



## MATERIAL FACT SHEET

### 248677 HG-SR702

#### General Data

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

e-shop: <https://emea.mitsubishielectric.com/fa/shop/material-page/000000000000248677>

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

Series	MELSERVO-J4
Type	HG-SR
Power Supply (V)	200
Rated Capacity (kW)	7
Inertia	MEDIUM INERTIA
Rated Torque (Nm)	33,4
Maximum Torque (Nm)	100
Rated Speed (rpm)	2000
Maximum Speed (rpm)	3000
Inertia (kg*cm <sup>2</sup> )	151
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)	237,1
Depth (mm)	297,5
Weight (kg)	27

#### Logistic Dimensions & Gross Weight

Length (cm)	48,0
Width (cm)	28,0
Height (cm)	23,0
Gross Weight (kg)	28,600
Volume (cdm)	30,912

#### Stock Data

Planned Delivery Time (Days)	91
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#### Life Cycle

Sales Start	11.04.2012
Predecessor	161531 / HF-SP702

#### Additional Product Information

Binding Tariff Information	DEBTI-10967/26-1
BTI validity date	17.05.2029
Battery included	NO
Product Code	SERVO

#### 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
EAC	COMPLIANT
UKCA	COMPLIANT

### Documentation & Media Data

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=HG-SR702&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=HG-SR702&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-SR702&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=HG-SR702&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-SR702&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=HG-SR702&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	1480
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	7,4
Wood (g)	0
Glass (g)	0
Others (g)	1

### Spare parts

Material	Description	Quantity	Unit
<a href="#">191214</a>	HF-SP702(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="#">191229</a>	HF-SP702(B) CONNECTOR POWER	1	PC
<a href="#">191232</a>	HF-SP702(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
<a href="#">191250</a>	HF-SP52 up to 702(B) O-RING FOR ENCODER	1	PC
<a href="#">755677</a>	HG-SNS52(B)-SNS302(B) BEARING BRACKET	1	PC

### Compatible products

Material	Description / Price List Text / Classification
<a href="#">136358</a>	MR-PWCNS3 Power Connector Set for HF-SP,HG-SR702/7024, HG-JR703/7034/903/9034 motor Class 100100509: FA-Servo-Motion: Connector
<a href="#">150771</a>	PCS100N-02.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 2m Class 100100508: FA-Servo-Motion: Cable
<a href="#">150772</a>	PCS100N-05.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 5m Class 100100508: FA-Servo-Motion: Cable
<a href="#">150819</a>	PCS100N-10.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 10m Class 100100508: FA-Servo-Motion: Cable
<a href="#">150821</a>	PCS100N-20.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 20m Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
<a href="#">150822</a>	PCS100N-30.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 30m Class 100100508: FA-Servo-Motion: Cable
<a href="#">160226</a>	MR-J3ENCSCBL2M-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-J3ENCSCBL5M-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-J3ENCSCBL10M-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-J3ENCSCBL20M-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-J3ENCSCBL30M-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-J3ENCSCBL2M-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
<a href="#">161568</a>	MR-J3ENCSCBL5M-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-J3ENCSCBL10M-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-J3ENCSCBL20M-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-J3ENCSCBL30M-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
202110	PCS100N-45.0-0C3 Power cable; for HG-SR702,HC-SFS702(4),HF-SP702(4), high flexible, 45m 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-J3ENCSCBL50M-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
<a href="#">269076</a>	MR-J3ENCSCBL40M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 40m, IP67 Class 100100508: FA-Servo-Motion: Cable