



MATERIAL FACT SHEET

261438 HG-SR524B

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://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000261438

FA-Servo-Motion: Servo Motor

Series	MELSERVO-J4
Type	HG-SR
Power Supply (V)	400
Rated Capacity (kW)	0,5
Inertia	MEDIUM INERTIA
Rated Torque (Nm)	2,4
Maximum Torque (Nm)	7,2
Rated Speed (rpm)	2000
Maximum Speed (rpm)	3000
Inertia (kg*cm ²)	9,48
Brake	YES
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)	208
Weight (kg)	6,7

Logistic Dimensions & Gross Weight

Length (cm)	32,0
Width (cm)	16,0
Height (cm)	23,5
Gross Weight (kg)	6,900
Volume (cdm)	12,032

Stock Data

Planned Delivery Time (Days)	72
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Life Cycle

Sales Start	02.06.2013
Predecessor	200975 / HF-SP524B 0.5KW 2000RPM

Additional Product Information

Binding Tariff Information	DEBTI-10610/21-1
BTI validity date	26.09.2024
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=HG-SR524B&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=HG-SR524B&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=HG-SR524B&doc-lang=en

Product Packaging

Cardboard (g)	530
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
191212	HF-SP52/102/152(B) CONNECTOR PIN	3	PC
278628	HG-SR-51 - 152 P-BRACKET	1	PC
278632	HG-SR-51B - 152B O-BRACKET	1	PC
191223	HF-SP52/102/152(B) O-RING FOR FRAME/BRAK	3	PC
191225	HF-SP52/102/152(B) O-RING FOR MOUNT/BRAK	1	PC
191227	HF-SP52/102/152(B) CONNECTOR POWER	1	PC
191230	HF-SP52/102/152(B) O-ring for connector	1	PC
278634	HG-SR-51B - 152B/702B BRAKE	1	PC
278647	HG-SR-51B - 152B BRAKE KEY	1	PC
278649	HG-SR-51B - 152B COVER BRAKE	1	PC
333980	HG-SN52-302BJ CONNECTOR BRAKE	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

Material	Description / Price List Text / Classification
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
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
161575	MR-BKCNS1 Brake-Connector-Set for HF-SE/SN/SP/JP, HG-SN/SR, HK-ST/RT motor Class 100100509: FA-Servo-Motion: Connector
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
202249	BCS015S-02.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 2m Class 100100508: FA-Servo-Motion: Cable
202250	BCS015S-05.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 5m Class 100100508: FA-Servo-Motion: Cable
202251	BCS015S-10.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 10m Class 100100508: FA-Servo-Motion: Cable
202252	BCS015S-20.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 20m Class 100100508: FA-Servo-Motion: Cable
202253	BCS015S-30.0-BKS1 Brake cable; for HF-SE/SN/SP/JP, HG-SN/SR, HK-RT/ST; high flexible, grey, 30m Class 100100508: FA-Servo-Motion: Cable
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
214558	BCS015S-35.0-BKS1 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
239651	MR-J3JSCBL03M-A1-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 0.3m (motor shaft), IP65 Class 100100508: FA-Servo-Motion: Cable
239652	MR-J3JSCBL03M-A2-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 0.3m (lead out encoder), IP65 Class 100100508: FA-Servo-Motion: Cable
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

Material	Description / Price List Text / Classification
248687	MR-ENCNS2A Encoder Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Angle Type) Class 100100509: FA-Servo-Motion: Connector
248688	MR-BKCNS2 Brake Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Straight Type) Class 100100509: FA-Servo-Motion: Connector
248689	MR-BKCNS2A Brake Connector Set for HG-SN/SR, HK-ST/RT motor, IP67 (Angle Type) Class 100100509: FA-Servo-Motion: Connector
258914	BCS015S-06.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 6m Class 100100508: FA-Servo-Motion: Cable
258925	BCS015S-08.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 8m Class 100100508: FA-Servo-Motion: Cable
258926	BCS015S-12.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 12m Class 100100508: FA-Servo-Motion: Cable
258927	BCS015S-13.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 13m Class 100100508: FA-Servo-Motion: Cable
258928	BCS015S-15.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 15m Class 100100508: FA-Servo-Motion: Cable
258929	BCS015S-16.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 16m Class 100100508: FA-Servo-Motion: Cable
258930	BCS015S-18.0-BKS1 Brake cable; for HF-SE,-SN,-SP,-JP, HG-SR, high flexible, grey, 18m Class 100100508: FA-Servo-Motion: Cable
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
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