



## MATERIAL FACT SHEET

### 261435 HG-SR3524

#### General Data

Product Hierarchy	IAK30222
	SERVO and Motion
	HG-SR
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000261435](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000261435)

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

Series	MELSERVO-J4
Type	HG-SR
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)	3000
Inertia (kg*cm <sup>2</sup> )	78,6
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)	176
Height (mm)	228,9
Depth (mm)	241,5
Weight (kg)	16

#### Logistic Dimensions & Gross Weight

Length (cm)	36,5
Width (cm)	22,0
Height (cm)	31,0
Gross Weight (kg)	16,000
Volume (cdm)	24,893

#### Stock Data

Planned Delivery Time (Days)	72
------------------------------	----

#### Life Cycle

Sales Start	02.06.2013
Predecessor	192056 / HF-SP3524 3.5KW 2000RPM

#### Additional Product Information

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

#### Export Data

Commodity Code	85015220
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	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;docs=bltdae25c2bd5f2f94&amp;q=HG-SR3524&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;docs=bltdae25c2bd5f2f94&amp;q=HG-SR3524&amp;doc-lang=en</a>
Certificates URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;docs=blt8050dd1408c11cc2&amp;q=HG-SR3524&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;docs=blt8050dd1408c11cc2&amp;q=HG-SR3524&amp;doc-lang=en</a>
CAD URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;docs=blt26ecc97a31a841c1&amp;q=HG-SR3524&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;docs=blt26ecc97a31a841c1&amp;q=HG-SR3524&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)	24
Wood (g)	0
Glass (g)	0
Others (g)	0

### Spare parts

Material	Description	Quantity	Unit
191213	HF-SP202/352/502(B) CONNECTOR PIN	3	PC
<a href="#">278629</a>	HG-SR-121 - 502 P-BRACKET	1	PC
<a href="#">278631</a>	HG-SR-121 - 502 O-BRACKET	1	PC
<a href="#">191224</a>	HF-SP202/352/502/702(B) O-RING FOR FRAME	2	PC
<a href="#">191226</a>	HF-SP202/352/502/702(B) O-RING FOR MOUNT	1	PC
<a href="#">191228</a>	HF-SP202/352/502(B) CONNECTOR POWER	1	PC
191231	HF-SP202/352/502(B) O-RING FOR CONNECTOR	1	PC
<a href="#">191239</a>	HF-SP202/352/502/702(B) PRE LOAD SPRING	1	PC
<a href="#">191242</a>	HF-SP202/352/502/702(B) BEARING EP6208ZZ	1	PC
<a href="#">332677</a>	HG-SR121-702(4)/(B)(W0C) BEARING	1	PC
<a href="#">191246</a>	HF-SP202/352/502/702(B) O-RING P-BR/WEIG	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
191250	HF-SP52 up to 702(B) O-RING FOR ENCODER	1	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
258936	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
<a href="#">258937</a>	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
<a href="#">333209</a>	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
<a href="#">486871</a>	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