



## MATERIAL FACT SHEET

### 261445 HG-JR534

#### General Data

Product Hierarchy	IAK30223
	SERVO and Motion
	HG-JR
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: <https://emea-fa.mitsubishielectric.com/fa/shop/material-page/00000000000261445>

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

Series	MELSERVO-J4
Type	HG-JR
Power Supply (V)	400
Rated Capacity (kW)	0,5
Inertia	LOW INERTIA
Rated Torque (Nm)	1,6
Maximum Torque (Nm)	4,8
Rated Speed (rpm)	3000
Maximum Speed (rpm)	6000
Inertia (kg*cm <sup>2</sup> )	1,52
Brake	NO
Shaft Type	STRAIGHT SHAFT
Protection Class	IP67
Current Type	AC
Encoder Type	22-BIT
Encoder Resolution (p/rev)	4194304

#### Product Dimensions & Weight

Width (mm)	90
Height (mm)	138,8
Depth (mm)	167,5
Weight (kg)	3

#### Logistic Dimensions & Gross Weight

Length (cm)	33,0
Width (cm)	19,5
Height (cm)	23,0
Gross Weight (kg)	3,743
Volume (cdm)	14,801

#### Stock Data

Planned Delivery Time (Days)	119
------------------------------	-----

#### Life Cycle

Sales Start	02.06.2013
Predecessor	227015 / HF-JP534 0.5KW 3000RPM

#### Additional Product Information

Binding Tariff Information	DEBTI-10870/26-1
BTI validity date	14.05.2029
Battery included	NO
Product Code	SERVO

#### Export Data

Commodity Code	85015100
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-JR534&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=HG-JR534&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-JR534&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=HG-JR534&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-JR534&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=HG-JR534&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	660
Other paper (g)	0,5
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	6,9
Wood (g)	0
Glass (g)	0
Others (g)	1

### Spare parts

Material	Description	Quantity	Unit
191212	HF-SP52/102/152(B) CONNECTOR PIN	3	PC
<a href="#">342833</a>	HG-JR53-203(4)(B)(W0C) P BRACKET	1	PC
<a href="#">342834</a>	HG-JR53-203(4)(B)(W0C) O BRACKET	1	PC
<a href="#">191227</a>	HF-SP52/102/152(B) CONNECTOR POWER	1	PC
<a href="#">342839</a>	HG-JR53-203(4)(B)(W0C) BEARING 2	1	PC
<a href="#">342840</a>	HG-JR53-203(4)(B)(W0C) BEARING 3	1	PC
<a href="#">342841</a>	HG-JR53-203(4)(B)(W0C) OIL SEAL	1	PC
<a href="#">278646</a>	HG-SR-51A/B - 702A/B ENCODER SET	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
191251	HF-SP52 up to 702(B) BOLT M4x14	4	PC

### Compatible products

Material	Description / Price List Text / Classification
<a href="#">160226</a>	MR-J3ENSCBL2M-H Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex., 2m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161563</a>	MR-J3ENSCBL5M-H Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex., 5m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161564</a>	MR-J3ENSCBL10M-H Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; high flex., 10m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161565</a>	MR-J3ENSCBL20M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 20m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161566</a>	MR-J3ENSCBL30M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 30m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161567</a>	MR-J3ENSCBL2M-L Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 2m, IP67 Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
<a href="#">161568</a>	MR-J3ENSCBL5M-L Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 5m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161569</a>	MR-J3ENSCBL10M-L Encoder cable; for HC-RP, HF-SN/SP/JP, HG-SN/SR, HK-KT/RT/ST; 10m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161570</a>	MR-J3ENSCBL20M-L Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, 20m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161571</a>	MR-J3ENSCBL30M-L Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, 30m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">161576</a>	MR-J3SCNS Encoder-Connector-Set for HF-SE/SN/SP/JP, HG-JR/SN/SR, HK-ST/RT motor, (Straight) Class 100100509: FA-Servo-Motion: Connector
<a href="#">202275</a>	PCS015N-02.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex., 2m Class 100100508: FA-Servo-Motion: Cable
<a href="#">202276</a>	PCS015N-05.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex., 5m Class 100100508: FA-Servo-Motion: Cable
<a href="#">202277</a>	PCS015N-10.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex., 10m Class 100100508: FA-Servo-Motion: Cable
<a href="#">202278</a>	PCS015N-20.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex., 20m Class 100100508: FA-Servo-Motion: Cable
<a href="#">202279</a>	PCS015N-30.0-0C4 Power cable for HG-SR52, HK-ST52(4)W/102(4)W/1724W/2024W/3024W; high flex., 30m Class 100100508: FA-Servo-Motion: Cable
<a href="#">227425</a>	MR-J3SCNSA Encoder-Connector-Set for HF-SE/SN/SP/JP, HG-JR/SN/SR, HK-ST/RT motor, (Angle) Class 100100509: FA-Servo-Motion: Connector
<a href="#">244812</a>	MR-J3ENSCBL50M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 50m, IP67 Class 100100508: FA-Servo-Motion: Cable
<a href="#">248686</a>	MR-ENCNS2 Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Straight Type) Class 100100509: FA-Servo-Motion: Connector
<a href="#">248687</a>	MR-ENCNS2A Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Angle Type) Class 100100509: FA-Servo-Motion: Connector
258932	PCS015N-06.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 6m Class 100100508: FA-Servo-Motion: Cable
<a href="#">258933</a>	PCS015N-08.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 8m Class 100100508: FA-Servo-Motion: Cable
<a href="#">258934</a>	PCS015N-12.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 12m Class 100100508: FA-Servo-Motion: Cable
258935	PCS015N-13.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 13m Class 100100508: FA-Servo-Motion: Cable
<a href="#">258936</a>	PCS015N-15.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 15m Class 100100508: FA-Servo-Motion: Cable
258937	PCS015N-16.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 16m Class 100100508: FA-Servo-Motion: Cable
258938	PCS015N-18.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 18m Class 100100508: FA-Servo-Motion: Cable
<a href="#">269076</a>	MR-J3ENSCBL40M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 40m, IP67 Class 100100508: FA-Servo-Motion: Cable
333209	PCS015N-50.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 50m Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
486871	PCS015N-55.0-0C4 Power cable; for HG-SR52, HF-SN/SP52, HF-SP524-1524, HF-JP534-1034, high flex., 55m Class 100100508: FA-Servo-Motion: Cable