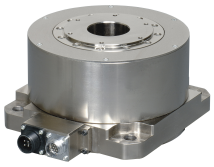
**MITSUBISHI ELECTRIC EUROPE B.V.**

Industrial Automation
Mitsubishi-Electric-Platz 1 40882 Ratingen Deutschland
Telefon +49 (0) 2102 486-0 Fax +49 (0) 2102 486-1120
https://emea.mitsubishielectric.com/fa



# MATERIAL FACT SHEET

## 232897 TM-RFM004C20

### General Data

| | |
|---|---|
| Product Hierarchy | IAK30217 |
| | SERVO and Motion |
| | TM Torque Motor |
| 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/000000000000232897

### FA-Servo-Motion: Servo Motor

| | |
|---|---|
| Series | MELSERVO-J4 |
| Series (2) | MELSERVO-J5 |
| Type | TM-RFM |
| Power Supply (V) | 200 |
| Rated Capacity (kW) | 0,084 |
| Rated Torque (Nm) | 4 |
| Maximum Torque (Nm) | 12 |
| Rated Speed (rpm) | 200 |
| Maximum Speed (rpm) | 500 |
| Inertia (kg*cm2) | 16,6 |
| Brake | NO |
| Shaft Type | STRAIGHT SHAFT |
| Protection Class | IP42 |
| Current Type | AC |
| Encoder Type | 20-BIT |
| Encoder Resolution (p/rev) | 1048576 |

### Product Dimensions & Weight

| | |
|---|---|
| Width (mm) | 130 |
| Height (mm) | 181,9 |
| Depth (mm) | 80,5 |
| Weight (kg) | 6,8 |

### Logistic Dimensions & Gross Weight

| | |
|---|---|
| Length (cm) | 46,0 |
| Width (cm) | 29,0 |
| Height (cm) | 26,0 |
| Gross Weight (kg) | 8,510 |
| Volume (cdm) | 34,684 |

### Stock Data

| | |
|---|---|
| Planned Delivery Time (Days) | 156 |

### Life Cycle

| | |
|---|---|
| Sales Start | 09.06.2010 |
| 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 |
| UKCA | COMPLIANT |

## Documentation & Media Data

| | |
|---|---|
| Manual URL Indicator | https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=TM-RFM004C20&doc-lang=en |
| Certificates URL Indicator | https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=TM-RFM004C20&doc-lang=en |
| CAD URL Indicator | https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=TM-RFM004C20&doc-lang=en |

## Product Packaging

| | |
|---|---|
| Cardboard (g) | 500 |
| 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 |
|---|---|
| 64037 | MR-PWCNF<br>Power connector for HA-FF EC motors<br>Class 100100509: FA-Servo-Motion: Connector |
| 227979 | MR-J3DDCNS<br>Encoder-connector-set for TM-RF<br>Class 100100509: FA-Servo-Motion: Connector |
| 227980 | MR-J3DDSPS<br>Encoder-connector-set for TM-RF und MR-BTAS01<br>Class 100100509: FA-Servo-Motion: Connector |
| 227981 | MR-BTAS01<br>Absolute unit<br>Class 100100510: FA-Servo-Motion: Other Option |