



## MATERIAL FACT SHEET

### 262897 HG-RR153

#### General Data

|                     |                                     |
|---------------------|-------------------------------------|
| Product Hierarchy   | IAK30225                            |
|                     | SERVO and Motion                    |
|                     | HG-RR                               |
| 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/000000000000262897](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000262897)

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

|                            |                   |
|----------------------------|-------------------|
| Series                     | MELSERVO-J4       |
| Type                       | HG-RR             |
| Power Supply (V)           | 200               |
| Rated Capacity (kW)        | 1,5               |
| Inertia                    | ULTRA-LOW INERTIA |
| Rated Torque (Nm)          | 4,8               |
| Maximum Torque (Nm)        | 11,9              |
| Rated Speed (rpm)          | 3000              |
| Maximum Speed (rpm)        | 4500              |
| Inertia (kg*cm2)           | 1,9               |
| Brake                      | NO                |
| Shaft Type                 | STRAIGHT SHAFT    |
| Protection Class           | IP65              |
| Current Type               | AC                |
| Encoder Type               | 22-BIT            |
| Encoder Resolution (p/rev) | 4194304           |

#### Product Dimensions & Weight

|             |       |
|-------------|-------|
| Width (mm)  | 100   |
| Height (mm) | 144,8 |
| Depth (mm)  | 215,5 |
| Weight (kg) | 5     |

#### Logistic Dimensions & Gross Weight

|                   |        |
|-------------------|--------|
| Length (cm)       | 51,0   |
| Width (cm)        | 16,0   |
| Height (cm)       | 22,0   |
| Gross Weight (kg) | 6,272  |
| Volume (cdm)      | 17,952 |

#### Stock Data

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

#### Life Cycle

|             |                   |
|-------------|-------------------|
| Sales Start | 09.06.2013        |
| Predecessor | 168668 / HC-RP153 |

#### Additional Product Information

|                          |                     |
|--------------------------|---------------------|
| Difference to Standard 1 | RATED SPEED 3000RPM |
| 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 |
| 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-RR153&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=HG-RR153&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-RR153&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=HG-RR153&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-RR153&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=HG-RR153&amp;doc-lang=en</a> |

### Product Packaging

|                   |      |
|-------------------|------|
| Cardboard (g)     | 1200 |
| Other paper (g)   | 0    |
| Aluminum (g)      | 0    |
| Steel (g)         | 0    |
| Styrofoam (g)     | 0    |
| Other plastic (g) | 6,7  |
| Wood (g)          | 0    |
| Glass (g)         | 0    |
| Others (g)        | 1    |

### Spare parts

| Material               | Description                              | Quantity | Unit |
|------------------------|------------------------------------------|----------|------|
| <a href="#">201607</a> | HC-SF(S)52/152 HC-RF(S)103/203 CONNECTOR | 1        | PC   |
| <a href="#">607516</a> | HG-RR/UR 103(B)-503(B) ENC. SET. OSA24R  | 1        | PC   |
| <a href="#">191248</a> | HF-SP52 up to 702(B) JOINT OLDHAM        | 1        | PC   |
| <a href="#">191249</a> | HF-SP52 up to 702(B) JOINT TORQUE DISC   | 1        | PC   |