 36,0   |
| Width (cm)        | 21,0   |
| Height (cm)       | 30,0   |
| Gross Weight (kg) | 16,000 |
| Volume (cdm)      | 22,680 |

#### Stock Data

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

#### Life Cycle

|             |                     |
|-------------|---------------------|
| Sales Start | 15.12.2014          |
| Predecessor | 269030 / HF-SN302JK |

#### 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       | YES                      |
| REACH Substance CAS Number | <a href="#">127-19-5</a> |
| Dangerous Goods Class      | NO                       |
| Dangerous Goods Identifier | NO                       |
| RoHS Compliance            | COMPLIANT                |
| WEEE                       | B2B                      |

### Conformity

|        |           |
|--------|-----------|
| CE     | COMPLIANT |
| UL/cUL | 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=HG-SN302JK&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=HG-SN302JK&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=HG-SN302JK&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=HG-SN302JK&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=HG-SN302JK&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=HG-SN302JK&amp;doc-lang=en</a> |

### Product Packaging

|                   |      |
|-------------------|------|
| Cardboard (g)     | 1100 |
| Other paper (g)   | 35   |
| Aluminum (g)      | 0    |
| Steel (g)         | 0    |
| Styrofoam (g)     | 0    |
| Other plastic (g) | 28   |
| Wood (g)          | 0    |
| Glass (g)         | 0    |
| Others (g)        | 0    |