



MATERIAL FACT SHEET

261432 HG-SR1024

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/000000000000261432

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J4
Type	HG-SR
Power Supply (V)	400
Rated Capacity (kW)	1
Inertia	MEDIUM INERTIA
Rated Torque (Nm)	4,8
Maximum Torque (Nm)	14,3
Rated Speed (rpm)	2000
Maximum Speed (rpm)	3000
Inertia (kg*cm ²)	11,6
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)	130
Height (mm)	177,5
Depth (mm)	187,5
Weight (kg)	6,2

Logistic Dimensions & Gross Weight

Length (cm)	31,5
Width (cm)	16,0
Height (cm)	23,0
Gross Weight (kg)	6,270
Volume (cdm)	11,592

Stock Data

Planned Delivery Time (Days)	72
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Life Cycle

Sales Start	02.06.2013
Predecessor	192043 / HF-SP1024 1KW 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
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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=bltdae25c2bd5f2f94&q=HG-SR1024&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HG-SR1024&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HG-SR1024&doc-lang=en

Product Packaging

Cardboard (g)	530
Other paper (g)	35
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	23
Wood (g)	0
Glass (g)	0
Others (g)	0

Spare parts

Material	Description	Quantity	Unit
191212	HF-SP52/102/152(B) CONNECTOR PIN	3	PC
278628	HG-SR-51 - 152 P-BRACKET	1	PC
278630	HG-SR-51 - 152 O-BRACKET	1	PC
191223	HF-SP52/102/152(B) O-RING FOR FRAME/BRAK	2	PC
191225	HF-SP52/102/152(B) O-RING FOR MOUNT/BRAC	1	PC
191227	HF-SP52/102/152(B) CONNECTOR POWER	1	PC
191230	HF-SP52/102/152(B) O-ring for connector	1	PC
191238	HF-SP52/102/152(B) PRE LOAD SPRING	1	PC
191240	HF-SP52/102/152(B) BEARING TMB206ZZ	1	PC
332676	HG-SR51-152(4)/(B)(W0C) BEARING	1	PC
191245	HF-SP52/102/152(B) O-RINGP-BR/WEIGHT	1	PC
278646	HG-SR-51A/B - 702A/B ENCODER SET	1	PC
191248	HF-SP52 up to 702(B) JOINT OLDHAM	1	PC
191249	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
160226	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
161563	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
161564	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
161565	MR-J3ENSCBL20M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 20m, IP67 Class 100100508: FA-Servo-Motion: Cable
161566	MR-J3ENSCBL30M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 30m, IP67 Class 100100508: FA-Servo-Motion: Cable
161567	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
161568	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
161569	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
161570	MR-J3ENSCBL20M-L Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, 20m, IP67 Class 100100508: FA-Servo-Motion: Cable
161571	MR-J3ENSCBL30M-L Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, 30m, IP67 Class 100100508: FA-Servo-Motion: Cable
161576	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
202275	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
202276	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
202277	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
202278	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
202279	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
227425	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
244812	MR-J3ENSCBL50M-H Encoder cable; for HC-RP, HF-SN,-SP,-JP, HG-SN,-SR, highflexible, 50m, IP67 Class 100100508: FA-Servo-Motion: Cable
248686	MR-ENCNS2 Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Straight Type) Class 100100509: FA-Servo-Motion: Connector
248687	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
258933	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
258934	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
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
269076	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